



Velocity Atlona Manuals Software



# **Version Information**

Version	Release Date	Notes
1	Oct 2017	Initial release
2	Nov 2017	Added Macros, Event Macros, and Room Triggers, Event Macros, Room Triggers and Cloud
3	Jan 2018	Added Reset Password, room groups, and show device. Updated room options
4	May 2018	Added keep alive commands, Split Rooms, updated activation steps
5	July 2018	Added Device Groups, updated Remote Control builder, and room option Enable Passcode Locking
6	Sept 2018	Updated registration process, room options updated
7	Jan 2019	Added Custom Switcher and DSP to equipment and added Custom Control Interface
8	March 2019	Updated Roles and Permissions
9	June 2019	Editing Users, Reorder rooms, and Advanced Settings room options updated. Added new Macros & Conditions section.
10	July 2019	Added new Adding Custom Icons, Managing Custom Icons, If Logic, IF ELSE, Append Variable, SEND COMMAND, Remove n Characters from Variables, and Decriment / Increment sections.
11	Oct 2019	Updated Reset Password section with new instructions and screenshots. Updated Custom Control Interface section with new 1.6.2 features. Big updates for CCI section: Controls, Pages : Master Page Overlay, and Media.
12	Nov 2019	<ul> <li>Added Room Problems Report section</li> <li>Firmware 1.6.3 updates:</li> <li>View All Connections button added to Tools in Server Settings</li> <li>Added HTTP traffic and Anonymous User Control to Security in Server Settings</li> <li>Macros now programmable to page navigation selections within User Interface</li> <li>Updated Conditions section</li> <li>System variable field added to Buttons / Labels section</li> <li>Added Toggle Page button added to Master Page Overlay</li> <li>Variable Groups added and Variables updated</li> </ul>
13	Jan 2020	<ul> <li>Velocity 2.0 update</li> <li>Added Table of Contents per section</li> <li>Log In &amp; Activation updated</li> <li>Minor updates in System Settings: Tools, Sites: Rooms, and Sites: User Interface</li> </ul>
14	Jan 2020	Cloud updated to support 2.0 free license.
15	Apr 2020	<ul> <li>Firmware 2.1.0 updates:</li> <li>Updated navigation</li> <li>Added the ability to create two-way driver with Checksum to the General drivers.</li> <li>New macro commands added: <ul> <li>FOR LOOP AND CALL MACRO</li> <li>TIMER/CLOCK</li> <li>SHOW HIDE DISPLAYS</li> </ul> </li> <li>Multiple objects can now be selected at the same time within the Custom UI setup page.</li> <li>Added the ability to create multiple rooms at the same time.</li> </ul>
16	Jun 2020	Firmware 2.1.3 updated initial start up process.



## **Version Information**

Version	Release Date	Notes
17	Aug 2020	Firmware 2.1.0 updates: • Added SNMP
		Added Atlona Device Manager Settings
		Added Home Page
18	Jan 2021	<ul><li>Updated for firmware 2.3.0</li><li>Added Home Page: Customization</li></ul>
		Updated Macros & Conditions section
		Updated Custom Control Interface section
19	Feb 2021	Updated for firmware 2.3.1 <ul> <li>Added Custom UI: Control Alignment</li> </ul>
20	May 2021	<ul> <li>Updated for firmware 2.4.0</li> <li>Updated the Firmware update instructions to include EULA</li> </ul>
		Added Room Support
		Updated the Macros section with new Multiply/Divide/Copy macros
		Added new sections to the Custom UI section: Dialer, Camera, Transport, and     Room Support Help Button
21	July 2021	Updated screenshots for firmware 2.4.1
22	Aug 2021	Updated for firmware 2.4.2  Updated Screenshots
		Updated Custom UI: Slider - Horizontal/Vertical to include new steps and op- tions
23	Sept 2021	<ul> <li>Updated for firmware 2.4.3</li> <li>Added Navigate to Music Server - Button / Navigation</li> </ul>
24	Jan 2022	<ul> <li>Updated for firmware 2.4.5</li> <li>Added custom lighting widget to Custom Control Interface</li> </ul>
		Updated Custom Control Interface Buttons / Labels navigation section to new selections
		Added new navigation selections to the Macros



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# Log In & Activation

Initial log in and activation of the Velocity Gateway is outlined in this section.

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### Log In

Once the Velocity Gateway has been set up on a network, locate the IP address of the unit.

- VGW Hardware: The IP address of the server can be located by connecting to an HDMI or Mini DisplayPort display (the IP will be located on the center of the screen) or using an IP scanner.
- VGW Software: The IP address will be located on the center of the screen after installation.

**NOTE:** Google Chrome is the recommended browser when using Velocity. Other browser may experience technical difficulties and may not support full functionality.

1. Open any browser on the network and type the IP address in, as shown below.



Velocity will automatically log in once the IP is launched and a pop up will appear.

		velocity				
GATEWAY DATABASE	Initial Velocity Control Ga Basic Info *Company Name	Login Info * Primary admin email	Gateway Info * Time Zone:	SECURITY	<b>Network</b>	*
	A + Primary admin first name A + Primary admin last name A	a@a.com * Confirm Email a@a.com * New ladmini password	Password criteria: 8 Characters 1 Integer			
	Network 1: 192.168.41.68 Network 2: 192.168.50.240	Confirmation Password	1 Lowercase 1 Uppercase 1 Special Character Passwords Match!			
	Ationa Device Manager Settings	Address to	SUBMIT			

* New 'admin' password	Password criteria:	* New 'admin' password	Password criteria:		* New 'admin' password	Password criteria:
	8 Characters		8 Characters		••••••	8 Characters
	1 Integer		1 Integer		* Confirmation Password	1 Integer
* Confirmation Password	1 Lowercase	* Confirmation Password	1 Lowercase		•••••	1 Lowercase
	1 Uppercase		1 Uppercase			1 Uppercase
	1 Special Character		1 Special Character			1 Special Character
	Passwords do not match.		Passwords do not match.			Passwords Match!

2. Fill in the initial set up information, including: Company Name, First & Last name, the email address for system emails to be sent, time zone, and a new password.

**NOTE:** Passwords must be at least 8 characters and include: 1 number, 1 uppercase letter, 1 lowercase letter, and 1 special character. The text will appear all green when the password meets all criteria.

3. Press SUBMIT once all information is filled. A new pop up will appear.



**NOTE:** Once the initial log in and activation is complete, the new password should be kept somewhere easy to find. If the password is lost, please follow the directions in the **Reset Password** section.



### Log In & Activation

### **Online Activation**

**NOTE:** AT-VGW-HW will be activated straight out of the box and the activation steps can be skipped. If the software is activated already, it will go to the sites page. If the software is not activated, it will go to the system settings page. Activation status can be found at the bottom right hand of the screen.

	velocity	
GATEWAY DATABASE	Соло ислова троз вма. велити Соло ислова троз вма. велити Региние Lotate Ouried Version 2.40.63	Inactive Gateway Active Gateway
	I agree to the end user license agreement  Drag and drop files here or click to browse for files	
	RELEASE NOTES OHECK FOR UPGATES	Activate Velocity License
	Gateway Settings Gateway Name	
	Galaway name Galaway 1 Allow New Synchronizators?	
	SAVE SETTING	
	Linked Gateways	
	+	Welcome! Thank you for choosing Velocity.
	Copyright 62020Adions Inc (pitiona.com): All Bights Reserved (11Version: 2.2.0 int II) (Caleway) (11Version: 2.2.0 int II)	Please activate your velocity gateway before continuing to use the control platform.
		, have address four record gaterial before containing to doe the control platerin.
		ОК

- 4. Press the **OK** button on the Activate Velocity License window. The settings page will open.
- 5. Select the License tab from the top navigation.

= velocity ©				۵	
CI CATEMAY DATABASE CLOUD	LICENSES TOOLS EMAIL SECURITY	ROOM SUPPORT NETWORK	GATEWAY DATABASE	CLOUD LICENSES TOOLS EMAIL	CO O A
I agree to the second s	Firmware Update Ouriert Version 2.4.0.63 the end-user locates agreement. Drag and deg files here or click to browse for files			Active Licenses         Common C	Roms
Cateway Setting Gamony Inner Gateway 1 Allow likes (spectr				Room Licenses Total Control Room: Total Meeting Bioom: Total Licensed Com Bioma: Available Licensed Room:	0 9 3
SAVE SETTINGS Linked Sateways +				Activation Settings 🥹 Activation Status: Activated	
				Gateway Id: 03000200 0400 0500 0006 b898b000580ba Gateway Serial Number: 0740305517112600055	
				Add New License	
				License Key	ROM CLOUD
				Email Address Offline License Activation UPLOAD UP	CENSE

6. Fill in the serial number (provided at time of purchase or located on the bottom of the AT-VGW-HW-3/10/20) and the email where the license registration should be sent. Press the **Register** button.

**NOTE:** Either the Gateway or the computer connected to the Gateway needs to have access to the internet to register.

Activation Settings 🥹	
Activation Status: Not Activated	
Gateway Id: 03000200-0400-0500-0006-b898b00580ba	
Gateway Serial Number	
0740305517112600055	
Email Address	
a@a.com	REGISTER
Offline Activation	UPLOAD LICENSE



### **Offline Activation**

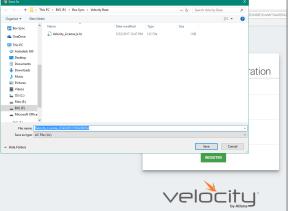
1. Follow steps 1 through 7 of Online Activation. When the Register button is pressed in step seven, a new window will open.



**NOTE:** If nothing happens when the register button is pressed, disable pop-up blockers and open the blocked window.

		🔗 Atlona Welocity   Equipris - X 💘 🛞 Atlona Welocity   Login 💱 🛪 🚫 Atlona Welocity   Re	per x 🔤	
		← → ♥ ■ Secure   https://welocity.ationa.com/#/registration?action+Load8	rParams=eg/FbWFpbCl6Imhhor8ic3RA221haWeuY29tiiwiR2F02RdheURdjoMDMwMDAgt	ADAIMDQwMC0wNTAwLTAwMDYIYijgSOGwMDU3ZTY06wR2F0ZKitheV 🛧 🔲 🧿
🔗 Atlana Welacity   Equipm: X 🔗 Atlana Welacity   Lagin 1: X		et Passport 🤨 Google Play Music 🙃 Google 🛞 - Log In		Cther bookmarks
← → C © Not secure   192.168.11.179/#/serverSettingsModify	a	F 🛧 🖬 🗿		
🔢 Apps 👂 TriNet Respont 👩 Google Rey Music 🔓 Google ⊗ - Log In	The following pop-ups were blocked on this page:	Other bookmarks		
	https://velocity.atlona.com/#/registratihttp://doi.nl/10.1100/1214c21/GWM/join0x     Always allow pop-ups from http://192.168.11.179     Ochthura blocking pop-ups	8	Valacity Decident Decistertion	
Fil = • • • •		0	Velocity Product Registration	
	Manage pop-up Macking		Gateway Id 03000200 0400 0500 0006-b898b0057e64	
			Gateway Serial Number / Licence Key	
			0740305517060200054	
			Enal Address	
			a@a.com	
			REGISTER	
			Volocitur	
			velocity	

- 2. The fields should be auto-filled from the previous screen, if not, fill in the serial number and email address. Press the **Register** button.
- 3. The license file will be downloaded automatically. Select an easy to find place on the local PC (e.g. desktop) to save to.



- 4. Close the registration tab and return to the system settings page.
- 5. Press the **Upload License** button. A new window will open.

Open						× .			0		
-> - + 📙 > Ti	his PC > BIS (F) > BoxSync > Velocity Base			~ 0	Search Velocity Base	P				7 2 0 0	
panize - New fold	ter				8 · 🗆	0				Y ☆ □ O	
a teel A	Nama	Date modified	Type	Size		_				Other bookmarks	
Velocity Base	🗃 day tar	8/12/2017 1-26 PM	Weißlick archive	2							
Bex Spre	Ploer - Floer 1 (Copy) json	5/29/2017 0.54 AM								•	
CoeDrive	P Velocity_0.2.4_Base	3/16/2017 2:39 PM									
	P Velocity_0.3.8_Rase		Open Virtualizatio	5,19		2	9	0	4		
This PC	Welecity_License_0740305517060200054 (1 Welecity_License_0740305517060200054.lic										
Autodesk 360	Webcity License b.lic	5/23/2017 12:47 PM				ALL	SECURITY	ROOM SUPPORT	NETWORK		
Cesktop	Welacity-0.5.3			48							
Documents	Websety-0.5.3.tar	\$/23/2017/6-54.4M		15	No preview available.						
Downloads	Webscity-0.9.1002.tar	6/35/2017 2:18 PM	WinRAR archive	13							
Music	Witzellox-51.10-114002-Win	3/23/2017 10:17 AM		12							
R Pictures	Wittasiliou-5.1.22-115126-Win	5/25/2017 12:34 PM	Application	12							
Widece											
5 OS (C)											
- Files (8)											
- 805 (7.0											
- Microsoft Office											
Filer	Name: Velocity, License, 0740305517060200054 (1). Sc				All Files	~					
					Open 💌 Cance						
			Status: Not Activ								
		ACTIVITION	Sources Not Activ	10.00							
		Colombal	4 0000000.010	0.0500.0	005-689860057e64						
		Gabeway Sec									
		07403055	517060200054								
		Enal.Adder	15								
		a@a.com					REGISTER				
					UPLOAD LICENSE						
											Gateway Activated Successf

6. Select the license file from the folder and select **Open**.

Once the file has been uploaded successfully, the message **Gateway Activated Successfully** will appear at the bottom of the screen and the **Activation Status** will show Activated.



**NOTE:** The page should refresh automatically after registration, if the page does not, manually refresh the web browser.



## **System Settings**

System settings will include the ability to view server settings, scheduling, licenses, tools, set up email notifications, security options, and firmware upgrades.

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### General

1. Locate the  $\equiv$  in the top left corner of the home page and left click to open the menu.

	velo	ocity	8			≡ ©	
Explorer Search	🗞 🔅 C	Gateway Info	ormation	A A A A A A A A A A A A A A A A A A A	Search		
S Gateway 1: Fairview Campus	v	Total Rooms     Available Room Licenses     Total Powices     Devices Online     Devices Online     Devices Online     Linked Gateways     Sites	9 11 16 0 16 1 1	<ul> <li>Mome</li> <li>Control</li> <li>Scheduling</li> <li>A Management</li> <li>Settings</li> <li>Settings</li> <li>Gould</li> <li>Holp</li> </ul>		<ul> <li>Home</li> <li>Control</li> <li>Scheduling</li> <li>Management</li> <li>Settings</li> </ul>	> > >
Up Time • 200 • 20 • 4h • 30m	Memory Usage 74.43%	CPU Usage 2.55%	Disk Usage 26.53%			G Gsteway Database Licenses C Tools Email S Security A Network	

- 2. Select Settings from the menu. New options will appear.
- 3. Select Gateway.

	velocity							
GATEWAY	E DATABASE	CLOUD	07 Licenses	م Tools	<b>⊠</b> BMAIL	SECURITY	ROOM SUPPORT	A NETWORK
		✓ Lagree	Firmware L	lpdate Current Vers e agreement	ion 2.4.0.63			
			Drag and dro	p files here or click to b	rowse for files			
		RELEASE N	OTES		CHECK	OR UPDATES		
		Gateway Set	tings					
		Gateway Name Gateway 1						
		Allow New Sy	nchronizations?					
		SAVE SETT	INGS					
		Linked Gates	ways					

#### Gateway

Gatway is the default page opened when Settings is selected. It provides basic information for Velocity, such as: Firmware, Gateway Settings, Synchronization, ID, Serial Number, and Time Settings.

ROOM SUPPORT NE

#### Gateway Settings

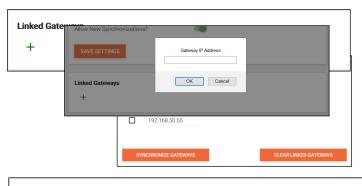
The gateway name may be changed, to provide an easy way to discern between different gateways.

Select the slider bar next to **Allow New Synchronizations** to enable the Atlona Touch Pads and other BYOD control devices to connect to the gateway. This is enabled by default.

Gateway Settings			
Gateway Name			
Gateway 1			
Allow New Synchronization	s? 🗨		



### **System Settings**



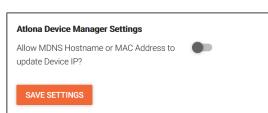


#### Linked Gateways

- Select the + button to link to any other Velocity Gateways on the network. A pop up will appear.
   Enter the IP address of the other gateway
- Enter the IP address of the other gateway.
- Press the OK button.
- Press the Synchronize Gateways. A pop up will appear when complete.

#### SNMP

- Enable this feature to set up notifications when issues arise.
- Once enabled, press the + sign. A pop up will appear that the name for the notification device can be entered into.
- Press OK once the name is entered.
- Enter the IP Address in the IP Address field.
- The next field is for the IP Port.
- The final field is for the community string, which is defined by the watch device.



#### Atlona Device Manager Settings

Enable this to have Velocity update a device IP address if it changes to the new address and has the MDNS hostname or MAC address associated to it within the software. e.g. If a device is set to DHCP and the IP is renewed to a new address, it will auto update in Velocity.

### Time Settings

Set the time, time zone, and date for Velocity.

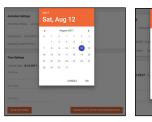
#### Enable NTP Clock Synchronization

Select this button to allow Velocity to sync its clock with the server.



**NOTE:** The gateway must be online in order for the clock to synchronize with the server.





urrent Date: 8-18-2020 Current Time: 3	3:08:13 PM	
me Zone		
merica/Los_Angeles (United States)	Ψ	
Clock Time Format		
	$\nabla$	
et Date		
et Time		
SAVE SETTINGS		

#### API Settings



API is used for integrating Velocity with a pre existing control system. Select the enabled slider and type in the port to activate API integration.

**NOTE:** Once changes have been made, restart Velocity using the Restart Velocity button in the Tools tab.



### Database

1. Select **Database** from the top navigation inside of the **Server Settings**.

<b>≡</b> 0		`	velocitu	<u>.</u>			<b>AA</b>
GATEWAY	CLOUD	C-	۲ TOOLS	EMAIL	? ROOM SUPPORT	NETWORK	Ĺ
	Select a merr Backup Backup Backup Backup	emory Location nory location to store you Memory 1: Not used Memory 2: Not used Memory 3: Not used Memory 4: Not used Memory 5: Not used	ur backup				

The Database page provides a way to back up, restore, set up redundancy, and delete databases & settings for Velocity.

Backup To Memory Location

O Backup Memory 1: Not used

O Backup Memory 2: Not used

O Backup Memory 4: Not used

O Backup Memory 5: Not used

Backup Memory 3: Not used

Database Backups Available For Restore

Date Restored File Name Backup

1day [2020-04-09 00:00:28.884548157 +0000 UTC] (120.4 MiB)

4day [2020-04-06 00:00:27.536845659 +0000 UTC] (117.8 MiB) O 5day [2020-04-05 00:00:28.589610071 +0000 UTC] (117.8 MiB)

O 2day [2020-04-08 00:00:27.370055916 +0000 UTC] (117.8 MiB)

O 3day [2020-04-07 00:00:28.986593358 +0000 UTC] (117.8 MiB)

0

Ο

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Select a memory location to store your backup

#### **Backup To Memory Location**

Select one of the five memory backup locations and press save. This will back up the Velocity database to the currently selected Backup Memory. Once a backup memory has been used, it can be downloaded, restored from, or deleted.

**NOTE:** Atlona recommends creating a backup and saving to a secure location after integration is complete.

#### **Backups Available For Restore**

All backups available will appear in the list. The backups can be renamed, deleted, downloaded to the local computer, or restored to. Rename - Allows creation of a custom name for each backup.

- Delete All Delete all provides a quick way to clear all the previous back ups at once.
- Delete Removes the selected backups, creating space for additional backups if needed
- Download Save back ups to the local computer for future restores.

Restore - Restores the gateway to the selected back up, overwriting all current information/settings of the gateway.

#### Upload

Drag and drop previously saved database backups from the local computer.

#### **Database Restore History**

Once a restore has occurred, a new field will appear after the restore. This will show all the database restores that have been successfully processed.

Drag a	nd drop files here c	or click to browse	for files	

Jan 5 20:34:24 RecurringBackups-01-5-2018 19:00 Jan 5 19:00:16 A, A 173.9 MiB

File Modify Time User Uploaded Database Size

RESTORE



### **System Settings**

#### **Redundancy Settings**

Redundancy provides seamless control where in the case of power loss or other events on one gateway, the secondary gateway takes over control.

**Primary Gateway IP Address** - Set to the IP of the primary gateway.

Standby Gateway IP Address - Set to the IP of the secondary gateway in case of failure.

Virtual IP Address - Set the virtual IP. This IP is where access to the Velocity webGUI can be found and will be used for all control device connections. Using this IP will ensure no loss of functionality in case the primary gateway goes down.

Virtual Bound Network - Select the physical port both gateways use to connect into the network with the controlled devices.

Redundancy Settings			
Primary Gateway IP Address			
0			
Standby Gateway IP Address			
0			
Virtual IP Address			
0			
Virtual Bound Network			
Network 2			
Daily Backup Time: 12 00 AM	×		
SAVE SETTINGS			

**NOTE:** Both gateways must be connected to the network using the same Ethernet port on the units. If the primary gateway is connected to Ethernet port 1 then the backup gateway must also be connected to the network using Ethernet port 1.

Daily Backup Time - Set the time per day in which the primary gateway will back up to the standby gateway.



**NOTE:** The backup gateway must have gone through the initial setup process and be set to a static IP before redundancy is set up.

Once both units have been set up and connected correctly, redundancy can be set up.

Redundancy Settings	
Enable Redundancy	•
Primary Server IP Address (primary.velocity.com)	
10.0.1.12	
Standby Server IP Address (standby.velocity.com)	
10.0.1.125	
Virtual IP Address	
10.0.1.209	
Virtual Bound Network	
Network 2	

1. Type in the primary gateway's IP address.

**NOTE:** Redundancy settings are only made on the primary gateway. **NOTE:** Both gateways must be set to a static IP before redundancy is set up, to avoid any future issues.

- 2. Type in the secondary gateway's IP address.
- 3. Type in a Virtual IP address.

**e.g.** If the primary IP is 10.20.200.219 and the secondary IP is 10.20.200.168, the virtual IP should be 10.20.200.XXX (such as 10.20.200.115).



**NOTE:** The Virtual IP address must be an unused IP address. It cannot share an IP with any other devices on the network.

- 4. Set the virtual bound network to mirror the port used to connect both gateways to the control network. If the units are connected to the network on Ethernet port 2, then select Network 2 from the drop down menu.
- 5. Set the time of day that the backup will occur.



### **System Settings**

 Press the Save Settings button. A green successful message will appear at the bottom of the page when redundancy has been set up. The title Primary Gateway will also appear in the server information at the bottom of the page.



The primary gateway will back up to the secondary unit at the designated time each day. The database back up may also be started manually by pressing the **BACKUP NOW** button at the bottom of the redundancy options, and set both gateways to the current configuration.



As the primary gateway is backed up, it will display the Backing Up Database message. Once a database has been successfully backed up, the backup gateway will show that it is in standby mode. The backup gateway will remain in backup mode until a time in which the primary gateway has been offline for the set timeout amount. Once the backup gateway is active, it will remain that way until the primary gateway is online again.



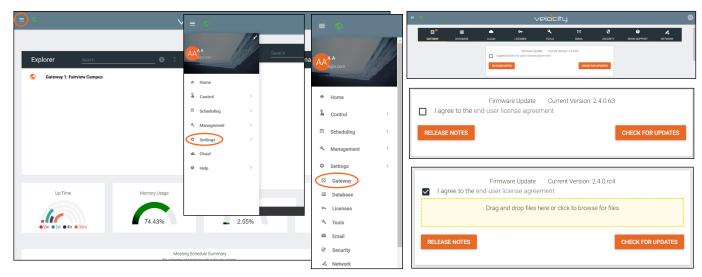
**NOTE:** If any changes have been made while the primary gateway was offline, select the Restore From Backup button to import the changes from the backup gateway.

If the redundancy is no longer needed, use the **CLEAR REDUNDANCY** button at the bottom of the redundancy field to unlink both gateways and erase the settings.

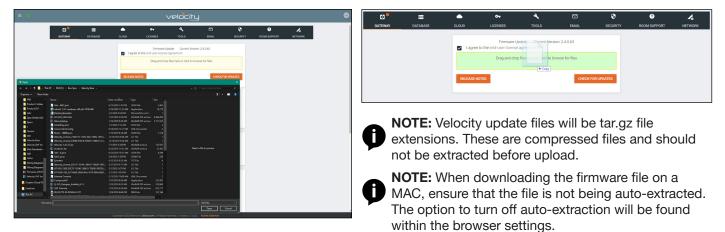


### **Firmware**

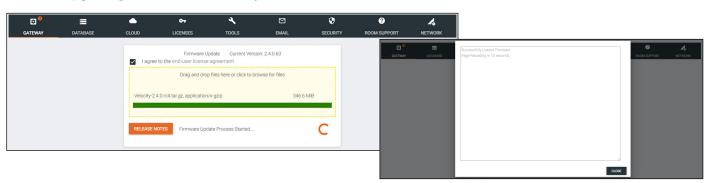
- 1. Locate the  $\equiv$  in the top left corner of the home page and left click to open the menu.
- 2. Select Settings from the menu. New options will appear.
- 3. Select Gateway.



- 4. Select the end-user license agreement (EULA) link to download the pdf.
- 5. Once read, to proceed with the firmware update, the I agree to the EULA checkbox must be selected.
- 6. Click on the field to browse the local computer for the firmware file, or drag and drop the firmware into the field.



Firmware upgrading will start automatically.



When the firmware upgrade is successfully completed, a pop up window will appear. It will close a few seconds later.



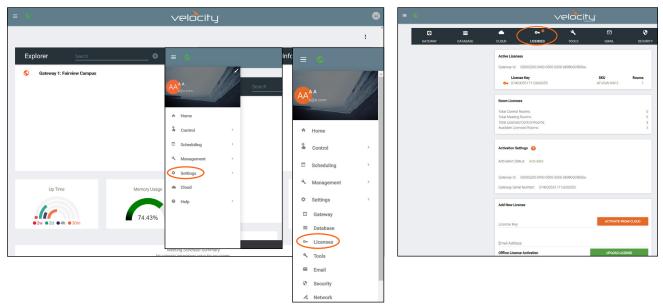
### Cloud





### **Licenses**

- 1. Locate the  $\equiv$  in the top left corner of the home page and left click to open the menu.
- 2. Select **Settings** from the menu. New options will appear. If already in the Settings page, select **Licenses** from the top navigation.
- 3. Select Licenses.



The license page displays any currently associated licenses and provides a way to load new room licenses to the user's VGW-SW or to activate a VSG license for Velocity Soft Gateways (AT-VGW-SW). More licenses can be activated here, to expand the amount of rooms Velocity can control.

**NOTE:** License keys and license download links are provided by email at the time of purchase. If an email cannot be found in the inbox, check the spam or junk folder. Only AT-VGW-SW can be expanded with extra rooms.

Add New License	
License Key	ACTIVATE FROM CLOUD
Email Address	
Offline License Activation	UPLOAD LICENSE



### **System Settings**

If the gateway is connected to the internet, a new license can be activated with the license key and an email address.

- a. Type in the License Key received by email at the time of purchase.
- b. Type in the email address associated with the license key (the email where the license was received).
- c. Press the Activate From Cloud button. The new license will activate and appear in the Active License field.

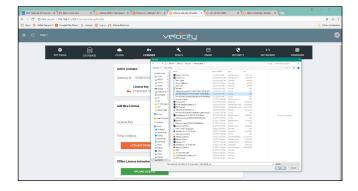
Add New License	Active Licenses	
License Key	Gateway Id: 03000200-0400-0500-0006-b898b0057e8c	
22C97-FFBFF-848BF-DF362-D2CB2	License Key SKU	J
	OT 0740305517060200011 AT-VGW-250	)
Email Address	Orr 22C97-FFBFF-848BF-DF362-D2CB2 AT-VDL-10	)
a@a.com		
ACTIVATE FROM CLOUD		

If the gateway is offline, the license file will need to be loaded to the gateway manually.



a. On a PC connected to the internet, download the license using the link received by email at the time of purchase.

- b. Select the Upload License button to search the local PC for the license file.
- c. Select the license file and press the Open button. The new license will appear in the Active License section.

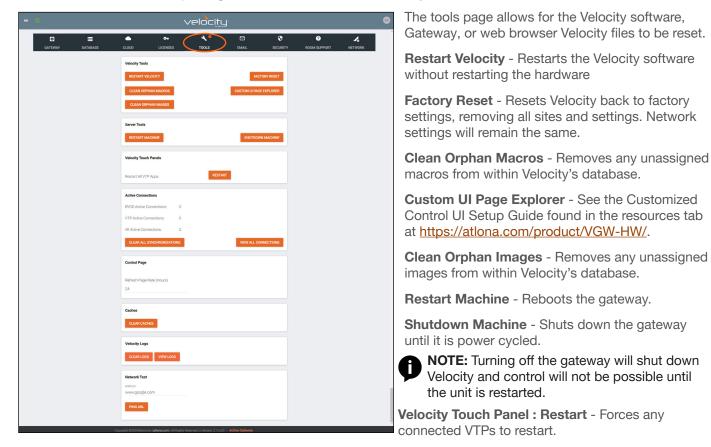


Bateway Id:	03000200-0400-0500-0006-b898b0057e8c	
	License Key	SKU
07	0740305517060200011	AT-VGW-250
0-	22C97-FFBFF-848BF-DF362-D2CB2	AT-VDL-10



### **Tools**

1. Select **Tools** from the top navigation inside of the **Server Settings**.



Active Connections - Will display how many control touch pads and browser windows are connected to Velocity at the time.

**Clear All Synchronizations** - This will disconnect all logged in touch pads & browser windows and refresh their connections after 3 seconds.

**View All Connections** - This will display all the current control devices/screens connected to Velocity in a pop up window with ID, connected page, IP address, time of last use, and connection type.

Control Page - Set how long in hours between Velocity refreshing the control page caches.

**Clear Cache** - This will clear all internal cached files for all equipment. Use this if equipment remotes are not populating correctly after changes have been made.

Clear Logs - This will clear all internal log files for Velocity.

View Logs - This open a new tab that	
will display all logs and provide the	
ability to clear, download, and pause	
all logs.	

≡ ⊗	∨elocity <sup>.</sup>	•
8 Velocity Log		Â
CLEAR SCREEN DOWNLOAD FULL LOG II	TOGGLE DEVICE TOOLS	
		î
Jan 24 22:56:45.391		
	#### Time 2011 dist here listen untering ables and an fortheft, and ada forthefter (forthefter and and and address	
	Line 267: dial tcp: lookup velocity.atlona.com on [::1]:53: read udp [::1]:50504->[::1]:53: read: connection re	
	Line 267: dial tcp: lookup velocity.atlona.com on [::1]:53: read udp [::1]:34061->[::1]:53: read: connection re	
Jan 24 22:55:41.403		
	****	
	Line 267: dial tcp: lookup velocity.atlona.com on [::1]:53: read udp [::1]:55175->[::1]:53: read: connection re	
		~
Copyri	ght @2021Ationa inc (ationa.com) All Rights Reserved    Version: 2.3.0.83    Gateway 1: Active Gateway	

**Network Test** - Test the gateway's connection to the internet by pressing PING URL. By default the URL is www.google.com, but can be changed if needed. A green OK message will appear below the ping button if the connection is ok.



### Email

Velocity by default will send error notifications from Atlona's default email address.

=					veloci	ity						8
	GATEWAY	DATABASE	CLOUD	<b>0</b> √ Licenses	۲00LS	$\langle$	EMAIL	),	O ECURITY	ROOM SUPPORT	A.	Í
			SMTP Setting Enable SMTP: Smerr Hat Nam smtp.office38 Smer Port 587 From Address Usenare velocity(jaatio Password	siscom	Default 5	87						
			Sendgrid Ema Enable Sendgri From Address support@attle Api Key	ns:								

- 1. Select **Email** from the top navigation inside of the **Server Settings**.
- 2. Fill in the company's email and/or Sendgrid settings.

This information will be provided by the company's email host. If the IT admin is not setting up Velocity, check with them for the correct settings.



### **Security**

- 1. Select Security from the top navigation inside of the Server Settings.
- 2. Set the limit for how many login attempts a user has before the system is locked to those credentials.

S S			~	/elocitu	ľ			<b></b>
GATEWAY	DATABASE	CLOUD	0-7 LICENSES	TOOLS	EMAIL	SECURITY	ROOM SUPPORT	
		SSL Certificates						
		Common Name:	demoComp	any.com				
		Organization:	Demo Comp	bany LLC				
		Organization Unit:	IT					
		Location:	San Jose					
		State:	CA					
		Country:	US					
		Days:	365					
		Bit Size:	2048					
			SELF SIGNED CERTIF	ICATE				
		GENERATE O			UPLOAD	PRIVATE KEY		
			_		_			
		HTTP Traffic						
		Always redire	ct all traffic to HTTP	S				
		SAVE SETTINGS						
		Other						
		Allow Anonyn	nous Room Control .	Access				
		SAVE SETTINGS						

Never	
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	

- SSL Contact Velocity Product Management for further information.
- **HTTP Traffic** Select the check box if a secured connection is required on the network.
- Other Allow Anonymous Room Control Access Check this box to allow for anyone with the link to control a specific room on any touch device.

#### Allow Anonymous Room Control Access

To allow outside presenters access to specific room controls without logging into Velocity. Allow Anonymous Room Control must be enabled.

- Scroll down to the Other section within the Security tab of the Server Settings page.
- Select the checkbox next to Allow Anonymous Room Control Access.
- Press the **Save Settings** button.

GENERATE SELF SOMED CERTIFICATE GENERATE SER GENERATE SER UPLOAD DRIVATE KEY	Other  Allow Anonymous Room Control Access  SAVE SETTINGS
HTTP Traffic  Aways redirect all traffic to HITTPS  Swet SetTINGS	<b>NOTE:</b> When Enabled, the URL is not secure. Any user with this URL can access and
Other  Allow Anonymous Room Control Access  SAVE SECTINOS	control the room at any time.



### **System Settings**



- Open the left navigation menu using the  $\equiv$  button in the top left corner of the screen. •
- Select the All Rooms button under the Control option. •
- Select the Edit Room Technology button on the room tile. •

= ()		velc	city		0	× Configure Equi	pment	
💲 🛓 Modify	/ Room All Sites / ABC /	Building 2 / Large Conferenc	e Room		✔ @ 苹 +			1 Shared Room Device(s) € AT-VTP-550
		Disconnected	Ċ			Ationa Velocity 5.5" Touch Par Alias AT-VTP-550	vel - Black Properties	/ Q ~
	AT:H2H-44M 1	Atlona Velocity 5.5" Touch Panel - Black 1	Left Sony	Right Sony		IP Address Sync to Control		
	✓ ↓ 8 ∎ ⊚ ① �	Left V	/ 8 <b>1</b> @ <b>4</b>	/ 8 <b>1</b>		Control Template Custom UI Language	- /	

- Select the Edit button on the room control device (AT-VTP-550 in the image above). •
- Scroll down to the bottom of the screen and copy the URL listed next to Room Access Link. •
- Give that URL to the guest user, or create a scannable QR code for easy navigation. •

oom Access Options			~	🔗 Atlane Velocity   Room Modify 🗴 🔗 Conference Control	X 🕘 Atlona	X 🛛 🛆 Atlona Redmine	X   🙆 Pages < Atlona® AV Solutions - X
				← → C △ ○ Not secure   10.20.100.33/#/roomCon           III Apps         > TriNet △ Atlona Redmine         Sandbox         Rox			
Allow Anonymous Room Cont	trol Access				🔮 Google 🔛 Outlook 🛄 p	honething 🚫 Login 🥘 Atlona® AV	Solutio
xom Access Link: http://192.168.5	50.109/roomControl/600af878c1f4d05eda2afdd6?	wnchronizationId=600f2d13c1f4d05eda4b	of59 🗖	Conference			
		,					
QR Code Generation			~				
(R Code Security:							
Link to VTP							
	Entra Maria						
Room:	Entry Way						
VTP:	AT-VTP-550						
VIE.							
					ROOM ON		

**NOTE:** The user device must be on the same U network as Velocity or the URL will not work. **NOTE:** Do not navigate to the URL on the same PC that the Velocity software is being used.



<u>File Edit View History Bookr</u>	narks <u>T</u> ools <u>H</u> elp		– 🗆 X
🐼 Conference Control	× +		😄 .
← → ♂ ŵ	Q http://192.168.50.240/roomControl/5dc081fdac1a450c1fd11d7c		₩ 🚇 🗊 🛎 👬 🖆
	http://192.168.50.240/roomControl/5dc081fdac1a450c1fd11d7c — Visit		



### **Room Support**

Velocity has the ability to set up tickets and request help from the company's tech support through the Room Support page.

1. Select Room Support from the top navigation inside of the Server Settings.

۵	* * *	•	<b>0</b> 7	ع		٢	?	4
GATEWAY	DATABASE	CLOUD	LICENSES	TOOLS	EMAIL	SECURITY	ROOM SUPPORT	NETWORK
		Enable Roon	n Support		•			

2. Select the **Enable Room Support** slider to display the ticket options.

≡	\$				velociti	J.			
	CATEWAY	DATABASE	CLOUD	C-	TOOLS	EMAIL	SECURITY	? ROOM SUPPORT	Î
			Enable Room	Support		•			
			Create Tickets	for new problems		••			
			Allow Feature	Requests					
			Contact Ema	ail	Email Address CSV				1
			Support Hou	rs	Support Hours A/V support hours of ope	ration are 8AM to 5PM	Monday thro		
			Global Trout Help	leshooting	H1 H2 H3 H4 H5 Bold Italic Underline		OL		
			User Problem	Selections					
			Problem Type Problem with	Audio.		-			
			Problem Type Problem with	Video.		-			
			Problem Type Display/Proje	ctor not turning o	ı.	-			
			Problem Type Cannot see n	ny source.		-			
			Problem Type	).		-			
			Problem Type Conferencing	issues.		-			
			Problem Type	tand how this wo	·ks.	+	-		

The options allow for as much information on the problem as possible to be provided at the time. All of these options will update what is seen on the room support pop up within the control screen.

**Create Tickets for new problems** - Select this slider to ensure every option creates a ticket in the system. **Allow Feature Requests** - Adds an extra field to the help pop up that allows users to request new features or options for that room.

**Contact Email** - Enter the company support Email or the company's help desk Email to create tickets and request help from the company's IT administrator.

**Support Hours** - Provide a statement of the company's IT/help desk hours, this will appear in the control room pop up.

**Global Troubleshooting** - Provide basic troubleshooting steps or support information for the rooms in this field, it will appear in a secondary pop up using the button Troubleshooting Help.

**User Problem Selections** - Add default troubleshooting statements here to provide a quick selection of common issues.



custom screen. The default icon will be a circled ? mark.

Once enabled, the help icon will appear in the header of the control screen, or it can be added as a widget to a

Select the icon to have the room support pop up appear.

I do	nt underst	and how t	his works	
		ABC		
Comm	ients:			
Feature F	Request:			

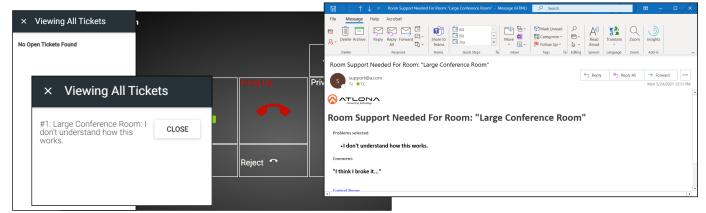
Selec	t the options that best describe the issue with controlling the room: (Support Hours)
	I don't understand how this works.
	ABC
	Comments: I think I broke it
	Feature Request:
	CLOSE VIEW TICKETS TROUBLESHOOTING HELP SUBMIT CONTROL ISSUE

The pop up will have the previously created options. Select the option and it will highlight grey. Additional information on the problem can be added to the comments section. Once all information is completed, press the **Submit Control Issue** to create a ticket.



To see the support hours, select the Support Hours link, a new pop up will appear with the information entered into the Support Hours field.

To see the troubleshooting information entered into the Global Troubleshooting section, select the Troubleshooting Help button.



Once a ticket is created, an Email will be sent to the administrator and the ticket will appear in the menu, to view the ticket or close it once completed, select the View Tickets button and a slide out menu will appear on the left.





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Help

Reports

Settings

**AMS Device Manager** 

**Room Support Tickets** 

>

>

To view, edit, or respond to the ticket, use the Room Support Tickets page.

#### velocity ► Help Tickets AA^ Ticket number Title Status Assigned to Created In Progress Large Conference Room: I 2 Day / A, A In Progress / 1 Large Conference Room: I 3 Days A Home 1 Control > Scheduling 2 Management Select the = button from the top left corner and select Management. New options 1. will appear below.

i **NOTE:** The **Room Support Tickets** option will not appear until Room Support is enabled.

2. Select Room Support Tickets from the new options. A new screen will appear.

The new screen will display all the tickets currently in the system. They will be numbered based on when they were created and will be titled by room, followed by the reported problem.

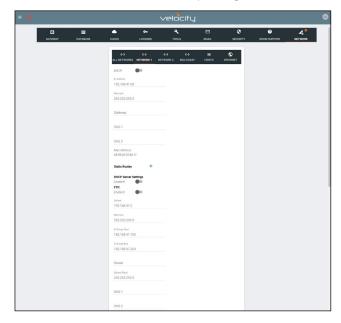
	velocity	
► Ticket Modify List / Modify F	Record	Î
	Train number         1         Council         2 Hours         Tris         Large Conference Room: I don't understand how this works.         Stats         New         Assigned to         *         Assigned to         *         Doublemain Selected         Produms selected         Think I broke it*         Think I broke it*	
	Chat History	1
	Chat Send a message SEM	
		E

The new screen will display all the tickets currently in the system. They will be numbered based on when they were created and will be titled by room, followed by the reported problem.



### **Networks**

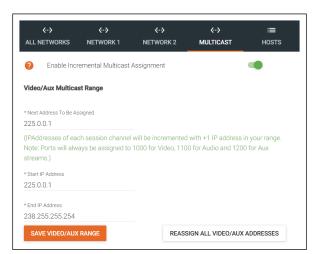
1. Select Networks from the top navigation inside of the Server Settings.



**Network 1** - Corresponds with Ethernet Port 1 of the AT-VGW and can be set between static IP, DHCP, and DHCP server. If set as a DHCP server, a range of IP addresses must be set so it can assign IP addresses for anything else connected to the network. FTP slider is used with updating the Velocity Panels and more information can be found within the VTP/VSP installation guides.

- **802.1x Security** Enable or disable this by selecting the slider. Enabling will allow the Velocity Gateway to be authenticated and authorized when connected to a network using 802.1x access control.
- **NOTE:** By default, Ethernet Port 1 is set to Static IP (192.168.41.68) and Ethernet Port 2 is set to DHCP. When using a VGW-HW.

<b>⟨··〉</b> All Networks	<b>‹·›&gt;</b> NETWORK 1	<··> NETWORK 2	<b>⟨··⟩</b> MULTICAST	:≣ Hosts
DHCP:				
IP Address: 192.168.50.240				
Netmask: 255.255.255.0				
Mac Address: b8:98:b0:05:80:ba				
Static Routes	+			
802.1x Security Enabled:				
SAVE SETTINGS	RESET NETWO	ORK SETTINGS		



**Network 2** - This option will only appear when there is multiple network ports on the server or a VGW-HW is being used. This section corresponds with Ethernet Port 2 of the AT-VGW and can be set between static IP and DHCP.

• **802.1x Security** - Enable or disable this by selecting the slider. Enabling will allow the Velocity Gateway to be authenticated and authorized when connected to a network using 802.1x access control.

**Multicast** - This option will only appear if there is an OmniStream connected to the network. View the OmniStream manual for more information on Multicast set up.



### **System Settings**

-	·· <b>›</b> Tworks	< NETWORK 1	<b>‹··&gt;</b> NETWORK 2	<b>&lt;</b> ↔ MULTICAST	i≡ Hosts
Hosts	+				
1	Address 127.0.0.1		Domain localhost		
0	Address 127.0.1.1		Domain velocity		
2 -	Address ::1		Domain ip6-loopba	ack	
4	Address ff02::1		Domain ip6-allnode	es	
F	Address ff02::2		Domain ip6-allrout	ers	
1	Address 192.168.1.1	1	Domain primary.ve	elocity.com	
7			Domain standby.ve		

**Host** - Provide a simple way to assign a name to any Velocity controlled device on the network. Simply enter the controlled device IP address and write a host name to assign to it.

<··›> ALL NETWOR		<> NETWOR		<b>⟨··⟩</b> JLTICAST	i≣ Hosts
Network 1		Network	2		
Name:	eth0	Name:		eth1	
Address:	192.168.50.240	Address:	192	168.41.68	
CIDR:	192.168.50.240/24	CIDR:	192.168	3.41.68/24	
Subnet:	255.255.255.0	Subnet:	255	255.255.0	
Available Add	Iresses: 256	Available A	ddresses:	256	
MAC:	b8:98:b0:05:80:ba	MAC:	b8:98:b	0:05:80:bb	
Status:	up broadcast multicast	Status:	up broadcas	t multicast	

**All Networks** - Provides a quick overview of the network port settings. This will only appear when there is more than one network port.



### **Reset Password**

If the login password is ever forgotten, it can be reset on the login page. The password reset may only be done once Email has been set up in System Settings.



1. Select the **Forgot Password** link found under the LOGIN button. A new tab will open with the GatewayID number and the Email associated with the account.

Recover User Login	
Gatewayld 03000200-0400-0500-0006-b898b0057ecc	
Email Address a@a.com	
EMAIL RECOVERY	KEY
Velocity	

Recover User Login Email sent, please go back to the Velocity Gateway page and create a new password.
Recovery key sent successfully.

 The Email address should auto populate with the account Email. This can be changed, but if the Email entered is not associated with the gateway, the password key will not work. Press the EMAIL RECOVERY KEY button. A success message should appear.

Password Recovery					
support@ationa.com	← Reply	() Reply All	→ Forward	•••	
To OAA	Tue 10/1/2019 9:35				
() If there are problems with how this message is displayed, click here to view it in a web browser.					
Password Recovery					
Password Recovery Key					
cFxuwZzc0T/nX3RVfhGjD+Ir3zhvquFXf2op/hYGLw2QY7zJ0KP50GuT2Yumwzi5+QNE0xirn8YAt7bzjw9i7/5tDI9wD+1J11KPkor9eP81YbWCyd	V0nkFjHT7yo	izkkjT/8YZ1LitxRg	rfOQAT1y6alARY	<mark>yK8</mark> e4ax	
Recovery key will expire at 8:35PM.					

- 3. Once the Email is received (be sure to check junk Email), copy the Password Recovery Key from the box.
- 4. The login page will have automatically changed to a password update screen. Enter the new password and the Password Reset Key from the Email.
- 5. Select the **RESET PASSWORD** button. Velocity will open and a green password reset successfully message will appear at the bottom.

Velocity	Loginø
imail Address a@a.com	
New Password	Password Criteria: 8 Characters 1 Integer
Confirm Password	1 Lowercase 1 Uppercase 1 Special Character
	Passwords do not match.
Password Reset Key SFxuwZzcOT/nX3RVfhGjD+lr3zhvquFX1	f2op/hYGLw2QY7zJ0KP50GuT2Yum



## Home Page

The home page provides a single place to see sites, gateways, run times, and system status.

### **Contents**

Explorer	32
Gateway Information	33
Usage Information	33
Customization	34



## Home Page

The home page will display when logged in, when the Velocity logo in the center of the software is selected, or when home is selected from the left navigation.

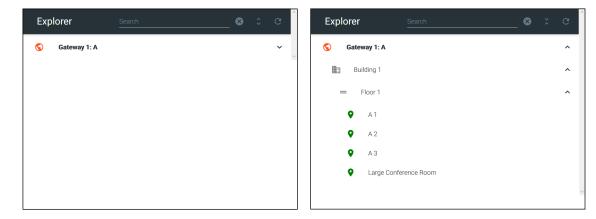
≡ ⊗		velo	city		8
AAA search	Explorer Search	® ≎ c		Gateway Information	I
A Home	S Gateway 1: Fairview Campus	~	Total Rooms		9
Control >			Or Available Room Lie	censes	11
Scheduling >			Total Devices		16
Management >			<ul> <li>Devices Online</li> </ul>		0
			A Devices Offline		16
© Settings >			S Linked Gateways		1
Cloud			G Sites		1
● Help >					
	Up Time	Memory Usage	CPU Usage	Disk Usag 26.53%	
	●2w ●2d ●4h ●30m	Meeting Sched	lule Summary		

### **Explorer**

The explorer provides a quick place to add a site, or view all linked gateway sites.

Explorer	⊗ ≎ œ	Add Site			Add Site	
		The New Site will contain default Buildin	rg, Floor and Room		The New Site will contain default I	Building, Floor and Room
		* Site Name			* Site Name	
		* Country			* Country	
		* Address 1			* Address 1	
		Address 2		-	Address 2	
		* City	* Post Code		* City	* Post Code
	~	* State/Province	* Building Image		* Chata (Denvines	* Duibling language
		Chrome	CANCEL IMPORT SUBMIT		Firefox	CANCEL IMPORT SUBMIT

- 1. Select the + button to add a site. A pop up will appear.
- 2. Fill in the Site Name, Country, Address, City, Zip Code, State, and select an image for the building or select the import button and select a previously saved site from the local computer.
- 3. Press the Submit button. The site should appear in the explorer window, if not press the refresh button in the top right corner.

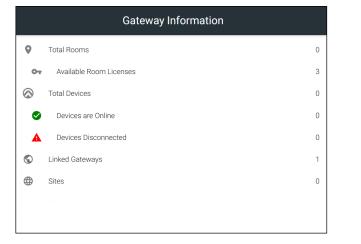


Select the site name or the expand all button to view the site. All sites on connected gateways will display in the explorer.





The Gateway Information field will display rooms, devices, gateways, and sites. This will update whenever a new site or device is added. If the numbers do not update, refresh the browser screen.



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a PANDUIT company



Select any of the options (except for Total Devices) to go to the relevant section within the software. e.g. If Linked Gateways is selected, it will open the Gateway tab within the Settings page.

Total Rooms - Displays the total amount of rooms on the gateway and linked gateways.

Available Room Licenses - Displays the total amount of licenses left. This can be negative if more rooms are created than there are licenses.

Total Devices - Displays the total of all devices on the gateways (Atlona devices, displays, sources, etc) Devices are Online - Displays the number of Atlona devices that are connected and communicating with Velocity. Devices Disconnected - Displays the number of Atlona devices that are have been added but are not communicating with Velocity.

Linked Gateways - Shows the number of gateways on the network that have been linked together. **Sites** - Displays the number of sites on all connected gateways.

### Usage Information

Usage tiles will appear at the bottom of the home page. This will display status of the Velocity gateway.

• 8w	Up Time	Up time will display how It will display in weeks,		are has been online at the current site. I minutes.
Memory	Usage	CPU Usage	Disk Usage	
54.3	2%	9.69%	42.38%	

Memory, CPU, and Disk Usage tiles will display the status of the server. This will display the percentage of use on the VGW-HW or the percentage of allocated resources in use on the server for VGW-SW.



### **Customization**

Memory, CPU, Disk Usage, and Calendar tiles will display the status of the server. The items shown on the home page can be customized to display in any order and tiles can be hidden.

	velo	city	aa
			(;)
Explorer Search	🙁 🗘 C	Gateway Information	
Gateway 1: Fairview Campus	~	Total Rooms	9

Select the : button in the top right corner of the home page. A new pop up will appear. This pop up will allow you to adjust order and visualization.

=			velocity		
		Dashboard Widget Customizatio	on Settings		÷
	Explorer				
	🔇 Gateway 1:	Explorer And Gateway	Explorer	Gateway Information	9
		Information	Show:	Show:	11
		Row 1 ~	Column 1 ~	Column 2 ~	16
					0
					16
					1
		System Information	Up Time Memory	CPU Usage Disk Usage	1
				RESET CLOSE SAVE	
					•

Each option will display first the name of what's in the row, then the tile of what's in the group. The first tile will give the option to change the order those groups show vertically, select the row number from the drop down.

Dashboard Widget Customization Se	ettings			
Explorer And Gateway Information		olumn	Gateway Infi Show: 2	Jumn
System Information	Up Time	Memory Usage	CPU Usage	Disk Usage
Row 2 ~	Show:	Show: Column 2	Show: Column 3	Column 4
Meeting Schedule Summary Row 3	Show:	Meeting Sched	lule Summary	•
			RESET	CLOSE SAVE

Each tile will have a show slider. The tile will be active when the slider is green and hidden when grey.

The order in which the tiles appear on the row can be adjusted using the Column option. Select the number to correspond with the wanted order.

RESET - Press this button to set the tiles back to the factory default order. CLOSE - This will shut the pop up window. SAVE - Use this button to push the changes to the home page.



## Sites

Sites will go over the adding, editing, deleting and general set up of sites, buildings, and rooms.

#### **Contents** General 36 Add 36 Edit 38 **Buildings** 38 Add 38 Edit 39 Delete 39 Floors 40 Add 40 Edit 40 Сору 41 41 Export 41 Import Delete 42 42 Rooms Add / Edit 42 Add Multiple Rooms 43 Reorder 44 All Macros 44 All Devices 45 Advanced Settings 45 **Control Settings** 46 48 **Adding Technology**



### General

- 1. Select the  $\equiv$  button from the top left corner and select **Control**. New options will appear below.
- 2. Select **Sites** from the new options. A new screen will appear.



### Add

When no site is created, selecting sites from the side menu will always redirect to a site creation form.

- Name Usually the company name, use to identify the site Velocity will be located.
- Multiple Building slider Select this to start the site with two buildings instead of one.
- Address 1 & 2, Post Code, Region, Country, City Used to help determine the exact location of the site, to help when troubleshooting or if there is more than one site with the same name.
- Upload custom image slider Select this option to add a custom image for the site.
   NOTE: Custom images must be .PNG, .JPG, .JPEG, or .BMP file types to display.
- Site/Building image drop down menu Select a Velocity site image.
- Press the **Create Site** button.

**NOTE:** Only one site can be added per gateway.

Assembly
Cafe
& Church
The Pub/Bar
Im Typical Restaurant
🏤 Bungalo Restaurant
Business
Bank Branch
Bank Headquarters
🚔 Cinema
ma Cinema Alt
Convention Center
🚔 Gym
💼 Gym Alt
million Museum (Or Palace)

To import an already created site, follow these steps:

- 1. Select the orange + circle at the bottom right of the screen. A pop up will appear.
- 2. Select the blue Import and Upload button. A folder will open.



ien					
→ ~ 个 📙 > This PC → BXS (F:) → Box Sync → Velocity B	lase		v Ö	Search Velocity Base ,0	
nize - New folder				🎫 • 💷 🕜	
Links ^ Name ^	Date modified	Туре	Size		
Velocity Base Crestron_AT+HDVS-200-TX	5/27/2017 4:19 PM	WinRAR ZIP archive	3741		Upload
Bax Sync Floor - Floor 1 (Copy).json	5/29/2017 8:54 AM	JSON File	-41		
Velocity_0.2.4_Base	3/16/2017 2:39 PM	Open Virtualizatio	2,438,959		
OneDrive SV Velocity_0.3.8_Base	5/23/2017 9:25 AM	Open Virtualizatio	5,197,294	(	
This PC Velocity_License_WorldofWarcraft.lic	5/23/2017 12:47 PM	LIC File	11		
Autodesk 360 Velocity-0.5.3	5/22/2017 10:36 AM	WinRAR archive	486,870		
Depleters	5/23/2017 6:54 AM	WinRAR archive	114,107		
VirtualBox-5.1.18-114002-Win	3/23/2017 10:17 AM		120,421		
Documents BritualBox-5.1.22-115126-Win Downloads	5/26/2017 12:34 PM	Application	120,772	I No preview available.	
Downloads					
E Pictures					
Videos					
OS (C:)					
Files (E)					
BOS (F:)					
Microsoft Office					
~ <			>		

3. Select the site off the local computer and press open.



A new page will open once a site is created or imported.

≡ ⊗	velocity	۵
📩 Rooms 🛛 胡 ABC / Bu	ilding 1	
Floor 1 00		* * 1
Large Conference Room		
Control		
Export		

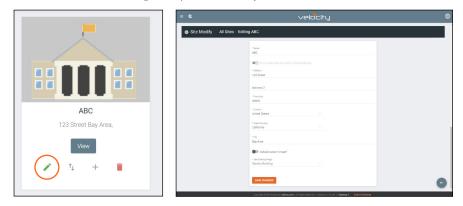
To return to the sites page, press **All Sites** within the top navigation.





# Edit

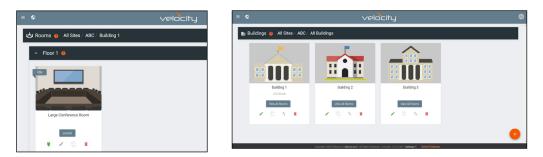
1. Press the Edit Site (pencil) button to update a site's information. A new window will open.



The options on the **Site Modify** window will be the same as the **Add Site** window. The requirements will be the same. Once changed, press the **SAVE CHANGES** button.

# **Buildings**

Once a site is created, it will go straight to the buildings page. If multiple buildings was selected, then two buildings will display.



Using the + button or the navigation below the View All Rooms button, buildings can be added, edited, and deleted from this screen.



## Add

Each site will start with at least one building. If more are needed, they can be added using the + button at the bottom of the page.

≡ ©		velocity		
⊞ B	Buildings 👩 All Sites / ABC / All Buildings			
		SON? Or Add Via Form?		
	Vew Al Rooms		•	

1. Select the purple **Add via Form** button for new buildings and the blue **Import and Upload** button if loading a building based off a previously saved building. A new window will appear or a browse folder will open.



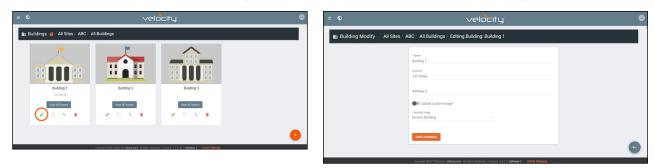
## Sites

pen.	Building 1 1234 New York	Import Via JSON?	Or Add Via Form?
	This PC > BITS (F) > Box Sync > Velocity Bas	ĸ	v D Search Velocity Base P
📕 SS 🌄 Velocity Base	Name  Pelocity_0.2.4_Base	Date modified Type * 3/16/2017 2:39 PM Open Virtualizatio	Size 2,438,959 F
Ex Sync	<ul> <li>Welocky, 0.3.8, Base</li> <li>Welocky-0.5.3</li> <li>Welocky-0.5.3.tar</li> <li>Virtual Rov. 5.1.18-114002-Win</li> </ul>	5/23/2017 6:54 AM WinRAR archive	5, 197, 294 8 406, 870 8 114, 107 8 120, 421 8
This PC Autodesk 360 Desktop	WitualBox-5.1.22-115126-Win		120,772 #
<ul> <li>Documents</li> <li>Downloads</li> <li>Music</li> </ul>			Select a file to preview.
Pictures Wideos			
Files (E:)     BXS (F)     Microsoft Office			
	e name:		> All files ~

- 2. Select the building off the local computer and press open, or fill in the **Building Add** form.
  - Name Usually the building name or suite number, use to identify different buildings.
  - Address 1 & 2 Used to help determine the exact location of the building, to help when troubleshooting.
  - Upload custom image slider Select this option to add a custom image for the building.
  - Building image drop down menu Select a Velocity site image.
  - Press the **Create Building** button.

### Edit

1. Press the Edit site (pencil) button to update a site's information. A new window will open.



The options on the **Building Modify** window will be the same as the **Add Building** window. The requirements will be the same. Once changed, press the **SAVE CHANGES** button.

= 🛇	velocity	٢
Building Modify All Sites	ABC / All Buildings / Editing Building: Building 1	
	"www Buldrig 1 Admini 122 Street	
	Adress 2  Control Adress 2  Adress 2  Adress 2  Adress 4  Adres 4  Adress 4  Adress 4  Adress 4  Adress 4	
	SAR CANESS	G

### Delete

1. Press the **Delete building** (trash can) button to delete a building. A popup confirmation window will appear.



2. Press the **SUBMIT** to delete the building.



# **Floors**

Once a building is created, the **View All Rooms** button can be pressed to go directly to the room and floors areas. One floor and one room will automatically be generated based on the type of building selected during creation.



## Add

Each building will start with at least one floor. If more are needed, they can be added using the : button at the top right of the floor header.

1. Select Add New Floor from the drop down list.

Add Room Add Meeting Room Add Multiple Rooms Import Room	enabled, the number of floors added at once is unlimited, but	Add New Floor Add Several Floors/Room Groups?  Pror Name Floor 3  CANCEL SUBMIT
Edit Floor Copy Floor	• Floor Name - When adding a singular floor, it can be named.	= بواتركتاني المعالية معاد المعالية م المعالية المعالية المعالي
Export Floor	Add New Floor	✓ Floor 2 ●
Import Floor	Add Several Floors/Room Groups?	✓ Floor1 ◎ ^ ✓ 1
Delete Floor	* Total Floors	
Reorder Rooms	10	
All Macros	CANCEL SUBMIT	Large Conference Room Class 1 Class 2 Meeting Room 1
All Devices		E-seeingi) sheddir bdy E-beelingi (sheddir bdy Centry Centry Centry Centry Centry Centry

## Edit

Each building will start with at least one floor. Once a room is added, the name can be changed through the edit function.

1. Select Edit Floor from the drop down list.

Add Room	Editing Floor
Add Meeting Room	* Floor Name
Add Multiple Rooms	Filoor 1
Import Room	CANCEL SUBMIT
Add New Floor	
Edit Floor	
Copy Floor	
Export Floor	
Import Floor	
Delete Floor	
Reorder Rooms	
All Macros	
All Devices	

2. Type in a new name for the floor.



## Сору

1. Select Copy Floor from the drop down list. The floor will duplicate.



## Export

1. Select **Export Floor** from the drop down list. A new window will open.

	🦻 Save As					
dd Room	$\leftarrow \rightarrow - + \uparrow$ $\blacksquare \rightarrow$ This PC $\rightarrow$ BXS (F:) $\rightarrow$ Box Sync $\rightarrow$ Velow	city Base	~ Ö	Search Velocity B	lase	,
add Meeting Room	Organize - New folder					
Add Multiple Rooms	Sax Sync Name	Date modified Type No items match your search.	Size			
mport Room	This PC					
dd New Floor	Desktop					
idit Floor	Downloads     Music     Pictures					
topy Floor	Videos					
xport Floor	1_ OS (C.) Files (E) BOS (F)					
nport Floor	Microsoft Office					
elete Floor	File name: Floor - Floor 3 Save as type: JSON File (jion)					
eorder Rooms	A Hide Folders			Save	Cance	el
Il Macros						
All Devices						

2. Save the file to an easy to remember area (**e.g.** desktop).

## Import

1. Select **Import Floor** from the drop down list. A pop-up window will appear.

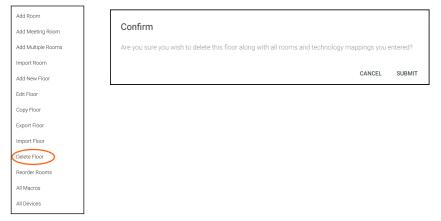
Add Room
Add Meeting Room
ridd moeting riddini
Add Multiple Rooms
dd Multiple Rooms
port Room
dd New Floor
JU NEW FIOOI
dit Floor
opy Floor
opy (100)
Export Floor
xport Floor
Import Floor
Delete Floor
eorder Rooms
II Macros
ui iviaci us
I Devices

- 2. Select Import and Upload. A new window will open.
- 3. Select the file and press **Open**.



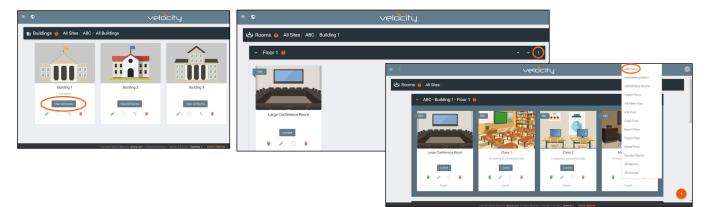
### Delete

1. Select **Delete Floor** from the drop down list. A pop-up window will appear to confirm deletion.



# Rooms

Once a building is created, the **View All Rooms** button can be pressed to go directly to the room and floors areas. One room will automatically be generated based on the type of building selected during creation.



**NOTE:** Any amount of rooms can be added to Velocity, but only the first rooms created up to the license amount will be active for control. **e.g.** If using AT-VGW-HW-3, only the first three rooms created will be controllable. The rest can be set up, but not controlled.

The rooms can be used, edited, imported, exported, reordered, or deleted based on preference.

### Add / Edit

1. Press Edit (pencil) or Add Room from the drop down in the right corner. A new window will open. Edit or Add Room will open the same Room Modify screen.

* Name		
BBBB		
Master Audio Device	Volume Ramp Interval (ms)	
· ·	200	~
* Room Type		
Cafeteria		~
Allow Remote Updates From Atlona		
Drag source to only switch (allows you to	access remote without switching video)	
* Room Image		
Cafeteria		
• Vector		
Image		
O Stock		



- 2. Fill in all the base information
  - **Name** Usually the room number or name.
  - **Room Type** drop down menu- Select a room type within the list that best represents the room.
  - **Room image** drop down menu Select between images to represent the room. There are three image types: vector, stock, and custom image.
  - **Room Info** Provide extra information about the room.

Custom Image       Image	O Custom Image	Bold Italic Underline Monospace
--	----------------	---------------------------------

## Add Multiple Rooms

Multiple rooms can be added at one time.

1. Select Add Multiple Rooms from the drop down list on the top right. A new pop up will appear.

: 6	velocity	velocity:		
📸 Rooms 🧑 All Sites / ABC / Building 1				Add Meeting Room
✓ Floor 1 ❷		^ ~ (i)		Add Multiple Rooms
Vie	■ ♦	√elocity:	Add Room	Import Room
	📩 Rooms 🧧 All Sites /		Add Meeting Room Add Multiple Rooms	Add New Floor
	ABC - Building 1 - Floor 1		Import Room Add New Floor	Edit Floor
	10 <b>1</b> 0		Edit Floor	Copy Floor
Large Conference Room			Copy Floor Deport Floor	Export Floor
Control			Import Floor	Import Floor
		ess 1 Class 2 scheduled today 0 classes(s) scheduled today	Mr Reorder Rooms	Delete Floor
Export			All Macros All Devices	Reorder Rooms
Copyright @	Encor Encor 501 Ations Inc (ations com) All Rights Reserved.    Version: 2.4.2.108    Gateway 1: Active Gateway	per	Event	All Macros
				All Devices

2. Fill in all the base information such as amount of rooms, a prefix to the name that will appear before the room number as they are created, the function of the room (Control, Meeting, or Control and Meeting), room type, and (if meeting or control and meeting is selected) Calendar.

Add Multiple Rooms	Add Multiple Rooms
*Total Number of Room	*Total Number of Room 15
Room Name Prefix	Room Name Prefix
*Type of Room Control and Meeting * Room Type Conference Room (Small)	A *Type of Room Control
*Calendar AT-Outlook	* Room Type Conference Room (Small)
CANCEL SUBMIT	CANCEL SUBMIT

3. Press the **Submit** button. Velocity will take anywhere from 30 second to five minutes to make rooms, depending on the amount being created. Once done the page will refresh.



## Reorder

1. Press Reorder Room from the drop down in the right corner. A new window will open.

Add Room	≡ C1 Help~	velocity	M
Add Meeting Room	QA1 > Building 1 > Floor 1		
Add Multiple Rooms	Symetrix Composer Biamp Tesira Q	ISYS Core BSS Bose Control Space ClearOne Converge Pro2 Old DBX New DBX dave relay SR21 Pro3 1616 Ashly ne24.24M	
Import Room			
Add New Floor	QA1 > Building 2 > Floor 1		
Edit Floor	Entry Way Comp 1 Comp 2		
Copy Floor	QA1 > Building 2 > Floor 2		
Export Floor	Con 1		
Import Floor	QA1 > Building 2 > Floor 3		
Delete Floor	Lec 1		
Reorder Rooms			
All Macros	QA1 > Building 2 > Floor 4		
All Devices	Class 1 Class 2		

2. Select rooms and drag them to the wanted order. Rooms may only be reordered within the same floor.

QA1 > Building 1 > Floor 1	QA1 > Building 1 > Floor 1
Symetrix Composer Biamp Tesira QSYS Core BSS Bose Control Space	Symetrix Composer Biamp Tesira QSYS Core BSS
Symetrix Composer QA1 > Building 2 > Floor 1	QA1 > Building 2 > Floor 1
Entry Way Comp 1 Comp 2	Entry Way Comp 1 Comp 2
QA1 > Building 2 > Floor 2	QA1 > Building 2 > Floor 2
Con 1	Con 1
	QA1 > Building 2 > Floor 3
QA1 > Building 2 > Floor 3	Lec 1
Lec 1	QA1 > Building 2 > Floor 4
QA1 > Building 2 > Floor 4	Class 2 Class 1
Class 1 Class 2	Class 1

## All Macros

1. Press All Macros from the drop down in the right corner. A new window will open.

d Room	≡ ©			velocity	
d Meeting Room					
d Multiple Rooms	Macros				CLOSE
port Room	Search	Q X			
d New Floor	Boom ¥				
it Floor	Room *		Type	Name	
			Other		Edit
py Floor			Other		Edit
port Floor			Other		Edit
port Floor	Classroom 422		Macro	Doc Cam	Edit
001111001	Classroom 422		Event	RoomOn	Edit
lete Floor	Classroom 422		Macro	Unnamed Room Macro 5	Edit
order Rooms	Classroom 422		Macro	Laptop 1	Edit
Macros	Classroom 422		Event	RoomOff	Edit
	Classroom 422		Macro	BYOD	Edit
Devices		0		n). All Rights Reserved.    Version: 2.3.0.83    Gateway 1: Active Gateway	

2. Select Edit on the right side of the screen to open the Macro. Any changes made will save automatically.



Macros						C	CLOSE	
Search	۹	×						
Room		Туре	Name ^					
Custom GUI and DSP		Macro	Volume MuteOn	Volume MuteOn	\$ •	+	^	

Macros can be sorted using the headers at the top or searched for in the search field.

Macros Search	Q X			CLOSE
Room		Type	Name ^	
Custom GUI and DSP		Macro	Volume MuteOn	Edit
Custom GUI and DSP		Macro	Volume MuteOff	Edit
Lab 13J		Trigger	Unnamed Room Trigger Macro 1	Edit

For more information on Macros, see the Macros & Conditions section.

## All Devices

1. Press **All Devices** from the drop down in the right corner. A new window will open.

d Room				\C	elocity	<u> </u>			
d Meeting Room									
Multiple Rooms	Devices							CLOSE EXPORT I	MPORT
port Room	Search Q	×							
d New Floor	Name	IP Address	Port	Authenticate	User Name	Password	Mac Address	Room(s)	
t Floor	(Velocity Command Converter - Serial		4999	No	5221.130112	LASSING	macrimatesez	Lab 13J.	Edit
by Floor	(AT-ANC-108D)		23	No	admin	Atlona		Classroom 422,	Edit
ort Floor	(AT-UHD-SW-510W)	192.168.0.117	443	No	admin	Atlona		Office 101. Berkshire Building B.	Edit
ort Floor	(AT-DISP-CTRL)		23	Yes	admin	Atlona		Lab 13J,	Edit
1111100	(AT-OMNI-512)	192.168.0.20	80	Yes	admin	Atlona		Office 101. Berkshire Building B.	Edit
e Floor	(AT-OME-PS62)		23	No	admin	Atlona		Custom GUI and DSP	Edit
rder Rooms	(AT-OMNI-521)	192.168.0.27	80	Yes	admin	Atlona		Office 101, Berkshire Building B,	Edit
/lacros	(AT-GAIN-120)		23	No	admin	Atlona		Lab 13.J.	Edit
	(AT-ANC-108D)		23	No	admin	Atlona		Office 101, Berkshire Building B,	Edit

2. Select Edit on the right side of the screen to adjust device settings. Name (alias), IP Address, Port, Authentication, User Name, Password, Mac Address, and IP Linking can be updated here.



## **Advanced Settings**

Once the basic information the room's control can be adjusted from within the room technology page by selecting the <sup>로</sup> button.

lde		💲 生 Technolog	у			≠ 📰 +
	Room 1					
	Control	× Room Control Option	ns	8		
	💌 🖍 🗇 🖷 Export	Room Name:	Conference	×		



## **Control Settings**

× Room Control Op	tions	2
Room Name:	Conference	×
	¢ 0	
	CONTROL SETTINGS	
ふAutomation		
Macros:		
Event Macros:		
Room Triggers:	Ŷ	
Variables:	0	
Conditions:	۲	
Boot Macro:	Macro	

### AUTOMATION

- **Macros** Program a command or group of commands, that shows as a button within the page control screen. See Macros.
- **Event Macros** Program a command or group of commands, that will be triggered by a room event or at a set time. See Event Macros.
- **Room Triggers** Programs a command or group of commands that will occur on a trigger event. See Room Triggers.
- Variables View the Variables section for information.
- **Conditions** Select to view and edit the current command conditions. View the **Conditions** section for more information.
- Boot Macro See the Boot Macro section for information.

Audio and Dialer Settings			
Master Audo Device		Volume Ramp Interval (ms) 200	
Dialpad Device		Ø Dialpad Line Number	
Video Conference Device			
Enable Audio Follow Video			
Enable Independent Audio Switching			

### AUDIO and DIALER SETTINGS

- Master Audio Device Select the room's main audio control device. Only devices that have been added to the room are available from the drop down menu.
- Volume Ramp Interval (ms) Select the amount of time (milliseconds) between a volume command being repeated when the button is held down.
- **Dialpad Device** Select the dialpad device from the drop down menu. Only devices that have been added to the room are available.
- Dialpad Line Number Set the line number the VoIP device will run on.

**NOTE:** Dialpad options will be used with DSPs and Codecs for making calls.

- Video Conference Device Select the video conference device from the drop down menu. Only devices that have been added to the room are available.
- **Enable Audio Follow Video** Set this to enable when using devices that have separate audio and video routing, to have the audio output follow the linked video output.
- **Enable Independent Audio Switching** Set this to enabled when using a device that has separate audio and video, to have the audio output route separately from the video.

Hide Auto Answer	
Hide Redial	
Hide Contacts	
Hide History	
Hide Camera	
Hide Presets	
Hide Remote	
Hide Presentation	

- **Hide Auto Answer** Show or hide the auto answer button on the conference control screen.
- Hide Redial, Contacts, History, Camera, Presets, Remote, and Presentation - Show and hide these options on the conference control screen.

Control Page Settings		-
- control ruge cettings	English	
	Spanish	
Default Synchronized Tablet Language	French	
	German	
	Italian	
	Swedish	

Off Delay Timer:	D seconds	×	R
ontrol Page Layout			•

### **CONTROL PAGE SETTINGS**

• **Default Synchronized Table Language** - Select the language to be displayed on the control tablet.

## ROOM ON/ROOM OFF

 Room On Delay Timer - Set the amount of time between when the room commands are sent and the control screens can be accessed.
 eriods to complete before more commands are sent

This allows for device warm up periods to complete before more commands are sent.

Room Off Delay Timer - Set the amount of delay between when the Room Off commands are being sent and when the home screen can be accessed. This allows for a cool down period for all devices (such as a projector) before the Room On command can be sent.



Enable Switching on Source Drag 😧 Enable Touch Panel Mirroring 😢	0- 0-	
Numeric Passcode Locking Enable Passcode Locking	•	

### **CONTROL PAGE LAYOUT**

- **Enable Split Room** Select this slider to allow or disallow split rooms. View Split Rooms section for more information.
- Enable Switching on Source Drag When disabled, the source can be switched by clicking on the source icon or dragging and dropping the source on the display icon. When enabled, clicking a source will not switch sources and only dragging and dropping the source icon onto the display icon will switching. Enable when using the remote control when not wanting to make a source change.



NOTE: This is used with single monitor control screens.

• **Enable Touch Panel Mirroring** - Enable this for rooms with multiple control screens to keep those screens in sync with each other.

Dumeric Passcode Locking	
Enable Passcode Locking	
Lock timeout (in seconds)	300
Valid Passcodes	
Passcode 1	

### Numeric Passcode Locking

- **Enable Passcode Locking** Select this slider to enable control screen locking. New options will appear when selected. This will lock the control screen and require a passcode to unlock.
- Lock Timeout (In seconds) Sets the amount of time between the last control panel use and when the lock screen appears.
- Valid Passcodes Enter in the passcodes to be used to unlock the

the control panel. Multiple passcodes can be set per room if multiple users will be using the same control page (as with split rooms).

**NOTE:** If the passcode is left blank, press the green arrow button on the lock screen to unlock the room.

• APPLY CHANGES (found at top right of menu)- Select this button to update the page will all the selected settings.



# **Adding Technology**

The room created will not be considered set up until at least 1 source and 1 display have been added and linked.

Modify Room All Sites / ABC / Building 1 / Meeting Room 1

R
±

Modify Room All Sites / ABC / Building 1 / Meeting Room 1

R

New technology can be added using either the large + in the center of the window or the + on the top right. Once pressed, a new menu will appear on the page.

×	Technology (All)     Al Stes >> ABC >> Building	iii ♥ ( 1 >> 888		ılı ≣ Ç	* 0	o (≣ ce	×
Searc	ch Equipment	Search Cauloment	ARCH CLEAN	R REQUEST	DRIVER		
10	All						~
di i	Audio						~
*	Climate Control						~
×	Control						~
	Displays						~
-	Game						~
	Miscellaneous						*
Q	Lighting						*
0	Security						*
D)	Teleconference						*
1Ξ	Screens/Shades						~
00.00	Projectors						×
181	Sources						*
۲	Video Distribution						*
<->	Networked (Room Assigned)						~
<->	Networked (Unassigned)						~
cu	EAR UNASSIGNED SCAN NETWORK						

The easiest way to set up a room is to add all devices first and then link them, as links will not appear as options for drop down menus until they have been added to a room.

×	Technology (All)     All Sites >> ABC >> Building 1 >>			<b>ii</b> .h	₿ Q	* 0	∎× ‡⊟	∞ .⊀	
Searc	ch Equipment	Search ()	SEARCH	CLEAR	REQUEST	DRIVER			
	All							~	_
di -	Audio							~	
\$	Climate Control							~	
х.	Control							~	
	Displays							~	
889	Game							~	
	Miscellaneous							~	
Q	Lighting							~	
0	Security							~	
-	Teleconference							~	
tΞ	Screens/Shades							~	
<b>E</b> 81	Projectors							~	
	Sources							~	
۲	Video Distribution							~	
<>	Networked (Room Assigned)							~	
<··>	Networked (Unassigned)							~	
CLE	EAR UNASSIGNED SCAN NETWORK								



Devices discovered through the mDNS autoscan will display under the unallocated list until added to a room. For devices without mDNS, Velocity will need to do a network scan to find them.

1. Press the Scan Network button.

		CLEAR UNASSIGNED	SCAN NETWOR
Scan Network	Scan Network		
Available Networks			
Select Network	Select Network		
Scan HTTPS ports	Custom Range		
Note: Enabling scan HTTPS ports will increase total scan time	eth0: 10.20.40.2/24		
	10.20.40.0/24		
	10.20.40.200 - 10.20.40.255		
	192.168.100.1 - 192.168.200.255		
	10.20.50.0/24		
CLOSE SCHEDULE SCAN SCAN NETWORK	192.168.100.1 - 192.168.200.1		
Score Sone Sone Sone Sone Sone Sone Sone Son	N NETWO	RK	

- 2. Select Custom Range (a new screen will take over) or the auto detected network eth0.
  - a. If the auto detected network eth0 is selected, press Scan Network to start the scan.
  - b. If Custom Range is selected, select between IP Range and Subnet Scan

Scan Network	Custom Network Scan
Available Networks eth0: 10.20.40.2/24	Please enter the start and end IP addresses for scanning. Scan is inclusive of the start and end IP Addresses.
Scan HTTPS ports Note: Enabling scan HTTPS ports will increase total scan time	<ul> <li>IP Range</li> <li>Subnet Scan</li> </ul>
Identifying Equipment Please Wait	Start IP End IP (-)
CLOSE SCAN NETWORK	CANCEL SUBMIT

1. Type in the network range or subnet information.

**NOTE:** It is recommended to keep the network range scan to under a 512 IP range. The larger the network range, the longer the scan will take. On subnet scan, Velocity/AMS will automatically limit the scan to 512 on subnet 23 or 256 on subnet 24.

Custom Network Scan	Custom Network Scan
Please enter the start and end IP addresses for scanning. Scan is inclusive of the start and Addresses.	Please enter the starting IP address for scanning. Scan will range through the full subnet (CIDR) displayed below.
IP Range	O IP Range
O Subnet Scan	Subnet Scan
Start IP         End IP           192.168.11.1         192.168.11.254         (192.168.11.1 - 192.168.11.254)         🖬	* IP Address Subnet 192.168.11.229 /24 ~ (192.168.11.0/24)
CANCEL	SUBMIT CANCEL SUBMIT

- 2. Press the save icon next to IP field. A green CustomNetwork Saved Successfully message will appear at the bottom of the page when the custom scan settings are saved.
- 3. Press the Submit button to start the scan. The pop up will close when the scan is completed.



<···>	Networked (Room Assigned)		^
	Rooms: Conference Room		
,		Sony Blu Ray	Add
	Rooms: Conference Room		
		Sony TV	Add
<··>	Networked (Unassigned)		^
		AT-HD-SC-500 Three-input HD Video Scaler for HDMI and VGA Signals 10.0.1.1	Add 168 Pinging
		AF-OMNI-112 OmniStream Dual-Channel Networked AV Encoder	Add Pinging
	1 (a. 6) 	AT-OMNI-122 OmmiStream Dual-Channel Networked AV Decoder	Add Pinging
CLE	EAR UNASSIGNED SCAN NE	Austhäle Hersonia TWORK All Networks CANCEL	

All Atlona devices on the network will be placed into the Networked (Unassigned) menu selection.

4. Press the **Add** button on all devices that belong to the current room. A device added message will appear on the bottom of the screen.

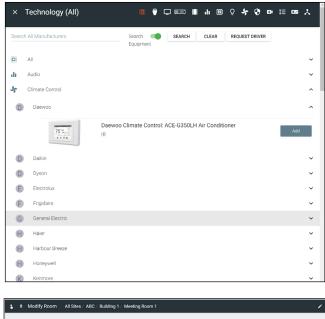
Once all Atlona devices are added to the room, the sources and displays will need to be added.

5. Select between the top navigation or sections in the default menu (menu will always start on **All**) to search for sources, displays, and other types of equipment that will be in the room.

Each button along the top menu corresponds with the sections of the All menu.

All	Video Switchers	Displays	Projectors	Video Sources	Audio Systems	Misc/Aux	Lighting	Climate Control	Security	Teleconference	Screens/Shades	Video Games	RS232 & IR Interface

1. Find the device you are looking for in the menu or by using the search field.



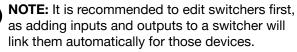
- 2. Select **Add** on the device (recommended) to add the device to the room. A Room Device Saved Successfully message will appear in green at the bottom of the screen. If more devices are needed, complete adding those.
- 3. When finished adding all devices, press the X in the top left corner next to Equipment Catalog to go to the main screen.



**NOTE:** If a device is not found in the directory, use the **REQUEST DRIVER** button in the top right to go to atlona.com's control driver request form. This is only available if the PC connected to Velocity is online and will take over the current window.

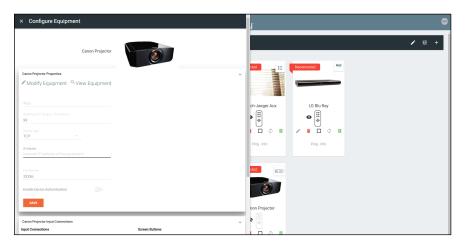
Once all devices have been added to the room, they can be linked to each other.

4. Press **Edit** on any of the devices in the room. A menu will appear on the left side of the window.





- 5. Select the control type of the device.
  - If TCP, then enter the IP of the device and port number
  - If RS-232, then enter the baud rate and type of connection.



Canon Projector Properties
Modify Equipment Q View Equipment
Alias
Ordering (0 for 1st spot, 1 for next etc) 99
Control Type RS232 *
Baud Rate
Parity None 💌
Data Bits 8 •
Stop Bits
RS232 Connection
Enable Device Authentication
SAVE

6. Select the routing information for the device (if it is not already linked).

AT-UHD-F	R03-44M Input Connections					~
Input Con	nections			Screen Buttons		
HDMI 1	Device	Output	Ordering	Alias Sony Blu Ray	Show	
HDMI 2	Velocity Touch Panel 800 AT-UHD-PR03-44M	O - OUTPUT		HDMI 2	Show	H
HDMI 3	AT-UHD-PR03-44M AT-UHD-PR03-44M	- HDBaseT 2 - HDBaseT 3		HDMI 3	Show	
HDMI 4	AT-UHD-PR03-44M AT-UHD-PR03-44M	- HDBaseT 4 - HDMI 5	Ordering	Alias HDMI 4	- Show	L
SAV	Sony Blu Ray	- OUTPUT				

- **Show** Select the slider to toggle if the input device will display on the control device or not. Input devices that are not controlled, such as an Extender, can still be shown in the control window.
  - a. Create an Alias for the device (such as a product SKU or type)
  - b. Select the Show slider.
  - c. Choose an **Icon** or upload a custom icon.
  - d. Press the SAVE button.

Once all devices are set up and linked, the room is ready to be controlled.



**NOTE:** Atlona device settings must be changed through the device webGUI or AMS. See device user manual for instructions for login and device settings (such as network settings).



# **Device Groups**

Velocity has the ability to group like devices together. Use the device groups to simultaneously control a set of devices, such as turning on all Sony TVs at a site.



NOTE: Rooms and devices must be set up before starting to create device groups.

- 1. Select the  $\equiv$  button from the top left corner and select **Control**.
- 2. More options will appear. Select Device Groups. A new screen will open.
- 3. Select the + (add) button on the right side of the screen. A new screen will open.

C Q Help      E	+ No Heards Found
	No Records Found
AA Name Total Devices Manufacturer Equipment Type Last Change Ohanged By	
agia.com	
★ Home Notestant from	
Control	
Sites	
□ Device Drivers	
Scheduling >	
Management	•

- 4. Type in a group name that will provide an easy hint to what the group controls. e.g. Sony TVs
- 5. Select the manufacturer of the controlled devices. A new option will appear below the drop down menu once selected.

≡ Ω Help×	velocity Ø	
Device Group Add		Name
		Group 1
	Name	
	Manufacturer v	All Manufacturers
	CREATE DEVICEMENT	Atlona
		Biamp
		Directv
		Global Cache
		Lg
		Sony
	9	Xfinity
Copyright 02018 Atlona Inc (#	All Rights Reserved   (Phone +1 877.505.9776 ())27 Toll final  +1 408.905.0515 ()29   Viternational +41 43.508.4021   Vession: 1 4.3 - Active Cademaay	

6. Select the equipment type from the drop down menu. New options will appear below the equipment type.

**NOTE:** Only the same equipment type will be grouped. If two different Sony TV types are on the list, only one may be selected and controlled.

Name	Name
Group 1	Group 1
Manufacturer	Manufacture:
Sony	Sony
Equipment Type	Sony TV Sony TV (Non IR)
CREATE DEVICEGROUP	CREATE DEVICEGROUP



- 7. Select the control type for the device commands to be sent as.
- 8. Choose the Select All check box or select individual devices from the drop down menu to be controlled.

Name	Name		
Group 1	Group 1		
Manufacturer	Manufacture	er	
Sony	Sony		~
Equipment Type	Equipment T	vpe	
Sony TV (Non IR)	Sony TV (		~
	Sony IV	Normy	
Control Type	Control Type		
TCP	TCP		~
Select All	Sele	ect All	
Select All		ALL ALL	
Grouped Devices (0)	Sony L	eft	
	Sony F	light	
CREATE DEVICEGROUP	ODEATE	DEVICEGROUP	Sony Left
	GREATE	DEVICEGROUP	Sony Right
			oony nigin

9. Press the **CREATE DEVICEGROUP** button to save. The screen will return to the main Device Group page and display a green successful message at the bottom.

=	::	Help 🗸						
•	D	evice Group Li	st					
		Showing All Device G	roups			+		
Ľ		Name	Total Devices	Manufacturer	Equipment Type	Last Change	Changed By	
		Group 1	2	Sony	Sony TV (Non IR)	1 Second	A, A	/
		Search By Any Field Visible	Q SEARCH			<	1 <b>&gt;</b>	
					DeviceGroup Saved Successfully. UNDO			•



# Control

(

Once a room has been set up, it can be controlled through either a web browser or a control device such as the Velocity Touch Pad (e.g. AT-VTP-800-BL).

**NOTE:** Instructions on syncing the Velocity Touch Pads can be found within the unit's Installation Guide.

# Contents

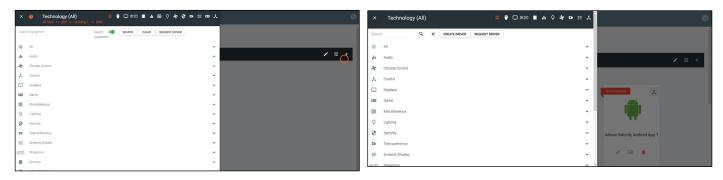
Adding Control Screen Devic	e
General	
Device Remote	



# **Adding Control Screen Device**

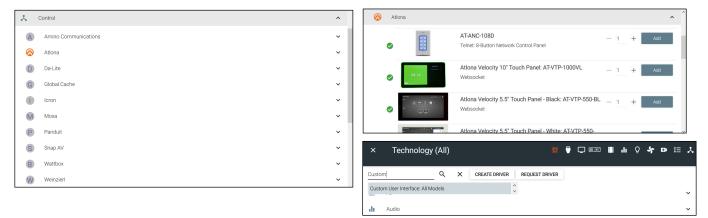
Once the room has been set up, the control device for each room should be set up. Atlona's touch panels (AT-VTP or AT-VSP), Android, iOS, or browsers can be set as the control device for the room. There will be a default control screen already set up, but a custom user interface can also be created per device.

1. Press the + button in the top right corner, the technology selection menu will open on the left side of the screen.

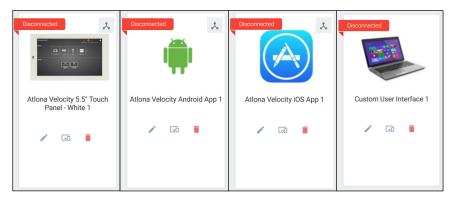


2. Select the control device from the selection menu or search for the specific device. A device tile will appear in the room.

**NOTE:** If building the control on site, the device will be added to the room through the syncing process. If setting the site up at a different location, search/select from the Technology menu.



There are a variety of options for control screens: Velocity Touch Panels, Android App (this can be downloaded to a tablet or phone through the Play Store), iOS App (downloaded through Apple Play Store), Windows device (downloaded from the Windows Store) and web browser (search Custom User Interface to use for a web browser).



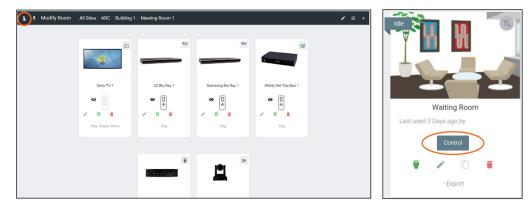
The default control interface will be linked to the devices to start with, but a Custom User Interface can be created for each device. View the Custom Control Interface section to view how to set up a new room.

ň



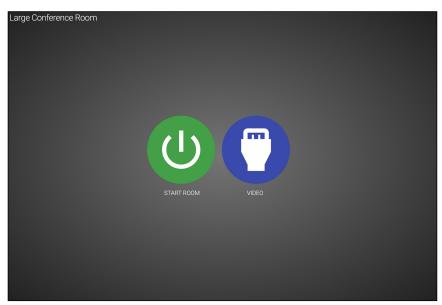
# General

There are three places within the web browser to open the control screen:



- 1. Within the add technology page, after all devices have been set up and linked, press the S button on the top left bar.
- 2. Within the room list page, press the **Control** button located in the room box.

A new window will open.

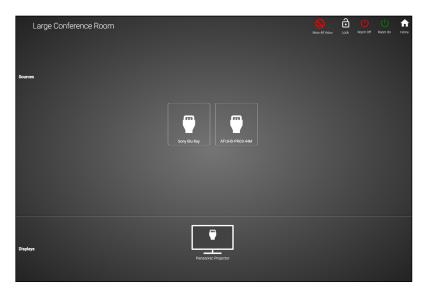


The icons showing on the control screen will appear the same across web browser and control touch pads.

3. Press the **START ROOM** button to send on commands to all the devices in the room (excluding any that were excluded during room set up) or press the **VIDEO** button to open the room and control all the devices manually.

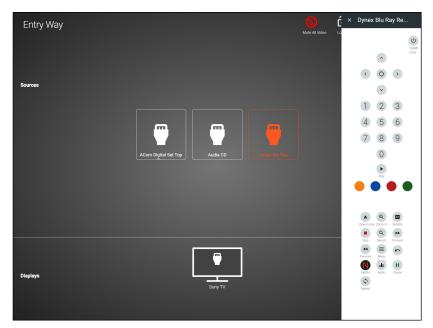
A new window will open.





On this screen, devices can be controlled by selecting (web browser) or touching (touch pads) the icons.

4. Click on the device to open the control field and switch inputs to that source.



Within this screen, all devices can be controlled and routed.



# **Device Remote**

The control remote for each product may be adjusted, either in the equipment manager or within the technology page.

\$ ± Modify	Room All Sites / A	ABC / Building 1 / Mee	ting Room 1			1	荘 +
				Ť			
	AT-UHD-CLS	8 🔹 🗡	AT-H2H-44M	Ping-Info	Sony Game		

1. Select the remote icon. A pop up will appear.

a. If the eye icon next to the remote has a slash and the remote is grey, press the eye (view) icon to show the remote. A remote can only be edited if it is set to show.

2. Select the OK button on the Information window to make the remote available for editing.

Room Name H :	velocity	× Room Name Here (*)
U U	+ ≆ ش	<u>ن</u>
	Information	
	MESIVIE You are now going into edit mode of this remote. If you wait to best against this device or with the command, double clock a buttom if and clock. The Buttom I. You waith to more buttoms or define them, effer day them ansued or clock the X in the come. Location than remote with these changes. ansues, clo	
	Xfinity Set Top Box 1	

3. Press the : button in the corner to adjust remote button sizes (settings), add buttons, or revert the remote back to original settings.



a. Select **Settings** to adjust the size of the remote buttons. A pop up will open.

		U U
Remote Settings	Remote Settings	×
Remote Wath (*pole) 320 ~	5	$\overset{\times}{\overset{\times}} \bigcirc \overset{\times}{\overset{\times}} \rightarrow \overset{\times}{\overset{\times}}$
Remote Columns	4	×
CLOSE SAVE	2	+ + +

1. Set the pixel width for the remote. Do not set the width greater than the screen. VTP-800 is 962x601, so when using it horizontal the remote should not be greater than 601 pixels.

2. Select the number of columns from the drop down menu and press the SAVE button. The remote will update with the correct amount of columns, making the buttons bigger as it does.

Room Name Here

b. Select Add to create new buttons that are not part of the original remote. A new pop up window will appear.



a **Panduit** company

**NOTE:** This is the same screen that will be seen for editing a current button. To edit a button already on the remote, double click the button to open the Button Builder window.

1. Select a command or macro from the drop down menu. If editing a current button, the command will already be selected.

-			Button Builder		
Button Builder			ON PRESS	ON RELEASE	BUTTON STYLE
ON PRESS	ON RELEASE	BUTTON STYLE	Choose a macro or command for on press button Command: SLOW FORWARD		Command Encoding ASCII *
Choose a macro or command for on press button					
None selected			Repeat Interval (milliseconds)		
Command: 3D			v v		
Command: ANGLE Command: AUDIO					
Command: Addito		NGE	FS .		,
Command: CURSOR DOWN					
Command: CURSOR ENTER			Command Details (Show)		
Command: CURSOR LEFT Command: CURSOR RIGHT			Delete		
Command: CURSOR UP					
Command: DIGIT 0			Delete		
Command: DIGIT 1 Command: DIGIT 2					SAVE CHANG

- 2. Select between ASCII and HEX for the Command Encoding type.
- 3. \*Optional\* If the command needs repeating (such as volume up), type the time in milliseconds in the the Repeat Interval field.
- \*Optional\* Select the ON RELEASE tab for commands that require a follow up command. e.g. Pan tilt stop for any on press commands for pan tilt. The selected command will send once the button is released.

ON PRESS	ON RELEASE	BUTTON STYLE
ose a macro or command for on release of button		
one selected		Ŧ

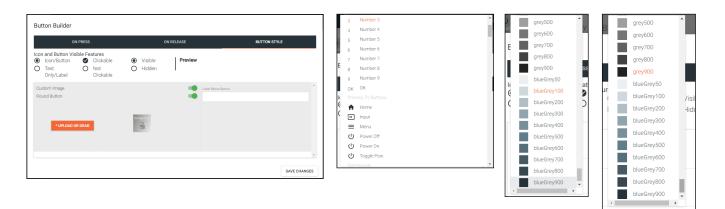
5. Select the **BUTTON STYLE** tab to provide a custom look for the button.

ON PRESS			ON RELEASE			BUTTON STYLE		
Con and Button Icon/Butto Text Only/Label	n 🔮 🔿	atures Clickable Not Clickable	) ()	Visible Hidden	Preview			
Custom Image * Button Icon/Text Other					•	Label Below Button		
* Button Color blueGrey100		* Icon/Text Color On Bi grey900		Custom Text	(Max 5)			

- 6. Select the Icon and Button Visible Features. Once customization options are chosen, the button will preview to the right, if Visible is selected.
- \*Optional\* Select the custom image slider to import a custom button background. Drag and drop the image into the upload or drag box or press the upload or drag button to browse the local computer for the custom button background.



# Control



- 8. Select from the button icon text drop down menu. The menu will have generic text and icons to choose from. Select other to provide custom text for the button.
- 9. Select the colors of the button and text.
- 10. \*Optional\* Type text into the Label Below Button field.

ON PRESS			ON RELEASE			BUTTON STYLE	
Con and Buttor Icon/Butto Text Only/Label	n 🔮 🔿	Clickable	) ()	Visible Hidden	Preview		Peanut
Custom Image * Button Icon/Text Freeze					•	Label Below Button Peanut	
* Button Color blueGrey500		* Icon/Text Color On grey900					

11. Once all selections are made, press the save changes button. The button builder will close and the remote preview will update.



- 12. Once all button changes are made, press the X (close) button on the top left corner of the remote preview. A new pop up window will appear.
- 13. Press submit to save all the changes and push them to the control page.



# **Device Drivers**

Velocity has provided a database of device drivers that can be added to and customized.

## **Contents**

General	62
Add	62
Edit	70
Delete	71
Custom Switcher	71
DSP	76
Variables	81



# General

1. Press the  $\equiv$  button on the top right of the screen.

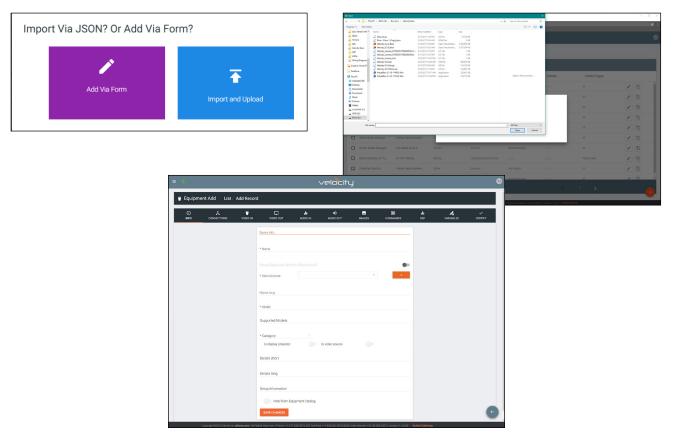
≡ ©					velocity			
	190	Device Drivers	REQUEST DRIVER EXPORT	EQUIPMENT LIST				
	13331	Showing All Ec						
a@a.com		Name	Model	Manufacturer	Category	Sub Category	Control Types	
		Vaddio Conferences	HO ConferenceSHOT 10	Vaddio	Teleconference		Telnet	/
A Home		AT-OMNI-111	AT-OMNI-111	Atlona	VideoDistribution	IPSwitchers	Websocket	/
		AT-OMNI-112	AT-OMNI-112	Atlona	VideoDistribution	IPSwitchers	Websocket	/
Control	>	AT-OMNI-121	AT-OMNI-121	Atlona	VideoDistribution	IPSwitchers	Websocket	/
All Rooms		AT-OMNI-122	AT-OMNI-122	Atlona	VideoDistribution	IPSwitchers	Websocket	/
Device Drivers		AT-OMNI-232	AT-OMNI-232	Atlona	Audio	Atlona	UDP	/
					25 🗸	_	< 1	>
Scheduling	>							

- 2. Select **Control** from the menu. New options will open.
- 3. Select Device Drivers. A new screen will appear.

## Add

If there is a device not in the database, new equipment can be added.

- 1. Press the + button on the bottom right of the screen. A pop-up will appear.
- 2. Select the purple **Add via Form** button for creating a new device and the blue **Import and Upload** button if creating a device based off a previously created device. A new window will appear or a browse folder will open.
- 3. Select the device off the local computer and press open, or fill in the device add form.





## **Device Drivers**

					velociti	-J.				
e Equipme	ent Add List /	Add Recor	d							
() NFO		VIDEO IN	VIDEO OUT	<b>II.</b> NI CIOLIA	€) Audo cidua	IMAGES	COMMANDS	di CSP	VARIABLES	CERTIFY
			Device Info :							
			* Name							
			* Manufacturer:			v	•			
			Nome long * Model							
			Supported Models							
			* Category							
			is display projector		Is video source					
			Details long							
			Setup Information							
			Hide From Eq	uipment Catalog						
	Copyright 82019 Atlana lac (	(ationa.com). All R	SAVE CHANGES	7.536.3975 (US Tol-fre	w) 1+1,430.962.0515 (US)	International: +41.43.50	1.4521   Version: 1.5.0.85	Active Gateway		Ċ

### a. INFO Tab

Name - Provide a name for the device.

Manufacturer - Add the manufacturer.

Name long - Provide extra information for a device.

Model - Provide the model name or number for the device.

**Category** - Choose the category that best fits the device, from a list of device types. Device slider

**Is display / projector** - Select this slider if the device is a display or projector **Is video source** - Select this slider if the device is a video source

**Details short** - Type in extra device information (optional).

**Details long** - Type in extra device information (optional).

**Setup Information** - Provide details for set up and installation (optional).

INFO CONNECTIONS VIDEO	IN VIDEO OUT AUDIO IN AUDIO OUT IMAGES COMMANDS	III Control of the second seco	
	Control Setup:		
	Show Auclio Control Page		
	Show Preset Control Page		Keep Alive Settings:
	Show Trigger Control Page		Reep Airve Settlings.
	Control Types CLEAR		Enable Command Based Keep Alive
	WEBSOCKET TOP 55H HTTP IR R5232		
	TELNET UDP Default Conneard Truttle		Keep Alive Command
	0ms		
	Default Authentication:		Interval To Send (In Seconds)
	Username		
	Password		
	Keep Alive Settings:		SAVE CHANGES
	Enable Command Based Keep Alive		
	On Connection Command		
	SAVE CHANGES	e	

b. CONNECTIONS Tab

**Show Audio Control Page** - Select the slider to show audio control options within the room control. **Show Preset Control Page** - Select the slider to show preset control options within the room control. **Show Trigger Control Page** - Select the slider to show trigger control options within the room control. **Control Types** - Select all the types of control the device accepts.

### **NOTE:** As control options are added, extra device setting fields will appear.

Authentication - Provide the username and password for the control options.

**Enable Command Based Keep Alive** - Use the slider to enable/disable Velocity to keep the device's TCP port active. New options will appear when enabled.



**Keep Alive Command** - Provide the command to keep the device connection alive. The command will be found in the device's manual.



**NOTE:** To enter a carriage return as the keep alive command, **\x0D** must be entered. **NOTE:** To enter a HEX command, **\x** must be entered before the command or it will not pass.

**Interval To Send (In Seconds)** - Set the amount of time between each time the Keep Alive Command is sent. Set from 0 to 360 seconds.

() INFO	TVIDEO IN	VIDEO OUT	<b>ili</b> AUDIO IN	▲) AUDIO OUT	IMAGES	E COMMANDS	<b>.lı</b> DSP	VARIABLES	CERTIFY
		Video Inputs:							
		Has video inputs							
		Video inputs							
		Select all available input ANALOG RGB 1 P				^			
		ANTENNA 1 ANTENNA A							
		ANTENNA B     ANYNET     AUDIO INPUT							
		AUDIO INPUT1 AUDIO INPUT2							
		AV AV 1							
		AV 2 AV 3							
		AV1				Y			

c. VIDEO IN Tab

**Video inputs** - This slider auto adjusts when inputs are selected. **Select all available inputs** - Select the checkbox of all input types that the device has.

() INFO	TIDEO IN	VIDEO OUT	II AUDIO IN	AUDIO OUT	IMAGES	COMMANDS	<b>ili</b> DSP	VARIABLES	CERTIFY
		Video Outputs:							
		Has video outputs							
		Video outputs							
		SAVE CHANGES							

d. VIDEO OUT Tab

Has video outputs - Select this slider if the device has video outputs.

Video outputs - Type in all types of output ports the device has, separate each type with a comma e.g. HDMI, HDBaseT, DisplayPort

() INFO	CONNECTIONS	VIDEO IN	VIDEO OUT	<b>ili</b> Audio in	TUO OIDLA	IMAGES	COMMANDS	<b>ili</b> DSP	VARIABLES	CERTIFY
			Audio Inputs: Has audio Inputs							
			Audio inputs							
			Select all available inputs ANALOG RGB 1 PC ANTENNA ANTENNA 1				^			
			ANTENNA A ANTENNA B ANYNET AUDIO INPUT							
			AUDIO INPUT1 AUDIO INPUT2 AV							
			AV 1 AV 2 AV 3 AV 1				v			
			SAVE CHANGES							

e. AUDIO IN Tab

**Has audio inputs** - This slider auto adjusts when inputs are selected. **Select all available inputs** - Select the checkbox of all input types that the device has.



() INFO	CONNECTIONS	T VIDEO IN	VIDEO OUT	II NI OIDUA	DID OIDUA	IMAGES	COMMANDS	ull DSP	VARIABLES	CERTIFY
		Γ.	Audio Outputs:							
			las audio cutputs							
		1	Audio outputs							
		1	SAVE CHANGES							

f. AUDIO OUT Tab

Has audio outputs - Select this slider if the device has audio outputs.

Audio outputs - Type in all types of output ports the device has, separate each type with a comma e.g. L / R, S/PDIF, MIC / LINE OUT

() INFO	VIDEO IN		<b>ili</b> Audio in	•) AUDIO OIDUA	IMAGES	<b>ili</b> DSP	VARIABLES	CERTIFY
		Devce Images: Image thumb UPLOAD OR UPLOAD OR UPLOAD OR SAVE CHANGES						

g. IMAGES Tab

**Thumbnail** - Upload a custom thumbnail that represents the device to show on the control screen. **Image** - Upload a custom image to show on the add technology page.

	ent Add	List » Add	Record								0			<b>н</b> н ооды т		MARES 0	() ()	-h 197		4
() INFO	CONNECTIONS	VIDEO IN	VIDEO OUT	II AUDIO IN	AUDIO OUT	IMAGES	COMMANDS	<b>ili</b> DSP	VARIABLES	CERTIFY		Alter voe ee	011					41232	•	TOP
												Run On Connect Command Name		Command Spetter (TDP)		Input or Default Comman			Parameters	
	Commands:											POWER ON								• Sales
	ASCII • VI	DEO REMOTE										POWCROFF							-	• Datest • Spear
												VELONE UP		Command Symax						• 00850 • 0007
	** Add control type(:	s) on Connections	tab. **									• VELLARE DOWN		Command Byrrax						• Defete • Gener
	NEW COMMAND	Copy Commar	ds: None *	To: None *	COPY			Protocol Terminatio				• VOLUME SET		Command Systax		Volume Bet			=	• Delete • Copy
								Protocol reminato				MUTEON				March				• Delete • Scoty
	Driver SDK Editor:											MUTLOFF		Command Syntax						Dolette     Copy
1	DRIVER EDITOR											MUTE TODALE		Command Systax		Mute Topple	• 8	oni •	-	• 0x8xx
												NEA COMMUND COR	Commande: None +	To lore + 1	COPY			Instand		
	SAVE CHANGES											Driver SDK Editor								
											1	DRIVERID TOR								
												Checksure-Algorithms								

h. COMMANDS Tab

**NOTE:** Commands cannot be added unless control types have been selected on the **Connections** tab. Default command names will be displayed in the Commands tab once a control type has been selected.

**Run On Connect** Slider - Select this slider to have the command run when the device connects with Velocity.

**Command Types** - Select between control command formats: ASCII and Hex.

**Video Remote** - Press this button to open the control remote. The control remote will be the same one that appears on the room control page.

#### **Command Information**

Command Name - Provide a name for the command that explains what the command does in a quick word or phrase.

Command Syntax - Type in the command sequence (found in the device's manual).

Expected Response - Type in the command feedback (found in the device's manual).

Termination - Select the command termination: LF (line feed), CR (carriage return), CRLF (carriage return and line feed), None.

Parameters - Opens a pop-up window that displays the current parameters of the command. Delete - Removes a command that is not needed.

### **NOTE:** Parameters require the characters: %v to be added to see any parameters.

New command - Pressing this button will create a new command line to be filled in.





Driver SDK Editor.	NEW COMMAND	Copy Commands: Non	e 🔻 To: Nor	e 🔻 COP	Protocol Termination: none *
	Driver SDK Editor:				
	DRIVER EDITOR				
	Checksum Algorithm:				

**Protocol Termination** - Drop down selection that applies the same termination to all commands: CR, LF, CRLF, or none.

Clear Commands - Press this button to remove all the current commands from the page.

**Copy from TCP** - Copies the command from TCP/IP over to RS-232.

Copy from RS - Copies the command from RS-232 over to TCP/IP.

Driver Editor - This button opens a new window to allow for programming a control driver.

### **NOTE:** This driver editor is for those with programming experience.

Checksum Algorithm - Use this slider to enable checksum on commands. New options will appear.

Checksum Algorithm:	any command and select the parameters	and enable the checksum checkbox whi	ich will be replaced by the calculation of the	
Algorithm to Use: Sum	None XOR Checksum OR Checksum Sum bits and Modulo Sum Sum and Use Low Byte Sum and Use High Byte CRC8 CRC8 Light Byte CRC8_CDMA2000 CRC8_DARC CRC8_DARC CRC8_EBU CRC8_LCODE CRC8_LCODE CRC8_LCODE CRC8_LCU CRC8_MAXIM	CRC8_ROHC CRC8_WCDMA CRC16_ARC CRC16_AUG_CCITT CRC16_BUYPASS CRC16_CCITT_FALSE CRC16_CDMA2000 CRC16_DDS_110 CRC16_DECT_R CRC16_DECT_R CRC16_DECT_X CRC16_DNP CRC16_EN_13757 CRC16_CMR CRC16_MCRF4XX	CRC16_MCRF4XX CRC16_RIELLO CRC16_T10_DIF CRC16_TELEDISK CRC16_TMS37157 CRC16_USB CRC16_CRC_A CRC16_CRC_A CRC16_KERMIT CRC16_MODBUS CRC16_X25 CRC16_X40DEM CRC32 CRC32_REVERSED CRC32_REVERSED	<b>Byte Size:</b> 1 - 8 Bits - 1 Byte 2 - 16 Bits - 2 Bytes 4 - 32 Bits - 3 Bytes 8 - 64 Bits - 4 Bytes

Algorithm to Use - Use the drop down menu to select the type of checksum algorithm the command. Byte Size - Select the size in bytes for the command to send.

Header offset - Set the amount of the command that is not part of the checksum. Default 0 will include the whole command.

For checksum to work, it must have a variable set to the command and checksum set in properties of the command.



- Type the command in hex value. Place %v where the checksum will replace the hex value.
- Select the Properties icon. A new window will pop up.
- Select the checkbox for Is Checksum.



• Select **Save Changes** and the command will be ready for use with checksum.



Room	n Nam	ie 🤚	+	~	/eloci <u>tu</u>	ſ				
	•	Power Pr	unify List → LG	Blu Ray (Copy)						
<	0	>		ED ULT ALDIO IN	NUDIO OUT	IMAGES C		lı se	VARIABLES	OBRTIPY
1	• 2	3	DEO REMOTE							
4	5	6	mand Name	Command Sys	ntax (IR)		input or Default Comm	sand	Actions	
7	8	9	.E	sendic1:1,1,3	8000,1,69,170,170,20,6	4,20,20,20,64,20,64;	i No Selection		Delete     Copy	
	0		0	sendir,1:1,1,3	8000,1,69,170,170,20,6	4.20,20,20,64,20,64;	No Selection	•	Delete     Ocov	
	Pay	II Face	R	sendir,1:1,1,3	8000,1,69,170,170,20,6	4,20,20,20,64,20,64;	No Selection		Delete     Copy	
			SOR DOWN	sendir,1:1,1,3	8000,1,69,170,170,20,6	4,20,20,20,64,20,64;	No Selection		Delete     Copy	
	0		SOR ENTER	sendir,1:1,1,3	8000,1,69,170,170,20,6	4202020.6420.643	No Selection		Delete     Gopy	
	2000 10		IOR LEFT	sendir,1:1,1,3	8000,1,69,170,170,20,6	4,20,20,20,64,20,64;	No Selection	*	Delete     Goog	
	Format	Search	SOR RIGHT	sendir,1:1,1,3	8000,1,69,170,170,20,6	4202020642064	No Selection		Delete     Dags	
	-	Tropple	IOR UP	sendir,1:1,1,3	8000,1,69,170,170,21,6	42121216421643	No Selection		• Delete • Conv	
		Pipe.	-0	sendir,1:1,1,3	8000,1,69,170,170,21,6	421,21,21,64,21,64;	No Selection		Delete     Garx	

#### **Remote Control**

The command remote control provides an interface for the room control page. Each button represents a command and can be altered or moved.

1. Select a button to open the button builder. The button builder will pop-up.

**NOTE:** The button builder will auto select the command of the chosen button, but any command can be selected from the drop down menu.

ON PRESS	ON RELEASE	BUTTON STYLE
hoose a macro or command for on press button		*
None selected		•

2. Select a command or macro from the drop down menu. If editing a current button, the command will already be selected.

Button Builder			Button Builder		
ON PRESS	ON RELEASE	BUTTON STYLE	ON PRESS	ON RELEASE	BUTTON STYLE
Choose a macto or command far on press button Nore selected Command 3D Command ANLE Command ANLE Command ANLE Command CLISIOR ROWN COMMAND COMMAND ROWN COMMAND COMMAND ROWN COMM		vers Defen	Doars Insuito o command for or press Julius Command: SLOW FORMARD Repeat Internal (withsecund)		Command Encoding ADCI      ADCI
					SAVE CHANGES

3. Select between ASCII and HEX for the Command Encoding type.

4. \*Optional\* If the command needs repeating (such as volume up), type the time in milliseconds in the Repeat Interval field.

5. \*Optional\* Select the **ON RELEASE** tab for commands that require a follow up command. **e.g.** Pan tilt stop for any on press commands for pan tilt. The selected command will send once the button is released.

ON PRESS	ON RELEASE	BUTTON STYLE
cose a macro or command for on release of button		*
None selected		*

6. Select the **BUTTON STYLE** tab to provide a custom look for the button.



	ON PRESS				N RELE	EASE		BUTTON STYLE
Con and Button Icon/Button Text Only/Label	n 🔮 O	atures Clickable Not Clickable	) ()	Visible Hidden		Preview		
Custom Image							Label Below Button	
* Button Icon/Text Other								
* Button Color		* Icon/Text Color On Butti	on	Custom Tex	it (Max 5			
blueGrey100		grey900						

7. Select the Icon and Button Visible Features. Once customization options are chosen, the button will preview to the right, if Visible is selected.

8. \*Optional\* Select the custom image slider to import a custom button background. Drag and drop the image into the upload or drag box or press the upload or drag button to browse the local computer for the custom button background.

ON PRESS	ON RELEASE	BUTTON STYLE
oon and Button Visible Features Icon/Button  Ciickable Text Only/Label Ciickable	Visible     Visible     Hidden	,
Custom Image Round Button		Label Below Button
* UPLOAD OR DRAG	the trapp funct	

9. Select from the button icon text drop down menu. The menu will have generic text and icons to choose from. Select other to provide custom text for the button.

- 10. Select the colors of the button and text.
- 11. \*Optional\* Type text into the Label Below Button field.

ON PRESS Icon and Button Visible Features

O Not

grey900

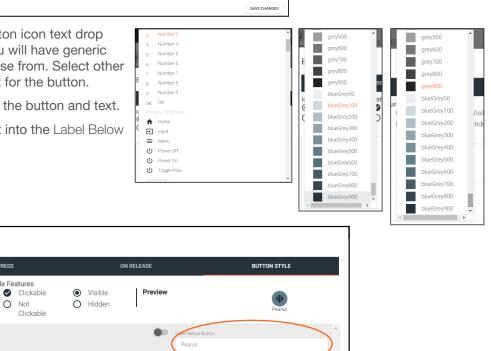
Button Builder

Icon/Button O Text

Custom Image \* Button Icon/Tex Freeze

blueGrey500

Only/Label

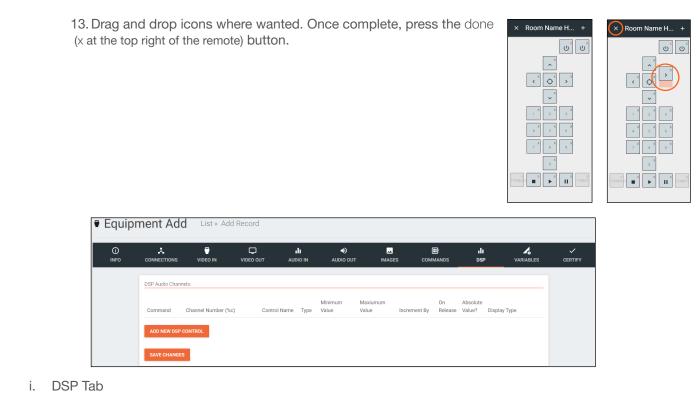


SAVE CHANGES

12. Once all selections are made, press the save changes button. The button builder will close and the remote preview will update.



# **Device Drivers**



See DSP section.

Equip	ment Add	List » Ad	d Record						
() INFO		VIDEO IN	VIDEO OUT	<b>ili</b> Audio in	<b>●)</b> AUDIO OUT	IMAGES	<b>ili</b> DSP	<b>VARIABLES</b>	CERTIFY
	Equipment Variables	K							
	Variable Short Des	cription	Substitution Key	Defaul	t Value	Read Only	Long Description		
	ADD NEW VARIABL	E							
	SAVE CHANGES								

### j. VARIABLES Tab

See Variables section.

CERTIFY

k. CERTIFY Tab

Driver Author - Displays the name of the user that created the device and the site it was created on.
Driver is Certified - Select this slider to verify the device driver has been tested and works.
Certified By - Type in the name of the person that tested and verified the driver.
Driver Help URL - If a help document was created for the device driver, place the link here.



## Edit

= «	)			velocity				
۲	Device Drivers	EQUEST DRIVER EXPORT EC	UIPMENT LIST					Î
	Showing All Equipme	ent		Search By Any Field Visible				
	Name	Model	Manufacturer	Category	Sub Category	Control Types		
	Vaddio ConferenceSH0	ConferenceSHOT 10	Vaddio	Teleconference		Telnet		*
	AT-OMNI-111	AT-OMNI-111	Atlona	VideoDistribution	IPSwitchers	Websocket	/	

If a device is in the system but does not have everything exactly as need, it can be copied and edited.

**NOTE:** Devices in the Equipment List that were added by Atlona, must be copied before being edited. Atlona added devices cannot be altered.

- 1. Press the edit or copy (if an Atlona device needs to be edited) button next to the device control type. The device page will open. The device edit page and device add page use the same options.
- 2. Once all changes are made, press the save button.

=					velocit	y'				(
🗧 Equipme	ent Add List /	Add Recor	ł							
() INFO		VIDEO IN	VIDEO OUT	<b>III</b> AUDIO IN	<b>●</b> AUDIO OUT	IMAGES	COMMANDS	<b>ili</b> DSP	VARIABLES	CERTIFY
			Device Info :							
			* Name							
			* Manufacturer:			•	•			
			Name long							
			* Model							
			Supported Models							
			* Category Is display projector		Is video source					
			Details short							
			Details long							



# Delete

=				velocit	<b>پ</b> ۲		
• [	Device Drivers	? REQUEST DRIVE	R EXPORT EQUIPMENT LIST				^ 
	1 Selected Item(s)					DELETE ALL	PORT SELECTED EQUIPMENT
	Name	Model	Manufacturer	Category	Sub Category	Control Types	
	ABC	ABC	10moons	Displays	TV	SSH, IR, TCP, Telnet, RS	1     1

If a user created device is no longer needed, it can be deleted from the database.

- 1. Find the device and select the check box next to the device.
- 2. Press the Delete All button.
- 3. Press the **SUBMIT** button to confirm the deletion.

Confirm		
Are you sure you wish to delete 1 equipmentCatalog?		
	CANCEL SUBM	ит

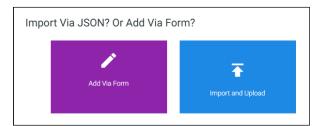
# **Custom Switcher**

Velocity has the ability to create many types of equipment. Custom matrix switchers can easily be created through the equipment list.

1. Press the  $\equiv$  button on the top right of the screen.

12	Device Drivers	EQUEST DRIVER EXPORT E	EQUIPMENT LIST					
AA (///)	Showing All Equipment							
a@a.com	Name	Model	Manufacturer	Category	Sub Category	Control Types		
	Vaddio ConferenceSH0	ConferenceSHOT 10	Vaddio	Teleconference		Telnet	/	
Home	AT-OMNI-111	AT-OMNI-111	Atlona	VideoDistribution	IPSwitchers	Websocket	/	
Control	AT-OMNI-112	AT-OMNI-112	Atlona	VideoDistribution	IPSwitchers	Websocket	/	
All Rooms	AT-OMNI-121	AT-OMNI-121	Atlona	VideoDistribution	IPSwitchers	Websocket	/	
	AT-OMNI-122	AT-OMNI-122	Atlona	VideoDistribution	IPSwitchers	Websocket	/	
Device Drivers	AT-OMNI-232	AT-OMNI-232	Atlona	Audio	Atlona	UDP	1	
Scheduling >				25 👻			>	

- 2. Select **Control** from the menu. New options will open.
- 3. Select **Device Drivers**. A new screen will appear.



- 4. Press the + button on the bottom right of the screen. A pop-up will appear.
- 5. Select the purple Add via Form button to create a new device. A new screen will open.



# **Device Drivers**

= 0					velocit	Ч.				
Equipment	ent Add List /	Add Recor	d							
() INFO	CONNECTIONS	VIDEO IN	VIDEO OUT	<b>ili</b> Audio in	<ul> <li>▲)</li> <li>AUDIO OUT</li> </ul>	IMAGES	COMMANDS	<b>.lı</b> DSP	VARIABLES	CERTIFY
			Device Info :							
			* Name							
			* Manufacturer:				+			
			Name long							
			* Model							
			Supported Models							
			* Category Is display projector		Is video source					
			Details short							
			Details long							

- 6. Provide a name for the device.
- 7. Select a manufacturer from the drop down list or press the orange + button to add a new manufacturer.
- 8. Enter the model number for the device.
- 9. Select Video Distribution from the category drop down menu. A new sub category drop down menu will appear.
- 10. Select either IP switchers or switchers from the menu.

Device Info :		
* Name		
Matrix		
Private Equipment O	nly For This Account?	
* Manufacturer:	AABBCC	+
Name long		
* Model Switcher 123		
Supported Models		
* Category		
Video Distribution	<b>~</b>	
* Sub category		
Switchers	$\nabla$	



- 11. Select **CONNECTIONS** from the top navigation.
- 12. Fill in the control information of the device.

() INFO			UIDEO OUT	<b>II</b> AUDIO IN	AUDIO OUT	IMAGES	COMMANDS	DSP	VARIABLES	CERTIFY
INFO	CONNECTIONS	VIDEO IN	Cantrol Setup: Show Audio Control Pi Show Preset Control P Show Trigger Control F	age Iage			COMMANDS	DSP	VARIABLES	CERTIFY
			Control Types	<b>DP</b>	SSH HTTP	ILEAR	R\$232			

- 13. Select **VIDEO IN** from the top navigation.
- 14. Select all the check boxes that correspond with the switcher input ports.

Equip	oment Mo	odify	List » Matrix							
() INFO		UIDEO IN	VIDEO OUT	<b>II</b> AUDIO IN	<b>■)</b> AUDIO OUT	IMAGES	COMMANDS	<b>ili</b> DSP	VARIABLES	CERTIFY
			Video Inputs:							
			Video inputs		4 5 J D 4 6 J D 4 7	10110				
			HDMI 1,HDMI 2,HD		VII 5,HDMI 6,HDMI 7	HDMI 8				
			Select all available in HDMI 4 ALTER				*			
			HDMI 5							
			HDMI 5 (2010							
			HDMI 5 ALTER	NATE						
			HDMI 7							
			HDMI 8							

- 15. Select **VIDEO OUT** from the top navigation.
- 16. Type in all the output ports, separating each with a comma.

() INFO	UIDEO IN		alla AUDIO IN	<b>↓)</b> AUDIO OUT	IMAGES	COMMANDS	DSP	VARIABLES	CERTIFY
		Video Outputs:							
		Has video outputs				-			
		Video outputs							
		VidOut1,VidOut2,Vi	dOut3,VidOut4						
		SAVE CHANGES							



17. Repeat steps 12 to 14 for AUDIO IN and AUDIO OUT if there is audio switching on the switcher.

CONNECTIONS	UIDEO IN	VIDEO OUT	<b>ili</b> Audio in	I) AUDIO OUT	IMAGES	COMMANDS	JI DSP	VARIABI		CERTIFY							
		Audio Inputs: Has audio inputs				() INFO		★ IECTIONS	T VIDEO IN		<b>LÎI</b> AUDIO IN	4) AUDIO OUT	IMAGES	E: COMMANDS	ı <b>lı</b> DSP	VARIABLES	CERTIFY
		Audio inputs HDBASET1,HDMI 1, Select all available inp		T1,AUDIO INPUT2						Audio Outputs: Has audio output	5			0			
		ANTENNA B     ANYNET     AUDIO INPUT     AUDIO INPUT1     AUDIO INPUT2								Audio outputs Analog1,Analog SAVE CHANGE	2,Analog3,S/PDIF1 <i>;</i>	S/PDIF2					

- 18. Select **Commands** from the top navigation.
- 19. The basic input commands for the switcher will already be listed. Type in the corresponding commands found within the device manual.
- 20. Add in new commands as needed.
  - a. For automatic matrix input/output switching, a variable command can be used.
    - With variables, if the command is x1AVx2 the variable will be x%iAVx%o to signify inputs (i) and outputs (o). Variables for audio will be the same. e.g. If the command is x1Ax2, the variable will be x%iAx%o.
    - 2. Once the variable is created, select the input type from the drop down. e.g. Switch A/V (1-n) for audio and video input/output matrix switching.
    - 3. \*Optional\* Delete the input commands. If the automatic switching functionality is being used, the individual input commands are not needed.

Video Input Switching	Video Input Switching		x%iAVx%o					Switch A/V (1-n)	*	С	R 🔻	] ¦⊟	<u>[</u>	)elete
								?						
NEW COMMAND	Copy Commands:	None	Ŧ	To:	None	Ŧ	COPY				Protocol 1	ermination:	none	Ŧ

**NOTE:** 1-n is for matrix switchers with the command for input/output switching starting at 1. 0-n is for matrix switchers with the command for input/output switching starting at 0. **NOTE:** To have independent audio or video switching, a variable command will need to be created for each.

Use the Switch Audio (1-n)/(0-n) or Switch Video (1-n)/(0-n) variables.

#### 21. Save the switcher.

Once the switcher has been saved, it can be added to a room and configured for access.

- 1. Select the  $\equiv$  button from the top left corner and select **Control**.
- 2. Select the All Rooms. A new screen will open.
- 3. Select the Edit Room Technology button on the room the switcher will be located.

≡ ⊗	= 4	velo	ocity		<b>AA</b>
12	📩 Rooms 🧑 All Sites / ABC / Buil	ding 1			
	<ul> <li>Floor 1 (2)</li> </ul>			^ ~ i	
	Idle		Ide 🗾 💻	Ide 🛛 🍂	
♠ Home					
Control >					
All Rooms	Large Conference Room	Class 1 0 meeting(s) scheduled today	Class 2 0 classes(s) scheduled today	Meeting Room 1 0 meeting(s) scheduled today	
Device Drivers	Control	Control	Control	Control	
Scheduling >	Export	Export	Export	Export	
🔦 Management >		Coouright @2021 Allong Inc ( <b>atlang com</b> ). All Dichte Barace			



i≙i N	lodify Room	All Sites » A » Building	1 » BBBB			
2					60	≇ (+)
	Connected	Ŷ		9		

- 4. Press the + button to open the Technology menu.
- 5. Search the device name or manufacturer to pull up the created switcher.
- 6. Press the **Add** button.

× የ Technology (All)			🎫 Q 🔸 😯	o• t≡ os 🙏
AABBCC	Search Carlo Equipment	SEARCH CLEAR	REQUEST DRIVER	
	<b>Matrix: Switcher 123</b> ICP, RS232, IR			Add

7. Select **EDIT** on the switcher.

× Configure Equip	ment					
		I	1 Shared Room Device(s) Matrix 1			la ± +
Matrix Properties				/ Q v		
Alias Matrix 1 Command Theottle O	ms					
Control Type					Matrix 1	
Matrix Video Input Connections				~		
Video Input Connections (Ma HDML1 Connection All Sectio	Ordering Alias	Show	Screen Buttons		Ping	
HDMI 2 Connection	Ordering Alias	Show			•	

- 8. Select the control type and enter the relevant information. e.g. For TCP control, enter the IP address.
- 9. Select the inputs and input options. If you would like to see the input, select the Show slider and select an icon.

Input Connections		Screen Buttons
HDMI 1	Connection Sony Game	Ordering Alias 0 HDMI 1 Icon - OUTPU
HDMI 2	Connection	Ordering Alias Icon 2 Extender HDMI T

10. Select the output devices and audio devices (if applicable).

Video Outputs			
	Connection		
VidOut1	Sony Left	- HDMI 1	
	Connection		
VidOut2	Sony Left	- HDMI 2	
	Connection		
VidOut3	Sony Right	- HDMI 1	
	Connection		
VidOut4	Sony Right	- HDMI 2	



If the switcher has independent audio switching, that option will need to be selected within the room options menu.

× Room Control Options			Ð		
Room Name:	BBBB		×		
CONTROL SETTINGS		C; USER INTERFACE		 □ 幸	+
*Automation					
Macros:	**			•	
Event Macros:					
Room Triggers:	Ŷ			and and the party of the party	
CAUGIO and Dialer Settings All Sectors Audio Device None Left Section Audio Device		Volume Ramp Interval (ms) 200 Volume Ramp Interval (ms)		Matrix 1	
None Right Section Audio Device None		200 Volume Ramp Interval (ms) 200		Ping	
Dialpad Device		Dialpad Line Number			
Video Conference Device					
Enable Audio Follow Video					
Enable Independent Audio Switching					

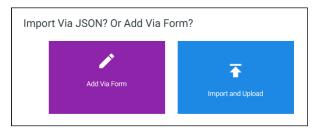
#### DSP

Velocity has provided a simple way to create a custom one-way DSP driver.

1. Press the  $\equiv$  button on the top right of the screen.

				velocity			
190	Device Drivers	REQUEST DRIVER EXPORT	EQUIPMENT LIST				
	Showing All Equi	pment		Search By Any Field Visi	ble		
a@a.com	Name	Model	Manufacturer	Category	Sub Category	Control Types	
	Vaddio ConferenceSHO	ConferenceSHOT 10	Vaddio	Teleconference		Teinet	/
Home	AT-OMNI-111	AT-OMNI-111	Atlona	VideoDistribution	IPSwitchers	Websocket	/
Control >	AT-OMNI-112	AT-OMNI-112	Atlona	VideoDistribution	IPSwitchers	Websocket	/
	AT-OMNI-121	AT-OMNI-121	Atlona	VideoDistribution	IPSwitchers	Websocket	/
All Rooms	AT-OMNI-122	AT-OMNI-122	Atlona	VideoDistribution	IPSwitchers	Websocket	/
Device Drivers	AT-OMNI-232	AT-OMNI-232	Atlona	Audio	Atlona	UDP	/
Scheduling >				25 🗸	-	< 1	>

- 2. Select **Control** from the menu. New options will open.
- 3. Select Device Drivers. A new screen will appear.



- 4. Press the + button on the bottom right of the screen. A pop-up will appear.
- 5. Select the purple Add via Form button to create a new device. A new screen will open.



					velociti	J.				
🍵 Equipme	ent Add List /	Add Recor	d							
() INFO		VIDEO IN	VIDEO OUT	<b>ili</b> Audio in	•) AUDIO OUT	IMAGES	COMMANDS	<b>.lı</b> DSP	VARIABLES	CERTIFY
			Device Info :							
			* Name							
			* Manufacturer:			Ť	+			
			Name long							
			* Model							
			Supported Models							
			* Category Is display projector		Is video source					
			Details short							
			Details long							

- 6. Provide a name for the device.
- 7. Select a manufacturer from the drop down list or press the orange + button to add a new manufacturer.
- 8. Enter the model number for the device.
- 9. Select Audio from the category drop down menu. A new sub category drop down menu will appear.
- 10. Select **DSP** from the drop down menu.
- 11. Select **CONNECTIONS** from the top navigation.
- 12. Fill in the control information of the device.

() INFO	UIDEO IN	VIDEO OUT	AUDIO IN	<b>↓)</b> AUDIO OUT	IMAGES	COMMANDS	ı <b>lı</b> DSP	VARIABLES	CERTIFY
		Control Setup:							
		Show Audio Control Pa Show Preset Control P				•			
		Show Trigger Control F	Page			•			
		Control Types	TCP S	с	LEAR IR	RS232			
		TELNET U	DP						
		0 Default Authentication	m	S					

- 13. Select AUDIO IN from the top navigation.
- 14. Select all the check boxes that correspond with the switcher input ports.

() INFO	UIDEO IN		<b>II</b> AUDIO IN	AUDIO OUT	IMAGES	COMMANDS	DSP	VARIABLES	CERTIFY
		Audio Inputs: Has audio inputs				•			
		Audio inputs HDBASET1,HDMI 1	MIC,AUDIO INPL	JT1,AUDIO INPUT2					
		Select all available in ANTENNA B	puts:						
		AUDIO INPUT AUDIO INPUT AUDIO INPUT2							



- 15. Select **AUDIO OUT** from the top navigation.
- 16. Type in all the output ports, separating each with a comma.

) INFO	UIDEO IN		AUDIO IN	<b>■</b> ) AUDIO OUT	IMAGES	COMMANDS	u <b>li</b> DSP	VARIABLES	CERTIFY
		Audio Outputs:							
		Has audio outputs							
		Audio outputs Analog1,Analog2,Ar	nalog3,S/PDIF1,S	S/PDIF2					
		SAVE CHANGES							

17. Repeat steps 12 to 14 for VIDEO IN and VIDEO OUT if there are any video ports on the DSP.

(i) INFO	VIDEO IN	VIDEO OUT	<b>II.</b> NI OIDUA	● AUDIO OUT	IMAGES	COMMANDS	<b>ili</b> DSP	<b>V</b> ARIABLES	CERTIFY
		Video Inputs:							
						•			
		Video inputs							
		HDMI 1,HDMI 2,HD	VII 3,HDMI 4,HDM	/II 5,HDMI 6,HDMI 7	HDMI 8				
		Select all available in							
		HDMI 4 ALTER	NATE						
		HDMI 5 (2010)							
		HDMI 5 (2011)							
		HDMI 6				- 1			
		HDMI 7							
		HDMUPC							

() INFO	UIDEO IN	VIDEO OUT	II AUDIO IN	AUDIO OUT	IMAGES	COMMANDS	di DSP	VARIABLES	CERTIFY
		Video Outputs:							
		Has video outputs							
		Video outputs VidOut1,VidOut2,V	idOut3,VidOut4						
		SAVE CHANGES							

- 18. Select **Commands** from the top navigation.
- 19. The basic input commands for the DSP will already be listed. Type in the corresponding commands found within the device manual.



**NOTE:** DSP variables can be used in the commands using the %c for channel and %v for volume level and mute variable commands.

pment Add	IST * AUG RECOID					Command Name	Command Syntax (TCP)	Input or Default Command	Terminatio	n Parameter	rs D
CONNECTIONS VIDEO	II II N VIDEO OUT AUDIO IN	AUDIO OUT IMAGES	COMMANDS	<b>di</b> DSP	VARIABLES	POWER ON	Command Syntax	Power On •	none	. i≡	
Commands:						POWER OFF	Command Syntax	Power Off *	none	- IE	
ASCIL . VIDEO RE	моте				TCP	VOLUME UP	Command Syntax	Volume Up *	none	• i=	
Command Name	Command Syntax (TCP)	Input or Default Command	Terminat	ion Param	eters Delete	VOLUME DOWN	Command Syntax	Volume Down *	none	• i=	
POWER ON	Command Syntax	Power On	* none		Delete	VOLUME SET	Command Syntax	Volume Set *	none	. i≡	
POWER OFF	Command Syntax	Power Off	• none	- i=	Delete	MUTE ON	Command Syntax	Mute On ·	none	. i≡	
VOLUME UP	Command Syntax	Volume Up	* none	• i=	Delete	MUTE OFF	Command Syntax	Mute Off -	none	. i≡	
VOLUME DOWN	Command Syntax	Volume Down	* nont	. I≣	Delete					. i≡	
VOLUME SET	Command Syntax	Volume Set	* none	- =	Delete	MUTE TOGGLE	VMUTE%c %v	Mute Toggle *	none	• i=	
MUTE ON	Command Syntax	Mute On	* none	- IE	Delete	VOLUME ADJUST	VOUT%c %v	No Selection ·	none	• ) <b>=</b>	
MUTE OFF	Command Syntax	Mute Off	* none	· =	Delete						
MUTE TOGGLE	Command Syntax	Mute Toggle	* nont	. =	Delete	NEW COMMAND Copy Comm	hands: None * To: None *		Proto	col Termination:	none

To create a volume level variable command, the %c will replace the channel number and the %v will replace the level.

If the command to change volume level is VOUT2 34, the variable command would be VOUT%c %v. %v will have the full range of the volume, not just 34, once set up.

To create a mute variable command, the %c will replace the channel number and the %v will replace the mute value.

If the commands to mute or unmute the channel is VMUTE2 ON or VMUTE2 OFF, the variable command will be VMUTE%c %v. Once set up, the %v will act as ON and OFF.



**NOTE:** When creating variable command for volume levels and mutes, one must be created for every channel the DSP has.



20. Once the volume level and mute variable commands have been created, select **DSP** from the top navigation.



- 21. Press the **ADD NEW DSP CONTROL** button. New fields will appear for each variable command already created. **e.g.** One field for mute and one for volume.
- 22. Select and fill each command with the correct information.

© INFO	CONNECTIONS	VIDEO IN	VIDEO OUT	<b>ili</b> Al Olola	•0 Audio Out	umoes	COMMANDS	ılı DSP	<b>VARIABLES</b>	CERTIFY
	DSP Audio Channels									
	Command		Channel Number (%c)	Control Name Typ			it Lead On Abso O's Release Value		Delete	
					Off.	On			Patients	
	ADD NEW DSP CO		1? Fix me Pleas	Gain 1	ain Con + -80	20 1		Decibels	. Lasta	
	SAVE CHANGES									G

#### **Command Variables**

**Command** - Select the previously created volume or mute command.

Channel Number - Select the value of %c for this command. Channel number will vary by device.

Control Name - Provide a name to make command selection within the room easier.

**Type** - Select between the drop down options: Gain Control (Integer), Gain Control (Float), and Mute/On/Off. **Minimum and Maximum Value** - This will vary based on type of command and unit values. (Mute commands should come from the device manual)

**Increment By** - Select the value the volume level will increase/decrease by when the volume button is pressed. **Lead 0s** - Set the number of 0s at the beggining of the integer for devices that require multiple 0s to work. **On Release** - Sets the command to only send when the button is released.

**Absolute Value?** - Sets the variable so that negative numbers are possible to use. Only possitive numbers are available if this is disabled.

**Display Type** - The value will appear when adjusting Volume in the control screen. Options: Decibels (dB), Percentage of Range, and None.

#### e.g.

Command: Mute Toggle Channel Number: 0 Control Name: Master Mute Type: Mute/On/Off Minimum Value: OFF Maximum Value: ON Command: Volume Adjust Channel Number: 0 Control Name: Master Volume Type: Gain Control (Integer) Minimum Value: -60 Maximum Value: 15 Increment By: 1 Display Type: Decibels

23. Repeat steps 20 and 21 until all channel commands are created.

#### 24. Save the DSP.

Once the DSP has been saved, it can be added to a room and configured for access. Once the switcher has been saved, it can be added to a room and configured for access.

- 1. Select the  $\equiv$  button from the top left corner and select **Control**.
- 2. Select the All Rooms. A new screen will open.
- 3. Select the Edit Room Technology button on the room the switcher will be located.







- 4. Press the + button to open the Technology menu.
- 5. Search the device name or manufacturer to pull up the created DSP.
- 6. Press the **Add** button.

× 🤨 Technology (All)			o• ⊞ os ≵	
AABBCC	Search Contract Search	SEARCH CLEAR REQUEST DRIVER	]	
A Designed and	Matrix: Switcher 123 TCP, RS232, IR		Add	a + 幸
CLEAR UNASSIGNED SCAN NE	AABBCC: DSP: DSP TCP		Add	5

7. Select EDIT on the DSP.

<u></u>	× Configure Equipment	
		1 Shared Room Device(s) DSP 1
	DSP Properties	/ Q. ~
DSP 1	Alas DSP 1	
<ul> <li></li></ul>	Command Threttle 0 ms Control Type TCP v	
🖍 🗘 😵 📋	IP Address	
Ping	Redundant IP Address	
	Port Number	
	Enable Device Authentication	
	SAVE	

- 8. Select the control type and enter the relevant information. e.g. For TCP control, enter the IP address.
- 9. Assign room commands to the controls set up during device creation.

**NOTE:** Master Volume Mute and Master Volume commands must be set up or audio control will not work correctly within the control screen.

ntrols:							
Control Id	Control Name	Component Name	Туре	Min	Max	Size	Valu
1. c829e1e0df598c63b5229e7c Room Control Id	Master Mute	Audio	Boolean				
Unassigned 👻							
2. 26041979c71dee17c85aefc0	Master Volume	Audio	Integer	-60	15	1	
Room Control Id			$\bigcirc$				
Unassigned 🗸 🗸			$\bigcirc$				

10. Finish selecting device options and press **SAVE**.

The DSP is set up and ready to use.

ntrols: Control Id	Control Name	Component Name	Туре	Min	Max	Size	Val
1. c829e1e0df598c63b5229e7c Room Control Id Master Volume M	Master Mute	Audio	Boolean			•	
2. 26041979c71dee17c85aefc0 Room Control Id Master Volume	Master Volume	Audio		-60	15	1	



# Variables

Custom device variables have been added to the equipment editor for easy modification of commands. These variables are best used when a device ID or MAC address are needed before a command.

1. Press the  $\equiv$  button on the top right of the screen.

≡ ©					velocity			
1	1	Device Drivers	REQUEST DRIVER EXPORT	EQUIPMENT LIST				
		Showing All Equi	oment		Search By Any Field Vis	ible		
a@a.com		Name	Model	Manufacturer	Category	Sub Category	Control Types	
		Vaddio ConferenceSHC	ConferenceSHOT 10	Vaddio	Teleconference		Telnet	/
Home		AT-OMNI-111	AT-OMNI-111	Atlona	VideoDistribution	IPSwitchers	Websocket	/
Control	>	AT-OMNI-112	AT-OMNI-112	Atlona	VideoDistribution	IPSwitchers	Websocket	/
		AT-OMNI-121	AT-OMNI-121	Atlona	VideoDistribution	IPSwitchers	Websocket	/
All Rooms		AT-OMNI-122	AT-OMNI-122	Atlona	VideoDistribution	IPSwitchers	Websocket	/
Device Drivers		AT-OMNI-232	AT-OMNI-232	Atlona	Audio	Atlona	UDP	/
Scheduling	>				25 👻		< 1	>

- 2. Select Control from the menu. New options will open.
- 3. Select Device Drivers. A new screen will appear.
- 4. Select either add, edit, or duplicate to open an equipment driver.
- 5. Go to the **VARIABLES** tab. If this is a new driver, follow the steps for the previous tabs in the Add section before creating variables.

Equip	ment Add	List » Add	d Record							
() INFO		(T) VIDEO IN	VIDEO OUT	AUDIO IN	<b>↓)</b> AUDIO OUT	IMAGES	COMMANDS	<b>ili</b> DSP	<b>L</b> VARIABLES	CERTIFY
	Equipment Variables									
	Variable Short Desc	cription	Substitution Key	Defaul	It Value	Read Only		Long Description		
	ADD NEW VARIABL	E								
	SAVE CHANGES									

6. Select ADD NEW VARIABLE

**Variable Short Description** - Provide a descriptor for the variable command. e.g. Mac Address **Substitution Key** - Provide a key that will be replaced by the variable value. e.g. %M



**NOTE:** The % symbol at the start of the substitution key provides a clear start for the system to view the variable command, as it is not common to regular commands.

**NOTE:** Variables %i, %o, %c, and %v have already been provided within velocity for input, output, and macro options. When creating a new variable, i, o, c, and v cannot be used as a substitution key.

**Default Value** - Optional value that a command will default to when no other variable value is provided. **Read Only** - Future feature.

Long Description - Provide extra information about the variable.

**Delete** - Select this to remove unneeded variables.

(i) INFO	CONNECTIONS	UIDEO IN	VIDEO OUT	<b>ili</b> AUDIO IN	لە Tuo oidua	IMAGES	COMMANDS	<b>ili</b> DSP	VARIABLES	CERTIFY
	Equipment Variables	s:								
	Variable Short Des	scription	Substitution Key	Defaul	t Value	Read Only		Long Description		
	Variable Short Descripti Mac Address	ion	Substitution Key %M	Defaul	t Value			Long Description	Delete	
	ADD NEW VARIAB	LE								
	SAVE CHANGES									



- 7. Select the COMMANDS tab from the top navigation.
- 8. Enter the variable into the command. e.g. %MPWON would send the variable before the power on command.
- 9. Save the device.

() INFO		VIDEO IN	VIDEO OUT	<b>LII</b> AUDIO IN	<b>↓)</b> AUDIO OUT	IMAGES	COMMAN		li SP N	/ARIABLES	CERTIFY
	Commands:										
	ASCII *	VIDEO REMOTE						IR	RS232	TCP	
	Command Name		Comma	and Syntax (TCP)		Input or Default C	ommand	Termination	Parameters	Delete	
	POWER ON		%MPW	ON		Power On	×	none •	iΞ	<u>Delete</u>	

Once the device has been saved, it can be added to a room and the variable configured.

- 1. Select the  $\equiv$  button from the top left corner and select **Control**.
- 2. Select the All Rooms. A new screen will open.
- 3. Select the Edit Room Technology button on the room the switcher will be located.

=	=	= <u></u>	velocity	0
<b>A</b>	Marcon Marcen Control All Rooms	C Rions C Al Sina ADS Budding 1		
≡ ⊘		velocity		
💲 生 Modify Room	All Sites / ABC / Building 1 / M	fleeting Room 1		✓ 苹 +

- 4. Press the + button to open the Technology menu.
- 5. Search the device name or manufacturer to pull up the created switcher.
- 6. Press the **Add** button.

× 🥝 Technology (All)	
AABBCC	Search SearCH CLEAR REQUEST DRIVER
Matrix TCP, RS	: Switcher 123 232, IR Add

7. Select EDIT on the switcher.

× Configure Equip	ment			6
		1 Shared Room Device(s) Matrix 1		Go 非 +
Matrix Properties			/ Q ~	
Alas Matrix 1 Command Throttle 0	ms			



- 8. Scroll down to the Equipment Variables section.
- 9. Enter in the value for the variable.

Equipment Variables	~	Equipment Variables	~
MAC Address	Current Value:	MAC Address ABC123	Current Value:

Ø

**NOTE:** The variable will send every time a command with that variable is sent. The position of the variable will be determined by the placement within the command. e.g. %MPWON will send ABC123PWON and PWON%M will send PWONABC123.



# **Room Problems Report**

Velocity has added the ability to send email reports or alerts by email for device connection status. This will provide a look at what devices are connected, which have disconnected, and times of when Velocity lost communication.

- 1. Press the  $\equiv$  button on the top right of the screen.
- 2. Select Management from the menu.
- 3. Select Reports from the options that becomes available. A new window will appear.

≡ ◊			
	1992	ా Room Problem Report	ŕ
AA	AA a@a.com	Connection Summary Report  Realtime Connection Alerts	
		Ermail (CSV) To Notify Top of Day - Ermail (CSV) To Notify Determined (cere)	
÷	Home	Enable/Disable Realtime Notifications and View Overall Room Connected Status	
3	Control >	QA3 > Building 1 > Floor 1	
Ē	Scheduling >	OWNER         Clisco SX2 D CE         Sury V         Find         B24         Clisco/ne Converge Prioz         Klark Technic         Stiders         stid         types         Phonene         NEC         DEX         Lumin         Voc           Exemanded         Pro3         Somfy         Berg         No Display swritch         boss         Panduit PDU         Onv 202         Voc Resy         Statin         Tesins         Tesins         Tesins         Disc/no         BALencine         Allancine         Allancin         Allancine         Allanc	
٩	Management >	VAM MTX CLS0-601 Tri Divisible Room UMAn c2 OME-M542 DISP-CTRL CLS0-612	
0	AMS Device Manager	QA3 > Building 2 + Floor 1 Entry Way Conference	
	Reports	City Hay Connecticue	

- 4. Enter the email address, that reports and/or alerts will be sent to, into the **Email (CSV) To Notify** field(s). Email must be enabled within Server Settings for this feature to work.
- 5. Select when the Report / Alerts will be sent.

a. Report - Select between Top of Hour and Top of Day, this will determine how many reports per day that will be received: 1 or 24.

= ° INNY Velocity (	20 connection problems on gateway: 03000200-0400-0500-0006-b898b0058132 (QA3)
ප් Room Problem Report <sup>®</sup>	S support@ationa.com
1	If there are problems with how this message is displayed, click here to view it in a web browser.
Connection Summary Report  Realtime Connection Alerts	
teur cont the first the second to the first term of term o	20 connection problems on gateway: 03000200-0400-0500-000 b898b0058132 (QA3)
QA3 > Building 1 > Floor 1	Here is a summary of all connected and disconnected devices.
Construct         Data	Disconnected Devices
YAM MTX CLSD-R01 Tri Dwodel Room MMercoz OKE M542 DEP CTRL CLSD 612	QA3 > Building 1 > QA NM LAB -Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/S37.36 (KHTML, like Gecko) Chrome/76.0.3809.132 Safar/S37.36 - 10.20.100.
QALS - Radding 2: - Files 1 Emy years Condenserer Condenserer	cannot connect via Websocket -USS IBs4 - 10.20.10.15.9 cannot connect via Websocket -VTP800.2 - 10.20.100.199 cannot connect via Websocket -VT-17 - 509 - 10.20.100.35 cannot connect via Websocket
Cropsing in 62019 Aldona inc Jatona cont) All Rights Reserved. (Honce +1 807 305 3019 (bd) Tell Feel (+1 A/26 902 601 5 (d)) International +41 A/3 506 A021 (Version: 1.6.3.3) Active Gateway	QA3 > Building 1 > Sony VC

b. Alerts - Set the amount of time from disconnect or reconnect that an Alert will be received. This is done in seconds and by default will be set to 60.

Cisco Telepresence CE Firmware 1 - 10.20.100.89:22 has Reconnected on gateway: 03000200-000004	Cisco Telepresence CE Firmware 1 - 10.20.100.89:22 is Disconnected on gateway: 03000200-000004
$\bigcirc$ support(@atlona.com To $\bullet AA$ $\bigcirc$ Reply $(\%)$ Reply $(\%)$ Reply $(\%)$ Reply $AII \rightarrow$ Forward $\cdots$ $\bigcirc$ Weed 11/20/2019 10-49 AM $\bigcirc$ Weed 11/20/2019 10-49 AM	S support@ationa.com     C Reply ≪ 3 Reply All → Ferward     Wed 11/20/2019 1049 AM     Wed 11/20/2019 1049 AM
Cisco Telepresence CE Firmware 1 - 10.20.100.89:22 has Reconnected on gateway: 03000200-0400-0500-0006- b898b0058132 (QA3)	Cisco Telepresence CE Firmware 1 - 10.20.100.89:22 is Disconnected on gateway: 03000200-0400-0500-0006- b898b0058132 (QA3)
The device Cisco Telepresence CE Firmware 1 - 10.20.100.89:22 has re-established communication for the following rooms: -QA3 > Building 1 > Floor 1 > Cisco SX-20 CE -QA3 > Building 1 > Floor 1 > Cisco SX-20 CE	The device (Isro Telepresence CE Firmware 1 - 10.20.100.89:22 has disconnected communication for the following rooms: -QA3 > Building 1 > Floor 1 > CIsco 5X-20 CE -QA3 > Building 1 > Floor 1 > UMIch CUI

Reports and Alerts can be set to only send specific devices, these must be selected and deselected individually.

1. Select the room name from the Enable/Disable section. Once selected more options will appear below.



# **Room Problems Report**

	ocity:	M
🛎 Room Problem Report <sup>®</sup>		ĺ
Connection Summary Report@	Realtime Connection Alerts@	
Email (539) To Hostly Time To Run a @a.com Top of Hour -	Email (CSV) To Notly Disconnect Connect a@a.com Bornhold (sec) Bornhold (sec)	
Enable/Disable Realtime Notifications and View Overall Room Connected Status QA3 > Building 1 > Fior 1		
CAMPULAT         Clicol SX-20 CE         sony VC         PSI2         824         ClearOne Converge Pro2         Xianit Technic           Exercit Articles         Pro3         Somfy         Bind         No Decision watch         base         Panduit PDU         Owe22           VAM MTX         CLSD-601         The Diversible Room         UMB-033         OME-MS-22         DISP-CTRL         CLSD-612	SWS10         Siders         coto         Lytemy         Presence         NEC         DEX         Lutron         VCC           VCC helwy         textra         Testins Custom         RX21         Cendrus Collaboration         Wattbor	
Modify Room Technology     1020.100.89 (Guico Telepresence CE Firmware 1) Use Connected as Metric For Email     1020.100.60 (AFUHD 6W-510W 1) Use Connected as Metric For Email		
10.20.100.142 (ATGAIN 120.1): Use Connected as Metric For Email     10.20.100.100 (Shure MORA910 Microphone 1): Use Connected as Metric For Email		ľ
QA3 > Building 2 > Floor 1 Entry Way Conference Concept 6/2019 Adva In Laboration, All Bolts Reserved. (Prov. +1 877:55:5776;837:164.fm)   + 4819		

- 2. Select or deselect the check box next to the connected devices. Deselecting the checkbox means no alerts will be sent for that individual connection.
- 3. Repeat steps 2 and 3 until all devices are set as needed.

Reports and Alerts are not set up and will start sending at the selected times.



# Split Rooms

Velocity has the ability to switch between open and split rooms, providing an easy solution to create two rooms out of one when needed.

#### **Contents**

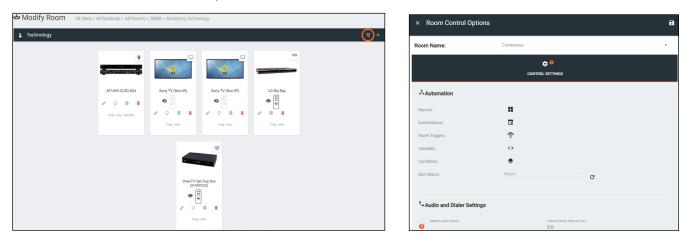
Set Up	87
Control Devices	89
Macros	90



### Set Up

To create a split room, there must be at least two displays, a switching device, and at least two sources.

1. Once a room is set up with devices, open room control options using the button in the top right area of the screen. A new screen will slide open on the left side of the screen.



- Scroll down to the Enable/Disable Features section and select the Split Rooms slider. A new options will appear below.
- 3. Select the **Is room currently split** slider to activate the room as a split room.
- 4. Press the Apply Settings icon in the top right corner of Room Control Options to save.

Control Page Layout	Control Page Layout	Control Page Layout	
Enable Split Room:	Enable Split Room:	Enable Split Room:	
Enable Switching on Source Drag?	Is room currently split:	Is room currently split:	
Enable Light Button Toggle ?	Enable Switching on Source Drag	Enable Switching on Source Drag	

- 5. Open the device edit screen of the display and provide the display with an alias of which side it belongs to. e.g. Display Right
- 6. Select the **Section** drop down and select whether the display is in all, left, or right section.
- 7. Press the **Save** button to activate the settings.

A **PANDUIT** company

8. Repeat steps 5 through 7 for the second display.

Modify Room All Sites + All Buildings + All Rooms + BBBB + Modifying Technology     Technology     X +	Sony Right	
AT UHD CLS 0.834       Sory TV (Mon R)         Prig. Info. Mannol       Prig. Info.         Prig. Info.       Prig. Info.         Prig. Info.       Prig. Info.         Prig. Info.       Prig. Info.         Prig. Info.       Prig. Info.	Sony TV (Non IR) Properties	₽ Q ↓

× Configure Equipment



9. Open the switching device. e.g. AT-UHD-CLSO-824

1 Technology		✓ 珪 + Configure Equipment
		ATLIHO-LLSO 874 ACUIRD PC Musif and Music Section 41 Data, 105bert and Music Section 41 Data, 105be
		A7040-0.50 824 Projection 2 0
	ny Left Sony Right LG Blu Ray	Algo Commare Thothe O mrs
Ping-Info-Identify		Control Type Talleet
	ng - Info Ping - Info Ping - Info	IP Address
		Resultati P Adress Particules 23
		Enable Televe Authentication
		SAK
	DirecTV Set Top Box (IP/RS232)	AT1416-CLS0-324 Input Connections ~
	<ul> <li>Ø <sup>™</sup></li> <li>Ø</li> </ul>	Al Sector 0 HOBseT 1 Driver kon
	✓ ↓ 8 ■ Ping-Info	All Section. " Oriented All Section. " Online Allis Control All Section. " On HOBset T 2
	рицу - нис	HOBeself 3 Connection Ontering Allas

- 10. Scroll to the Input Connections section. A new drop down will have appeared next to the sources when split rooms was activated.
- 11. Select the side of room each source belongs to when split.
- 12. Press the Save button.

AT-UHD-CLSO-824 Input	Connections				~	AT-UHD-CLSO-824 In	put Connections				~	AT-UHD-CLSO-824	4 Input Con
Input Connections		Screen Butto	ns			Input Connection	3	Screen Butto	ons			Input Connection	
HDBaseT 1 All Sectio ~	Connection	Ordering Alias 0 HDBaseT 1		lcon	~	HDBaseT 1	Connection	Ordering Alias				All Sectio	
			Show			All Sectio		0 HDBaseT 1	Show	lcon	÷		
HDBaseT 2 All Sectio v	Connection	Ordering Alias 0 HDBaseT 2	Show	lcon	· ·	HDBaseT 2	Connection	Ordering Alias				HDBaseT 2 All Sectio	~
HDBaseT 3	Connection	Ordering Alias				All Sectio		0 HDBaseT 2	Show	lcon	· · · ·	HDBaseT 3	0
All Sectio		0 HDBaseT 3	Show	lcon		HDBaseT 3	Connection	Ordering Alias				All Sectio	
HDMI 4	Connection	Ordering		loon	01/701/7	All Sectio		0 HDBaseT 3	Show	Icon	· · · · · · · · · · · · · · · · · · ·	HDMI 4	c
All Sectio	LG Blu Ray	0 Alias	Show	No Icon	- OUTPUT		Connection	Ordering		loon		All Sectio	~ L
HDMI 5 All Sectio v	Connection DirecTV Set Top Box (IP/RS232)	Ordering O Alias	Show	Icon No Icon	- OUTPUT	All Sections	LG Blu Ray	0 Alias	Show	No Icon	- OUTPUT	All Sectio	~ E
HDMI 6 All Sectio	Connection	Ordering Alias 0 HDMI 6		lcon		Right	Connection DirecTV Set Top Box (IP/RS232)	Ordering O Alias	Show	loon No loon	- OUTPUT	HDMI 6 All Sectio	
HDMI 7 All Sectio	Connection	Ordering Alias 0 HDMI 7	Show Show	lcon	~	AT-UHD-CLSO-824 In	out Connections				~	HDMI 7 All Sectio	
VGA	Connection	Ordering Alias				Input Connections		Screen Butt	ons			VGA	
All Sectio		0 VGA	Show	lcon		HDBaseT 1	Connection	Ordering Alias				All Sectio	
SAVE						All Sectio		0 HDBaseT 1	Show	Icon	· · · · ·	SAVE	D
T-UHD-CLSO-824 Outpu	ut Connections				~	HDBaseT 2 All Sectio	Connection	Ordering Alias 0 HDBaseT 2	Show	Icon	~		
Outputs						HDBaseT 3	Connection	Ordering Alias					
HDBaseT/HDMI 1	Connection Sony Left				- HDMI 1 🔍	All Sectio		0 HDBaseT 3	Show	lcon			
HDBaseT/HDMI 2	Connection Sony Right				- HDML1	HDML4 Left	Connection LG Blu Ray	Ordering 0 Alias	Show	lcon No Icon	- OUTPUT		
						HDMI 5	Connection	Ordering		loon			

13. \*If using audio\* Open the audio device. e.g. AT-UHD-CLSO-824





14. Go to the Audio Controls section. Each control will have new selection drop downs.

15. Select the control options under all sections.

**NOTE:** The control selected under all sections will be the audio control when the room is set to open.

16. Select the audio control sections that each control belongs to when split.

**NOTE:** If Master Volume belongs to the speakers on the left side of the room, select master audio from the left side drop down menu.

- 17. Repeat until all audio is set up.
- 18. Press the Save button.

Î

o Controls						
trols:						
Control Id	Control Name	Component Name	Туре	Min	Max	Size Value
1. Output1Gain	Output 1 Gain	Audio	Integer	-90	30	1
All Sections	Split Left	Split Right	$\bigcirc$			
Master Volume	Master Volume	<ul> <li>Unassigned</li> </ul>	, U			
2. Output2Gain	Output 2 Gain	Audio	Integer	-90	30	1
All Sections	Split Left	Split Right	$\cap$			
Master Volume	- Unassigned	- Master Volume				
3. Output1Mute	Output 1 Mute	Audio	Boolean			
All Sections	Split Left	Split Right				
Master Volume M	<ul> <li>Master Volume M</li> </ul>	<ul> <li>Unassigned</li> </ul>	Ψ			
<ol> <li>Output2Mute All Sections</li> </ol>	Output 2 Mute	Audio	Boolean			
	Split Left	Split Right				
Master Volume M	<ul> <li>Unassigned</li> </ul>	<ul> <li>Master Volume M</li> </ul>				
5. Input1Gain	Video 1 Gain	Audio	Integer	-90	10	1
All Sections	Split Left	Split Right	$\bigcirc$			
Unassigned	<ul> <li>Unassigned</li> </ul>	<ul> <li>Unassigned</li> </ul>	, U			
6. Input2Gain	Video 2 Gain	Audio	Integer	-90	10	1
All Sections	Split Left	Split Right	$\bigcirc$			
Unassigned	- Unassigned	<ul> <li>Unassigned</li> </ul>	$\overline{\mathbf{U}}$			
7. Input3Gain	Video 3 Gain	Audio	Integer	-90	10	1
All Sections	Split Left	Split Right	$\bigcirc$			
Unassigned	<ul> <li>Unassigned</li> </ul>	<ul> <li>Unassigned</li> </ul>	$\overline{\mathbf{U}}$			
8. Input4Gain	Video 4 Gain	Audio	Integer	-90	10	1
All Sections	Split Left	Split Right	$\bigcirc$			
Unassigned	<ul> <li>Unassigned</li> </ul>	<ul> <li>Unassigned</li> </ul>	U,			



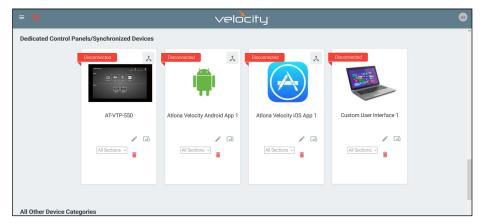
**NOTE:** Master Volume can only be set on one device. If there are multiple audio control devices, only one device can be set as the Master Volume. If both devices are set as master, an error will occur.

# **Control Devices**

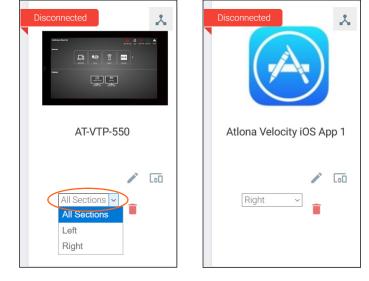
Now that all the room devices have been set up, the control devices must be set up.

**NOTE:** For split rooms, there should be two control devices. The control devices can be two of each or a mix of AT-VTPs, Android devices, Apple devices, or web browsers.

View the Custom Control Interface: General section on how to add the control devices.







Once the control panels are added to the room, select the side associated with each panel.

The room is now set up for split room control. Control macros and event macros can now be set up for split rooms.

#### **Macros**

For information on using Room and Event Macros for split rooms, see the Macros & Variables: Split Rooms section.



Macros and Conditions are used in many aspects of Velocity, from simple room on and off sequences, to split rooms, and custom UIs. The following sections will go over basic macros and conditions, as well as extra information for specific use cases. Macros and conditions can be found within the advanced settings of the rooms.

#### **Contents**

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# General

i≡ (Q)	velocity		*
🍰 Rooms 🥑 All Sites / ABC / Building 1			Â
Floor 2 ??		^ <b>~</b> i	
fde Boom			
. 💬 .			

1. Select the Edit Room Technology from the buildings screen. A new screen will open.

💲 生 Modify Room	All Sites / ABC / Building 1	/ Meeting Room 1			≠ 📰 +
	Sony TV 1	LG Blu Ray 1	Samsung Blu Ray 1	The results	
		Ŷ	Dt		

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2. Select the 🖻 button to open the Room Control Options screen.

< Room Control Op	ions		6
toom Name:	Conference		×
		¢ <sup>0</sup>	i i
	CONT	TROL SETTINGS	
Automation			
Macros:			
Event Macros:			
Room Triggers:	Ŷ		
Variables:	$\langle \rangle$		
Conditions:	۲		
Boot Macro:	Macro	G	
Audio and Dialer Sett	ngs		
Master Audio Device		Volume Ramp Interval (ms) 200	
Dialpad Device		<ul> <li>Dialpad Line Number</li> </ul>	

**NOTE:** These options are also available in the Custom Control Interface edit screen. The options will be the same in both areas.

Macros, Event Macros, Room Triggers, and Conditions can be gotten to from here.



#### **Macros**

Macros provides the ability to program and run different commands in a room.

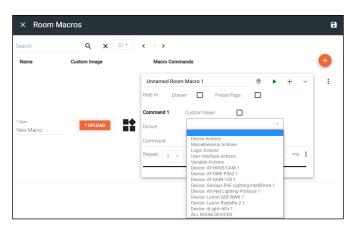
1. Select the Macros button. A new screen will slide open.

× Room Control Options		× Roo	m Macros		8	
Room Name:	Conference	Name	Custom Image	Macro Commands	•	
	C					
ふAutomation						
Macros:						
Event Macros:						
Room Triggers:	Ŕ					
Variables:	<>					

- 2. Press the + (add macro) button from the top right corner. A new selection will appear in the screen.
- 3. Name the Macro by typing the Alias into the New Macro field under \*Alias. This will be the name that appears in the control screen next to the macro.

× Room	Macros			8	× Room	Mac	ros	ros	ros	ros	ros	ros
e	Custom Image	Macro Commands	Ð		Name	Custom	Image	Image Macro Commands	Image Macro Commands	Image Macro Commands	Image Macro Commands	Image Macro Commands
Vacro	* UPLOAD	Unnamed Room Macro 1	* • + ^ :					Unnamed Room Macro 1 🛛 🚸 Hide In: Drawer Dereset Page				
								Command 1 Custom Value:	Command 1 Custom Value:	Command 1 Custom Value:	Command 1 Custom Value:	Command 1 Custom Value:
					* Alias ABC			Command:	Command:	Command:	Command:	Command:
								Parameters: Repeat: 0 v Interval: 10 ms Delay (offee)	Repeat: 0 v Interval: 10 ms Delay 0 ms	Repeat: 0 v Interval: 10 ms Delay 0 ms	Repeat: 0 v Interval: 10 ms Delay 0 ms	Repeat: 0 v Interval: 10 ms Delay 0 ms

- 4. Once named, press the + button to open the command options and set up the macro command.
  - **\*Upload** Select this button to upload a custom icon from the local PC, a new window will pop up. Custom icons must be .PNG, .JPG, .JPEG, or .BMP file types to display.
  - **Macro Name** The name of the macro will be used in Velocity to identify command on the back end. This command, once saved, can be pulled up in other macros if needed.
  - **Conditions** The double square next to the Macro name will lead to the Conditions screen. See the Conditions section for more information on this.
  - Run Command The triangle button will execute the command on press.
  - Hide In Select the checkbox next to the location names to hide the macro from view in the macro drawer or preset page.
  - **Device** Select the device that will be controlled with the macro. Only devices already added to the room will be displayed in the device drop down menu. Select Device Actions, Miscellaneous Actions, Logic Actions, VTP Panel Actions, or Variable Actions to use the built in commands.





• **Command** - Select the command from the drop down list available for the room/device. Device commands are based off the device driver within Velocity.

0

**NOTE:** Velocity has built in commands that can be used for control and each command will have extra parameters that will appear below the command once selected.

Unnamed Room I	Macro 1	۲		+	~				
Hide In: Drawer	Preset Page								
Command 1 Custom Value:									
Device:	Device Actions	*							
Command:			Ŧ						
Repeat: 0 *	CONFERENCING - DIALER CONFERENCING - DIALER DEVICES - RECONNECT DI DEVICES - SEND COMMAN DEVICES - SHOW HIDE DIS	CALL EVICE D		ms					

Unnamed Room	m Macro 1	۲	•	+	~
Hide In: Dra	ver 🔲 Preset Page				
Command 1	Custom Value:				
Device:	Miscellaneous Actions		Ŧ		
Command:			*	]	
Repeat: 0 🗸	CUSTOM GUI - BUTTON CLI	CK		ms	:
	MISCELLANEOUS - RESTAR	T VELO	CITY		
	MISCELLANEOUS - SEND EN	MAIL			
	MISCELLANEOUS - WAKE O	N LAN			-
	ROOM - CLOSE ROOM				
	ROOM - OPEN ROOM				
	ROOM - ROOM ON				
	ROOM - ROOM OFF				
	WEB - HTTP CURL REQUES	т			
	WEB - HTTP CURL (ARGS) R	REQUES	т		

- **Conferencing Dialer Button** For use with Biamp Tesira driver.
- **Conferencing Dialer Call** For use with Biamp Tesira driver.
- Devices Reconnect Device This will refresh the connection of the selected device.
- Devices Send Command This will send a command of the current value of the set variable to the chosen device. This will be used with the Custom Control Interface buttons.
- Devices Show Hide Displays This macro will provide a way to show and hide room displays.
- Custom GUI Button Click This macro will allow defined buttons to display after it is used.
- Miscellaneous Restart Velocity This will restart Velocity when the macro is triggered. Allow up to five minutes for Velocity to restart.
- Miscellaneous Send Email Sets up so an email can be sent to a specific address with a specific subject and body when triggered. Velocity must have internet access for this function to work.
- Miscellaneous Wake On LAN Velocity will trigger the device at the specified MAC address using the Wake On LAN "magic packets".
- Room Close Room Used with divisible rooms to split the current room into two independent rooms.
- Room Open Room Used with divisible rooms to take the currently split room and merge them into one room.
- Room Room ON Triggered, this will send all the room on commands to the selected room and set any control screen or touch-pad to the home page.
- Room Room OFF This will send all room off commands and set the control screens or touch-pads to the home page when triggered.
- Web HTTP cURL Request Triggers the cURL command entered into parameters.
- Web HTTP cURL (ARGS) Request Triggers the cURL command entered into parameters with variables.



#### Unnamed Room Macro 1 ۲ + Hide In<sup>.</sup> Drawer Preset Page Command 1 Custom Value: Logic Actions Device Ŧ Command: ms 🚦 Repeat: 0 -FOR LOOP AND CALL MACRO IF ELSE LOGIC (TOGGLE) IF LOGIC RUN MACRO STOP MACRO TIMER/CLOCK

Unnamed Room I	Macro 1	۲	•	+	~			
Hide In: Drawe	r 🔲 Preset Page							
Command 1 Custom Value:								
Device:	User Interface Actions		•					
Command:			v	]				
Repeat: 0 v	CLOSE REMOTE LAUNCH APP NAVIGATE ROOM PANELS NAVIGATE VIRTUAL PANEL NAVIGATE PHYSICAL PANEL OPEN RESAGE STOP APP REFRESH WEB VIEW RESTART APP SET LED COLOR SET LED OFF UPDATE WEB VIEW			ms	:			

# **Macros & Conditions**

- For Loop and Call Macro This will call a macro to resend after the set amount of miliseconds. If no loop value is set, it will loop the macro command indefinitely.
- IF Else Logic (Toggle) This can set multiple commands to a single variable based on values. This will be gone over more in the Custom Control Interface section.
- IF LOGIC This will provide a way to run a second command based off a variable being a certain value. This will be gone over more in the Custom Control Interface section.
- **Run Macro** Will run previously created macros when activated.
- Stop Macro Will stop the selected macro when pressed.
- Timer/Clock This macro will allow commands to be run on timers. Such as turning a display off 60 seconds after used.
- Close Remote This macro will close the remote drawer of the specified device on the control screen in the specified room.
- Launch App Launches the Zoom Controller APK on the VTP-800 running firmware version 1.3.5+.
- Navigate Room Panel Selecting this will make all the room panels navigate to the selected page.
- Navigate Virtual Panel Selecting this will switch all panels on a specific page to the selected page.
- Navigate Physical Panel Navigate a specific panel to the control page of the selected panel.
- Open Remote Using this macro will open the remote drawer of the specified device on the control screen in the specified room.
- Popup Message- Creates a pop up message on the VTP-800 that will appear when the macro is ran.
- **Stop APP** Closes the Zoom Controller APK on the VTP-800.
- **Refresh Web View** Refreshes the current web view.
- **Restart APP** Using this macro will reset the VTP control screen when needed.
- Set LED Color This macro will set the RGB values for the VSP-800 LED.
- Set LED ON This macro will turn the LED on for the VSP-800.
- Set LED OFF When used, this macro will turn the LED off for the VSP-800.
- **Update Web View** Use this macro to change the URL of the current web view to the newly defined URL.

Unnamed Room I	Macro 1	۲		+	~
Hide In: Drawer	r 🔲 Preset Page				
Command 1	Custom Value:				
Device:	Variable Actions		*		
Command:			Ŧ		
Repeat: 0 +	APPEND VARIABLE DECREMENT VARIABLE (INT DECREMENT VARIABLE (FLC DECREMENT VARIABLE (FLC INCREMENT VARIABLE (FLC) INCREMENT VARIABLE (INT INCREMENT VARIABLE (INT INCREMENT VARIABLE (FLC) INCREMENT VARIABLE REMOVE n CHARACTERS RI SET VARIABLE DIVIDE VARIABLE DIVIDE VARIABLE DIVIDE VARIABLE DIVIDE VARIABLE (FLC) MULTIPLY VARIABLE (FLC) DIVIDE VARIABLE (FLC) DIVIDE VARIABLE (FLC) DIVIDE VARIABLE (FLC)	OAT PREC DAT PREC DAT PREC DAT PREC DAT PREC EFT OF VA GHT OF VA RECISION F PRECISION RECISION	ISION 2 ISION 1 ISION 2 RIABLE (ARIABL (ARIABL 0N 1) 2)	2) ) )	:

- Append Variable This will adjust a variable with the append's set value. This will be used with the Custom Control Interface buttons.
- Decrement Variable (INT) This will decrease a variable by the set whole number amount. This will be used with the Custom Control Interface buttons.
- Decrement Variable (Float Precision 1) This will decrease a variable by the set 1/10th value (e.g. 0.5). This will be used with the Custom Control Interface buttons.
- Decrement Variable (Float Precision 2) This will decrease a variable by the set 1/100th value (e.g. 0.05). This will be used with the Custom Control Interface buttons.
- Increment Variable (INT) This will increase a variable by the set whole number amount. This will be used with the Custom Control Interface buttons.



Unnamed Room I	Macro 1	۲		+	~
Hide In: Drawe	er 🔲 Preset Page				
Command 1	Custom Value:				
Device:	Variable Actions		*		
Command:			Ŧ		
Repeat: 0 +	APPEND VARIABLE DECREMENT VARIABLE (IN DECREMENT VARIABLE (FL) DECREMENT VARIABLE (FL) INCREMENT VARIABLE (FL) INCREMENT VARIABLE (FLC) INCREMENT VARIABLE (FLC) INCREMENT VARIABLE (FLC) REMOVE n CHARACTERS RI SET VARIABLE DIVIDE VARIABLE DIVIDE VARIABLE DIVIDE VARIABLE DIVIDE VARIABLE (FLC) DIVIDE VARIABLE (FLC) DIVIDE VARIABLE (FLC) DIVIDE VARIABLE (FLC) DIVIDE VARIABLE (FLC)	OAT PRE OAT PRE DAT PRE DAT PRE DAT PRE EFT OF V IGHT OF RECISIO RECISIO	CISION CISION 2 CISION 2 (ARIABL VARIAB VARIAB N 1) SION 1) N 2)	1) 2) 1) 2) E	-

- Increment Variable (Float Precision 1) This will increase a variable by the set 1/10th value (e.g. 0.1). This will be used with the Custom Control Interface buttons.
- Increment Variable (Float Precision 2) This will increase a variable by the set 1/100th value (e.g. 0.01). This will be used with the Custom Control Interface buttons.
- Remove n Characters left of Variable This will remove a set amount of characters from the left side of a variable value. This will be used with the Custom Control Interface buttons.
- Remove n Characters right of Variable This will remove a set amount of characters from the right side of a variable value. This will be used with the Custom Control Interface buttons.
- Set Variable Use to change a variable value. This will be gone over more in the Custom Control Interface section.
- **Divide Variable** This will divide the variable by the set value.
- Multiply Variable This will multiply the variable by the set value.
- **Divide Variable (Float Precision 1)** This will divide the variable by the set 1/10th value (e.g. 0.1).
- Multiply Variable (Float Precision 1) This will multiply the variable by the set 1/10th value (e.g. 0.1).
- **Divide Variable (Float Precision 2)** This will divide the variable by the set 1/100th value (e.g. 0.01).
- Multiply Variable (Float Precision 2) This will multiply the variable by the set 1/100th value (e.g. 0.01).
- **Copy to Variable** This macro will copy one variable's value to another variable when triggered.



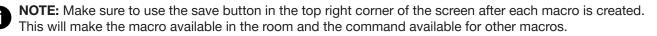
- Custom Value Select the check box to open up additional options and to add a new command for the selected device within the room. The custom command is available in this current room only.
  - ♦ HEX Select if the command will be written in HEX rather than ASCII.
  - ◊ Termination Select the command termination from the drop down: CR (Carriage Return), CRLF (Carriage Return and Line Feed), LF (Line Feed), or none.
  - Value Type out the command exactly as the device's manual/API writes it.
- **Repeat** Select how many times the command is sent out when the macro is selected within room control.
- Interval Set the amount of milliseconds between when the command is first sent and then repeated.
- Delay Set the amount of time delay between the current command and the next command being sent.

Each macro can be programmed to send multiple commands, use the plus button next to the command name to add a second command to the macro.

• :- use this option to delete, copy, or move the commands up or down. This allows for the commands to be sent in the correct order needed, entered easily with similar commands, or removed when no longer needed.



lame	Custom Image	Macro Commands		<b>(</b>	Name	Custom Image	Macro Commands
		Jump  Hide In: Drawer Preset Page	+ ~	I			Jump  Hide In: Drawer  Preset Page
as C	*UPLOAD	Command 1 Device: Device: Canon Projector Custom Value: Command: Directional Right	v		* Alias	* UPLOAD	Command 1         Device:         Device: Cancon Projector         +           Custom Value:         Command:         Directional Right         +           Parameters:         Parameters:         Parameters:         Parameters:
		Parameters: Repeat: 4 + Interval: 10 ms Delay 0 (After):	ms 🕕	Delete	ABC	* UPLOAD	(After): Command 2 Device: Device: Canon Projector -
				Copy Mave Up Mave Down			Custom Value:         Drectoral Up         +           Parameters:         Parameters:         -





5. Use the orange + button to add as many macros as needed.

× Roor	n Macros		8	× Room	Macros		8
Name	Custom Image	Macro Commands	<b>(</b>	Name	Custom Image	Macro Commands	•
* Alias				* Alias ABC	• UPLOAD	Jump	▶ + ^ E
ABC	* UPLOAD	Jump	▶ + ^ ·				
	·····			* Alias BCD	* UPLOAD	Slide	Delete
* Alias BCD	* UPLOAD	Slide	▶ + ^ ·				Г Сору
							A Move Up
							<ul> <li>Move Down</li> </ul>
							Q View Id

Use the selection after each macro to delete, copy, or move the macros up or down. This allows for the macros to be displayed in the macro drawer in the order they will be used or removed when no longer needed.



#### **Event Macros**

Event Macros are commands triggered when a particutlar room, device, or scheduled event occurs.

1. Select the Event Macros button. A new screen will slide open.

× Room Control Options		× Event M	acros	6	
Room Name:	Conference	Feature	Macro Commands	•	
	cc				
ふ Automation					
Macros:	==				
Event Macros:					
Room Triggers:	Ŷ				
Variables	$\langle \rangle$				

2. Press the + (add macro) button from the top right corner. A new selection will appear in the screen.

× Event Macros		8	× Event Macros						٦
Feature	Macro Commands	•	Feature	Macro Commands					Ð
Feature Variables - Variable Updated		:	Feature Rooms - Room On	Unnamed Room Event Macro 1	۲	×	+	^	÷

3. Select the Feature (event type e.g. Room On) drop down to select what event will trigger the macro.

Audio - Unmute Audio	• Audio - Unmute Audio - Un-muting audio in the control screen will trigger this macro.
Audio - Mute Audio	• Audio - Mute Audio - Muting audio in the control screen will trigger this macro.
Audio - Volume Up	• Audio - Volume Up - This macro will trigger anytime a Volume Up command is
Audio - Volume Down	
Conferencing - Decline Call	received.
Conferencing - Incoming Call	• Audio - Volume down - This macro will trigger anytime a Volume Down command is
Conferencing - Meeting Started	received.
Conferencing - Meeting Ended	
Conferencing - Share Content Started	• Conferencing - Decline Call - Declining a call while using a DSP or ZoomRoom will
Conferencing - Share Content Ended	trigger this event.
Dialer - Mute Dialpad Mics	• Conferencing - Incoming Call - When receiving a call, while using a DSP or
Dialer - Unmute Dialpad Mics	
Display - Merge Display	ZoomRoom, this event will trigger.
Display - Split Display	Conferencing - Meeting Started - Starting a meeting while using a DSP or
Disnlav - Video Mute	ZoomRoom will trigger this macro.
Conferencing - N	leeting Ended - This event will trigger when a meeting is ended while using a DSP or

- Conferencing Meeting Ended This event will trigger when a meeting is ended while using a DSP or ZoomRoom.
- **Conferencing Share Content Started** Starting a content share while using a DSP or ZoomRoom will trigger this macro event.
- **Conferencing Share Content Ended** To trigger this macro event, end sharing content while using a DSP or ZoomRoom.
- Dialer Mute Dialpad Mics Muting the dialpad while using a DSP will trigger this event.
- Dialer Unmute Dialpad Mics Trigger this macro by unmuting the dialpad while using a DSP.
- **Display Merge Display** When a single source is set to display on a split screen display, this macro will be triggered. When this event is selected within the menu, the display will need to be selected in the drop down menu that appears below it.
- **Display Split Display** When dual source is activated on a split screen display, this macro will be triggered. When this event is selected within the menu, the display will need to be selected in the drop down menu that appears below it.



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a <b>PANDUIT</b> company

Display - Merge Display	*
Display - Split Display	
Display - Video Mute	
Display - Video UnMute	
Scheduling - Schedule Time of Execution	
Rooms - Room On	
Rooms - Room Off	
Sources - Active AV Source	ì
Sources - Apply AV Source	
Sources - Apply Video Source	
Sources - Apply Audio Source	
Split Room - Room Open	
Split Room - Room Split	
Variables - Variable Updated	
Video Wall - Preset Triggered	
	Ŧ

- **Display Video Mute** When the Video Mute command is used, this macro will trigger.
- **Display Video UnMute** When the video is unmuted, this macro will trigger.
- **Scheduling Schedule Time of Execution** A scheduled event allows the option to create an event that happens at a certain time that can be daily or weekly. Select Scheduled Event and a new pop up will appear.

Recurrence Rule	Recurri	ng Unti						
			rrence 1 wee		Weekly n:	۳		
		Sun	Mon	Tue	Wed	Thu	Fri	Sat
		10 10			0 : ai			

- ♦ Recurrence Rule Select between Daily or Weekly.
- Day of week (weekly only) Select the days of the week for the weekly event to be added.
- ♦ Time Set the time of day this event happens.

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- ◊ Recurring Until Select this to set an end date on the calendar in which to end the scheduled event.
- Room Room On Use the start room or room on button to trigger this macro.
- Room Room Off This macro will trigger when the room off button is pressed in the control screen.
- Sources Active AV Source This will trigger when the Trigger Active Sources command (found in macros) is run. When this feature is selected, a new field will open below it.

- Use the Display drop down menu to select if the event macro will trigger with all displays or a specific one.

× Event Macros			8	× Event Macros		5
Feature	Macro Commands		•	Feature	Macro Commands	•
Feature Sources - Active Source			:	Feature Sources - Active Source		1
Sources - Active Source	Macro Name	► + ^		Sources - Active Source	Macro Name	► + ^
Display -				Any		
				Canon Projector		

 Sources - Apply AV Source - Trigger this macro when the selected source becomes active on the selected display (or any source/display combo if any is selected). When this feature is selected, two new fields will open below it.

- Use the Source drop down menu to select which source must be applied to trigger the event.

- Use the Display drop down menu to select if the event macro will trigger with all displays or a specific one.

• Sources - Apply Video Source - Trigger this macro when the selected video source becomes active on the selected display (or any source/display combo if any is selected). When this feature is selected, two new fields will open below it.

- Use the Source drop down menu to select which source must be applied to trigger the event.

- Use the Display drop down menu to select if the event macro will trigger with all displays or a specific one.

• Sources - Apply Audio Source - Trigger this macro when the selected audio source becomes active (or any audio source if any is selected). When this feature is selected, one new field will open below it.

- Use the Source drop down menu to select which source must be applied to trigger the event.

ture	Feature
urces - Apply Source	Sources - Apply Source
	Source
Any	Microsoft Game
Microsoft Game	
LG Blu Ray	Any
	Canon Projector
	Panasonic TV



Feature	
Sourc	es - Apply Audio Source
An	y
Co	mputer or Laptop 1
Co	mputer or Laptop 2
Co	mputer or Laptop 3
Co	imputer or Laptop 4
AT	HDVS-210U-TX-WP 1



- Split Room Room Open / Split Room Room Split View the Split Rooms section to learn more.
- Variables Variables Updated This macro will trigger when the specified variable is set to equal the specified operator (equal, greater than, less than, etc) and value.
- Video Wall Preset Triggered This macro will trigger when the specified preset becomes active.
- 4. Press the + button on Macro Name to open the command options and set up the macro command.

× Event Macros	a	× Event Mac	os	8
Feature	Macro Commands	Feature	Macro Commands	•
	Macro Name + ~ :		Wake Up	▶ + ·
Festure Split Room - Room Open	Command 1 Device: • Custom Value: Command: • Parameters:	Feature Split Room - Room Ope	Command 1         Device:         Device:         Canon Projector           n         Custom Value:         Command Parameters:         Power On Parameters:         Power On	* *
	Repeat: 0 + Interval: 10 ms Delay (After): 0 ms		Repeat. 0 v Interval: 10 ms Delay (After): 0	ms 🚦

- **Macro Name** The name of the macro will be used in Velocity to identify command on the back end. This command, once saved, can be pulled up in other macros if needed.
- **Device** Select the device that will be controlled with the macro. Only devices already added to the room will be displayed in the device drop down menu.
- **Command** Select the command from the drop down list available for the device. Device commands are based off the device driver within Velocity. Velocity has built in commands that can be used for control.



Custom Value - Select the check box to open up additional options and to add a new command for the selected device within the room. The custom command is available in this current room only.
 HEX - Select if the command will be written in HEX rather than ASCII.

Termination - Select the command termination from the drop down: CR, CRLF, LF, or none.

Value - Type out the command exactly as the device's manual/API writes it.

- Repeat Select how many times the command is sent out when the macro is selected within room control.
- **Interval** Set the amount of milliseconds between when the command is first sent and then repeated.
- **Delay** Set the amount of time delay between the current command and the next command being sent. Each macro can be programmed to send multiple commands, use the plus button next to the command name to add a second command to the macro.
- :- use this option to delete, copy, or move the commands up or down. This allows for the commands to be sent in the correct order needed, entered easily with similar commands, or removed when no longer needed.

× Event Macros		8	× Event Macros		8
Feature	Macro Commands	+	Feature	Macro Commands	•
Rooms - Room On	Wake Up	▶ + ^ :	Feature Rooms - Room On	Wake Up	▶ + ^ I
	Sleep	▶ + · ·	Feature Rooms - Room Off	Sleep	► + ^ :
	Command 1 Device: Device: Canon Projector Custom Value: Command: Parameters: Parameters:	*	Feature Sources - Apply Source		
Rooms - Room Off	Command 2	0 ms Delete	Source Microsoft Game 🔍	Play	Delete
	Custom Value: Command: POWER OFF Parameters:	Copy     Move Up     Move Daw	m		<ul> <li>Move Up</li> <li>Move Down</li> </ul>
	Repeat: 0 v Interval: 10 ms Delay (After):	0 ms			Q View Id



## **Room Triggers**

Room Triggers are commands triggered when a specific value/event occurs.

1. Select the Room Triggers button. A new screen will slide open.

× Room Control Options	× Room Triggers	8	A
Room Name: Conference	Trigger Macro Commands	•	
a			
ふAutomation			
Macros:			
Room Triggers:			

- 2. Press the + (add macro) button from the top right corner. A new selection will appear in the screen.
- 3. Select the control device (e.g. Velocity Command Converter) from the **Select Device** drop down menu. New options will appear below the device.

Canon Projector	× Room Triggers		8
LG Blu Ray Microsoft Game Panasonic TV	Trigger	Macro Commands	•
	Select Device Canon Projector ~		÷
Response Equals String Response Contains String	Trigger Response -	Macro Name	▶ + ^
Response RegEx Match Found	Response String		

- **Trigger Response** Select whether the device macro command will be triggered by an exact response string, a response containing the string, or a regular expression through TCP feedback responses.
  - Response Equals String When Velocity receives the exact Response String entered, this command will trigger. Commands are case sensitive. e.g. If the response string is PWON and Velocity receives pwON as the feedback, nothing will trigger. If Velocity receives PWON, then the macro commands will trigger.
  - Response Contains String When Velocity receives a feedback that contains the Response String entered, this command will trigger. Commands are case sensitive. e.g. If the response string is PWON and Velocity receives PWSTA as the feedback, nothing will trigger. If Velocity receives PWSTA PWON as feedback, the event macro will trigger.
  - Response RegEx Match Found When feedback that contains the parameters specified in the RegEx search is received, this event will trigger. e.g. The response string in the RegEx search pattern is a(b|c) and Velocity detects bc nothing will happen, but if it receives ab it will trigger the created macro because the RegEx search pattern is looking for either ab or ac.
- **Response String** Type in the response string that will be received to trigger the commands.
- Select Setting \*AT-VCC-RELAY only\* Select the sensor that will trigger the macro.
- Value \*AT-VCC-RELAY only\* Set the value of the sensor that triggers the command macros.
- 4. Once the trigger settings have been selected, press the edit button on the Macro Commands field.

× Room Triggers			8
Trigger	Macro Commands		+
Select Device Canon Projector	Macro Name	► + ×	:
Trigger Response Response Contains String	Command 1 Device:	•	
Response String PWON	Custom Value: Command: Parameters:	•	
	Repeat: 0 v Interval: 10	ms Delay (After): 0 ms	



- **Macro Name** The name of the macro will be used in Velocity to identify command on the back end. This command, once saved, can be pulled up in other macros if needed.
- **Device** Select the device that will be controlled with the macro. Only devices already added to the room will be displayed in the device drop down menu.
- **Command** Select the command from the drop down list available for the device. Device commands are based off the device driver within Velocity. Velocity has built in commands that can be used for control.
- **Custom Value** Select the check box to open up additional options and to add a new command for the selected device within the room. The custom command is available in this current room only.
  - HEX Select if the command will be written in HEX rather than ASCII.

a PANDUIT company

- V Termination Select the command termination from the drop down: CR, CRLF, LF, or none.
- Value Type out the command exactly as the device's manual/API writes it.

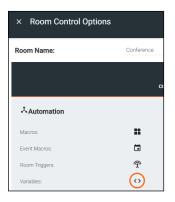


- Repeat Select how many times the command is sent out when the macro is selected within room control.
- Interval Set the amount of milliseconds between when the command is first sent and then repeated.
- **Delay** Set the amount of time delay between the current command and the next command being sent.

Each macro can be programmed to send multiple commands, use the plus button next to the command name to add a second command to the macro.

• :- use this option to delete, copy, or move the commands up or down. This allows for the commands to be sent in the correct order needed, entered easily with similar commands, or removed when no longer needed.

× Room Triggers		8	× Room Triggers		8
Trigger	Macro Commands	•	Trigger	Macro Commands	•
	Wakey Wakey	▶ + × :	Select Device Canon Projector		
Select Device Canon Projector 🔍	Command 1 Device: Device: LG Blu Ray Custom Value: POWER ON	*	Trigger Response Response Contains String		Delete Copy
Trigger Response Response Contains String	Command: Power on Parameters: Repeat: 0 v Interval: 10 ms Delay (After)	: 0 ms 🕩 🔒 Delete	Response String PWON	Wakey Wakey	Move Up
Response String PWON	Command 2 Device: Device: Microsoft Ga	Copy			<ul> <li>Move Down</li> <li>Q View Id</li> </ul>
	Custom Value: Command: POWER ON Parameters:	▼ V Move Down	Select Device Velocity Command Converter - R =		
	Repeat: 0 v Interval: 10 ms Delay (After)	0 ms <b>;</b>	Select Setting -	Drop	▶ + ^
			Value Opened ~		



#### Variables

Variables are functions that can be set and changed based on set events. They can be created in the variables menu. View the Variables section under Custom Control Interface for more information on how to create variables.



× Room Control Op	tions
Room Name:	Conference
	CONTROL SETTINGS
Automation	
Macros:	# <b>•</b>
Event Macros:	
Room Triggers:	Ŷ
Variables:	<>
Conditions:	۲
Boot Macro:	Macro

**Boot Macro** 

Boot Macro was created so that after Velocity has been turned on or rebooted, any room that needs to return to active can be done automatically. This can be set up for one room or multiple rooms.

Before anything can be set to the Boot Macro field, the macro must first be created. Follow the instructions within the Macros section on how to create macros. The macro should be named to make it easier to locate when there are a lot of macros on the system. The name will be pulled from the Macro Name field, not the alias field.

× Room Macros								
Name	Custom Image	Macro Commands		+				
* <sub>Alias</sub> Room On	* UPLOAD	Class 2 - Room On	♦ ► +	^ I				

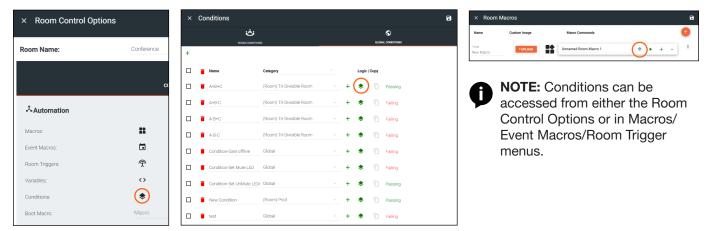
Once the Macro has been set up, it can be selected from the Boot Macro drop down menu and then saved using the save icon at the top right corner of the Room Control Options menu. Repeat this for every room needed.

Boot Macro:		C	× Room Control Options				
	Class 2 - Room On		Room Name:	Class 2			
					🔅 🥹 CONTROL SETTINGS		
			Automation				
			Macros:	**			
			Event Macros:				



#### Conditions

Every Macro can be set to run only when certain conditions are met. This is used mostly with the Custom Control Interface section buttons.



1. Open the conditions window by selecting the stack icon in the Macros window (as circled above). A new screen will open.

× Conditions	E	× Conditions	8
یک این (+)	CO RLOBAL CONDITIONS	Conditions Passing	
Category	- Logie   Capy	Macro Conditions Pailing Los Condition Condition Condition Condition	

- Failing / Passing This will display the current status of the condition, whether all variable conditions are met or not.
- Link Condition \*Macros menu only\*- This will import the settings from another perviously created condition to the current macro's conditions. The same conditions can be connected to multiple macros to have them all run when the conditions are met.
- + or ADD This will add a new condition to the macro. If there is already at least one condition it will add an OR condition which will trigger the macro whether the first condition is met or not.
- Edit \*Macros menu only\*- This will allow the current condition's name to be edited.
- **Copy** \*Only active in the Room Control Options: Conditions\*- This creates a copy of the selected condition within the Conditions menu.
- Evaluate as Variables Change \*Macros menu only\*- When selected, Velocity will periodically check to see if the conditions of the macro are met and run the command if they are. If deselected, Velocity will only check to see if the conditions are met and run the command at the press of a button or another macro.
- 2. Select the Add button to create the first condition.

Macro Conditions Evaluate as Variables Change:			
Conditions		450 GR	
TX Variable:		+	•
	Conditions <sup>®</sup> Passing		
	Conditions Variable:	== • Value	+



- 3. Select the Variable, Operator, and Value for the condition.
  - **Variable** Select the Variable from the drop down list. All created variables and device variables will be listed in the drop down. View the Custom Control Interface section to create new variables.
  - **Operator** Select the operator for the specified value: == (equal to), <= (less than or equal to), < (less than), >= (greater than or equal to), > (greater than), or != is not equal to.
  - Value Set the value for the variable that needs to be met.

×	== •
Passcode Current for Large Meeting Space A/V MUTE	==
AUDIO MUTE SELECTED	<=
HDMI 1 Status HDMI 2 Status	<
HDMI 3 Status HDMI 4 Status	>=
HDMI 5 Status Divided Combined	>
Button label split merge TV 1 Source	!=
TV 2 Source Audio	
USB Button 1	Value
Button 2 Button 3	123456
Button 4 🔹	

Once all fields are set the condition is done. More And conditions can be added using the + or an Or condition can be added using the ADD OR button.

Using the green + button provides a second variable option. If used, the Macro will need both values met before it will run.

	Conditions						ADD OR	*
i ×	Variable:	Label	T	== *	Value 12	AND		
×	Variable:	Room	¥	== ¥	Value 456	+		
								CLOSE

In this case, the Macro will only run if the variable Label is set to a value of 12 and the variable Room is set to 456. An example of a use case for this is if a command or function needs to be hid behind a password to be ran.

	Conditions					ADD OR
i ×	Variable:	Label	== •	Value 12	AND	
×	Variable:	Room	== •	Value 456	+	
OR	Variable:	Hidden •	== •	Value		
- ×	vandule.	- House -		3	+	CLOSE

In some cases a second condition may be wanted to have the option to run the command when either the first conditions are met, or a second completely different condition is met. To do this, use the ADD OR button to choose the secondary variable, operator, and value for the separate condition. In this case, the macro can run if it meets the first two conditions OR if the second condition is met.



#### **Split Rooms**

Selections are available within the macros and event macros sections for split rooms. Each section will be able to define what commands/macros will be available depending on what the status of the room is.

- 1. Select the Room Control Options icon at the top right of the screen. A new screen will slide open on the right side of the room.
- 2. Select the Room Macros or Event Macros icon from the Automation section. A new screen will take over once selected.

Modify Room All Sites »	All Buildings » All Rooms » I	BBBB » Modifying Techno	ology			
S Technology					( <b>#</b> )	+
	Image: State of the state o	Sony TV (Non IR)	Sany TV (Non IR)	LG Blu Ray O III Ping-Info		

× Room Control Options		٦
Room Name:	Conference	×
	<b>\$ 0</b>	
	CONTROL SETTINGS	
Automation		
Macros: Event Macros:		
Room Triggers:		
Variables:	$\diamond$	
Conditions:	. ◆	

#### **Room Macros**

Room macros can be set up so that a room can be open or split at the touch of a button. Room macros can also be set so certain commands are only available to each side of the room when split, so that there is no chance of cross commands between the split room.

× Room Macros					
Custom Image	Room State	Macro Commands	+		
	Open   Left   Right				
		Custom Image Room State	Custom Image Room State Macro Commands		

To set up the room macro:

1. Select the orange + button in the top right of the screen.





- 2. Provide an Alias for the macro e.g. Open or Close
- 3. \*Optional\* Upload a custom image to appear for the command on the control page.
- 4. Select the room state for the command to appear. e.g. Open, Left, and Right selected for it to appear in all states.
- 5. Select the command type from the drop down. e.g. Select Miscellaneous Actions from the drop down for Open/ Close Room.
- 6. Select the command value from the drop down e.g. Open room or Close room for Open/Close.
- 7. Select the room the command controls e.g. Current room being edited
- 8. \*Optional\* Select how often the command will repeat and how long to delay between commands. Default is 0.
- 9. \*Optional\* Provide a macro name.
- 10. Press the Apply Settings button in the top right corner to save the macro.
- 11. Repeat as many times as needed to create all the macros for room control.

× Room M	lacros			8						
Name	Custom Image	Room State	Macro Commands	+						
		Open   Left   Right	Unnamed Room Macro 1 🔹 🕨 + Hide In: Drawer 📄 Preset 📄 Page	· · ·						
			Command 1 Custom Value:	_	Macros					5
* Alias New Macro	* UPLOAD		Device: Miscellaneous Actions Command: ROOM - OPEN ROOM	* *	Custom Image	Room State	Macro Commands			•
			Room: Entry Way Repeat: 0 + Interval: 10 ms Delay 0	"<> ms :	* UPLOAD		Macro Name	•	+ ^	1
			(After):	Close	* UPLOAD		Macro Name	•	+ ^	] :
				* Alias Left	* UPLOAD		Macro Name	•	+ ^	:
				* <sub>Alias</sub> Right	* UPLOAD		Macro Name	•	+ ^	] :

#### **Event Macros**

Event macros can be set to send commands for displays and devices when events such as Room Split or Room Open occur. New options appear when the room has been set as a split room and each command can be set to send when the room is in a specific state.

× Event Macros			8
Feature	Room State	Macro Commands	÷
	Open   Split   Left   Right		

To set up the event macro:

1. Select the orange + button in the top right of the screen.

× Event M	lacros						
Feature		Room State	Macro Commands				+
Feature		Open   Split   Left   Right					
Room Split	~		Macro Name	•	+	^	:



- 2. Select the Feature.
- 3. Select the room state in which the event occurs. For some options, room state is not applicable.
- 4. Set the command type, value, room, and repeat values for the feature.
- 5. Repeat steps 1 through 4 until all Event Macros are set up.

× Event Macros	;	E	3	× Event Macros			8
Feature	Room State	Macro Commands		Feature	Room State	Macro Commands	
	Open   Split   Left   Right	Macro Name +		Feature Room Split ~	Not Applicable	Macro Name + ->	:
Feature Room Split	Not Applicable	Command 1     Velocity     Custom Value:       Command:     CLOSE ROOM     •       Parameters::     Room     BBBB     •		Feature Room Open	Not Applicable	Macro Name         +	:
		Repeat: 0 + Interval: 10 ms Delay 0 ms : (After):				Room         BBBB         *           Repeat:         0         *         Interval:         10         ms Delay         0         ms I           (Atter):         (Atter):         *         *         *         *	

		Macro Name			•	+ ~	
		Command 1	Velocit		Custom Value:		
		Command:	ROOM	ON		•	
oom On		Parameters:					
		Room		8888		*	
		Room Section		All			
		Repeat: 0 +	Interval:	10	ns Delay 0 (After):	ms i	

#### Room On Event Macro:

With the room on macro, it can be set for open or split.

In this example set up, if Velocity sets the room to open or split, it will trigger the event macro Room On and turn on all devices not excluded in the Excluded On/Off Devices section of the Room Control Options.

Feature Apply Source		Command 1	AT-UH	D-CLSO-824 ×	Custom Value:		
		Command:	Input S	Switch To Output		*	
Source Any		Parameters:					
		Input		4		*	
Display		Output		1		*	
Sony Left		Repeat 0 +	Interval	10	ms Delay 0 (After):	ms :	
					()		
Feature Apply Source		Macro Name Command 1	AT-UH	D-CLSO-824 *	Custom Value:	+ ~	
Apply Source				D-CLSO-824 ×	Custom Value:	+ ~	
Apply Source		Command 1 Command: Parameters:		Switch To Output	Custom Value:	-	
Apply Source		Command 1 Command: Parameters: Input			Custom Value:	-	
Penture Apply Source Source Any Display Sony Right		Command 1 Command: Parameters:		Switch To Output	Custom Value:	-	

#### Apply Source Event Macro:

With the apply source macro, it can be set for a split room and which side it occurs on.

In these examples, if Velocity is set to a split room, the UHD-CLSO-824 will be triggered to switch the source on the left side to Input 4 for Sony Left (output 1) and on the right side to input 6 for Sony Right (output 2). This will enable the change to occur automatically when split room is enabled to provide a seamless switch between open closed rooms.



Atlona has provided two ways to customize the control interface. Velocity tools can be used by those that are familiar with JavaScript, HTML, and CSS and Custom User Interface Design Tool can be used for those unfamiliar with coding. This section will go over the Custom User Interface Design Tool.



**NOTE:** To create a custom control interface using JavaScript, HTML, and CSS, follow the instructions found within the Customized Control UI Setup Guide found in the resources tab of <u>https://atlona.com/product/vgw-hw/</u> or <u>https://atlona.com/product/vsg/</u>.

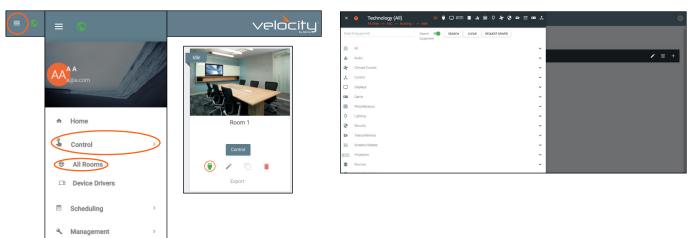
# Contents

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# General

- 1. Select the  $\equiv$  button from the top left corner and select **Control**.
- 2. More options will appear. Select **All Rooms**. A new screen will open.
- 3. Select the Edit Room Technology button on the room tile. The Modify Technology screen will open.



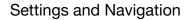
4. Press the Custom User Interface Design Tool button to open the edit window for the custom control screens.



5. **\*Optional**\* Set the resolution for the control screen of Android, Apple, Windows, or browsers and press **SAVE**. If using a Velocity Touch Panel, the resolution will already be set.

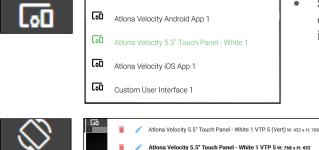
≡	0									$\sim$	/ela	i	۲y					
١<	Add Components		© ۵۵	ŧ	±	1	c	<b>•</b>	<b>Q</b> 10	0% <b>Q</b>	ô	諁	< <b>&gt;</b>	幸		Properties		×
0	Buttons	~	Room												Ĉ.	BACKGROUND STYLE	HEADERS	
⊛	Media	~													H	Background Image		× Î
																Upload or Drag		- 1
•()	Sliders	~																- 1
-	Labels	~														BROWSE		- 1
- 22	Panel Widgets	~																- 1
															H-			
																Control Panel Background Settings		~
																Font and Icon Color		- 1
																Background Settings		- 1
																		- 1
																Background Image Only     Background Image + Radial Gradient		- 1
																O Background Image + Flat Color		- 1
																<ul> <li>Background Radial Gradient</li> </ul>		- 1
																O Background Flat Color		- 1
																More Background Settings		- 1
			4												×.	Background Opacity		







Switch between custom Uis, resolutions, import and export Uis, launch controls, save changes, return back to the technology page, zoom in and out on the page, lock everything on the current page, see page grid, view variables, and view page options using the middle navigation bar at the top of the UI editor. New pages can be added from the bottom middle navigation bar.



- **Synced Panel** Select the custom user interface page to be edited. All the control screens in the current room will display in this drop down.
  - Resolutions Select resolution of the control screen from the drop down. It will display portrait and landscape resolutions.
- **Import / Export** Download or upload Custom User Interface pages using these buttons. This will save the currently created pages and their backgrounds, but not buttons, sliders, etc.
- Launch Control Select this to launch a browser window for a preview of the custom user interface control screen in the specified resolution. A pop up will appear to allow for the selection of which custom interface to preview.

Rename Control Page	
New Page	
	CLOSE

- C
- **Apply Changes** Pressing this button will push the changes made in the editor to the control screen.
- Edit Technology Select this to return back to the room technology page.

**Zoom In/Out** - Use these buttons to view the control interface closer or further away. The percentage of scaling will appear between the zoom controls.



- **Lock Position & Size** Press to lock the buttons and page to their current size and position to avoid any accidental movements.
- X
- Gridlines Gridlines will help with alignment of buttons and labels. The grid will appear only on the control screen edit page and will not appear on the control screen..





Room Options - View the Control Settings section for more information on this.



# **Background**

Set the background image, color, and headers for the current page.

≡												Ve	elc	i⊃it	IJ.						
I<	Add Components		60	$\oslash$	ŧ	±	<b>£</b>	G	<b>•</b>	Q,	100%	ຊ	ô	×	$\leftrightarrow$	幸		Т	Properties		×
0	Buttons	~	Roor	m													(	Ê	BACKGROUND STYLE	HEADERS	
⊘	Media	~																	Background Image		× Î
•()	Sliders	~																	$\langle \dots \rangle$		- 1
-	Labels	~																L	BROWSE		
	Panel Widgets	~																	Control Panel Background Settings Fort and Icon Color Background Settings D Background Image Only		~
																		*	Background Image + Radial Gradient     Background Image + Rat Color     Background Radial Gradient     Background Radial Gradient     Background Flat Color  More Background Settings		

.

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	BACKGROUND STYLE	
Back	ground Image	~
	Upload or Drag BROWSE	
Cont	rol Panel Background Settings	~
Font	t and Icon Color	
Bac	kground Settings	
0	Background Image Only	
000000000000000000000000000000000000000	Background Image + Radial Gradient	
0	Background Image + Flat Color	
۲	Background Radial Gradient	
0	Background Flat Color	
Mor	e Background Settings	
	Background Opacity	
	No Opacity	-
Gradi	ent Color: Base Color:	
Head	ler	~
Sho	w Room Title:	
Sho	w Room Header Icons:	

- **Background Image** Select the BROWSE button to load a new background from the local computer. The background must be .PNG, .JPG, .JPEG, or .BMP. When the pop up appears, select the background image from the local computer. Once selected, press the Open button to load the image to the control screen.
  - **Control Panel Background Settings** Set the font and icon colors for the header text and icons.
- **Background Settings** Change the background of the control screen between an image, a gradient, or a flat color. Default is a grey gradient screen.
- **Background Opacity** Set how solidly the back ground shows on the control screen. The lower the opacity, the higher visibility text and images have.
- Gradient Color Select a color for the center of the gradient.
  - Base Color Select the color of the outside of the gradient.
  - **Header** Select the sliders to show or hide the room tile or header icons (Room on/off and Navigation).

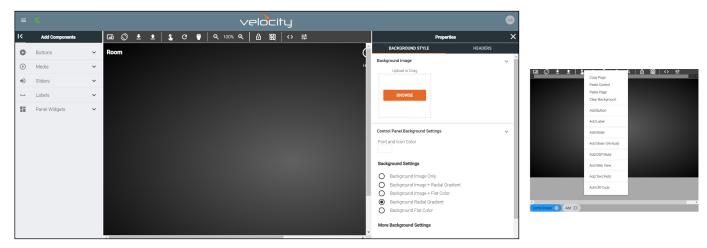
Right click the screen and select Clear Background to remove the background image.



**NOTE:** Clear only removes the background image, any colors or gradient changes will remain until changed within room options.



# **Controls**



Controls provides a way to create custom buttons, labels, audio sliders, DSP mute, web site view, and text boxes. To create a custom control, use the menu on the left side of the screen or right click in the edit screen area. The new controls will appear within the edit screen area.

**NOTE:** All controls can be copied, pasted, and deleted using keyboard shortcuts: CTRL +C, CTRL +V, and DELETE. When copy and pasting controls, they will appear on top of the copied control and must be moved in order to adjust each control.

### Buttons / Labels

=			velocity		<b>@</b>	
۱<	Add Components	GO 🖉 🛨 🗶 GO	ᇢ   Q 100% Q   台 裍   ↔ 幸	Properties	×	8 (◇ ± ±   \$ ======= (→ === (→ ======= (→ ======== (→ ========
	Buttons  Media Sliders Labels	Room	♥   Q 100% Q   ⊡ HQ   O ⇒=		HEADERS	0     ●     ●     Copy Page       Plant Cortical     Plant Cortical       Plant Cortical     Plant Page       Plant Page     Plant Page       Celle Biologundi     Add Ibler       Add Ibler     Add Stater       Add Stater     Add Stater (Instead)       Add Stater (Instead)     Add Stater (Instead)       Add Stater (Instead)     Add Stater (Instead)       Add Stater (Instead)     Add Stater (Instead)
				Background Settings Background Image Chly Background Image + Radal Gradient Background Image + Flat Color Background Radal Gradient Background Radal Gradient Background Flat Color More Background Flat Color		Ast Of Code

To create a button, select **Buttons** or **Labels** from either the **Add Components** menu or the drop down menu in the screen field. A custom button can be created/added, see the **Adding Custom Icons** section for information.

Buttons Solid	^	Control Creation Set Label and System Variable Name	
🕑 Media	^	Label for new control	Label1
Icon Buttons	~	System Variable Tied to Control	
Button Backgrounds	~	CANCEL CREATE	
Room Images	~	A pop up will appear once a button is selected	ed. Provide a label and system variable that will
Sliders	^	be associated with the button.	2
Horizontal		• Button : Solid - Select this to create a bu	tton with a solid color background.
Vertical		<ul> <li>Media : Icon Buttons - Select this to creat database.</li> </ul>	ate a button with an icon already in the
Labels	^	Media : Button Backgrounds - Select th backgound.	is to add a button with preadded gradient



<ul> <li>Buttons</li> <li>Solid</li> </ul>	~	
(b) Media	^	Label 1
Icon Buttons	~	
Button Backgrounds	~	
Room Images	~	
Sliders	^	
Horizontal		
Vertical		
└─ Labels	^	
Label		

- Media : Room Images Select this to create a button with an image already uploaded for room use.
- Labels : Label Select this to add a label field.

Once a control has been added to the edit screen area, the button can be clicked on to open the properties menu to the right of the screen.

	ACTIONS	STYLE	ARRANGE
Button 1	Macros		^
	Navigation		^
	System Variable Tied To C	Control	^
	Conditions		^

	Properties		
ACTIONS	STYLE	ARRAN	IGE
Macros			~
On Press or Tap Macro			
Macro Commands	Click Add To Create Macro	+	^
On Release Macro			
Macro Commands	Click Add To Create Macro	+	^
On Drag Start Macro?	Car	Drag	٠
Macro Commands	Click Add To Create Macro	+	^
On Drop Macro ?			
Macro Commands	Click Add To Create Macro	+	^

		Properties		×
ACTIONS		STYLE		ARRANGE
Macros				^
Navigation				~
1 Room	$\rightarrow$	2 Panel	$\rightarrow$	3 Screen
None				
Previous				
Room				
Training Room				

### MACROS

- **On Press or Tap Macro** Select or Add a macro that will be triggered when pressing or taping the button/label on the control screen.
- On Release Macro Select or Add a macro that will trigger when the button or label is released.
- **Can Drag** slider Select the slider (it will turn green) to allow a button/ label to be dragged and dropped. If this is not enabled, On Drag Start Macro and On Drop Macro cannot be used.
- On Drag Start Macro Set the button/label to run a macro or change a variable when the button/label is dragged across the control screen, or if another button is being dragged and released onto this button/ label.
- On Drop Macro Set the button/label to run a macro or change a variable when the button/label is let go after dragging it across the control screen.

### Navigation

Use this to set the button to change which UI page a control panel is on.

- **Room** Select Room from the three options. A list of all active rooms will appear, as well as the none and previous. Previous will navigate the selected panel back to the screen it was last on.
- **Panel** Select which control panel the button will control. Generally this will be the panel located in the current room. If this button is on a master panel page, it can be used to control which UI page the secondary panels will be on.
- Screen Select the UI page that the selected panel will navigate to.



	Properties	>
ACTIONS	STYLE	ARRANGE
Macros		^
Navigation		^
System Variable Tie	d To Control	~
Variable Name:	Button 1	
Conditions		~

### System Variable Tied To Control (Buttons only)

 Variable Name - Provides a way to name the Variable adjusted with the web view field. Rename to provide a way to easily adjust the web view through macros and other commands.

ACTION	IS STYLE	ARRANGE
Macros		^
Navigation		^
System Varia	ble Tied To Control	^
Conditions		+ ~
Variable:	Operator: Value:	
Colors: For Hidden: Image: Def	nt: Border: Disabled: Tault Icon	Fill:

### Conditions

+ - Press the add button to set up conditions to alter the visual properties of buttons and labels.

**Variable -** Select an already created variable from the drop down. **Operator -** Sets the properties of the value that triggers the settings in this condition. Properties are: equals, less than or equals, greater than or equals, greater than, or not equal to.

Value - Set the value to trigger the settings in this condition.

**Font/Border/Fill** - Set colors that will trigger when the values are met. **Hidden -** Hides the button if the values are met.

**Disabled** - Enable or disable the button's function. No commands or macros attached to this button will execute when disabled. **Image** - Changes the icon when the values are met.

NOTE: View the Macros & Variables Button Configurations section to see more about conditions and uses.

Select style for visual options on buttons and labels.

ACTIONS	STYLE		ARRAN	GE
Label				~
Value: Button 1			OR	
٩				~
Horizontal Align Center		~		
Vertical Align Middle		*		
Absolute Positioned:				
Absolute Top: 0				
Absolute Left: 0				
Font Size: 18		~		
Font Color:				
Image				^

	Properties		×
5	STYLE	ARRANGE	
			^
		Default Icon	^
		Dipload New	
lt Icon	~	Manage Images	
		- Uploaded Images	
	Clear	Action	
dow:	Clear 🔽	Enable - Alert	
			- I

### Label

- **Value** Type in the control name, or select from a previously created variable (see Variables section) from the drop down menu.
- **H-Alignment / V Alignment -** This will automatically position the value within the button or label field.
- **Absolute Positioned -** This will enable the manual placement of the label within the field using the Absolute Top and Absolute Left values.
- Absolute Top / Absolute Left Adjusts the distance from the left or top of the button/label field.
- **Font Size** Select the label font size from the drop down menu.
- Font Color Select a custom color for the font.

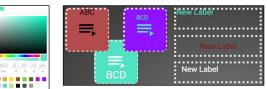


Image (Buttons only)

- Image Velocity provides a full range of icons to select from, or new images can be uploaded and used. Images must be .PNG, .JPG, .JPEG, or .BMP. See the Adding Custom Icons and Managing Custom Icons sections for more information.
- **Fill -** Select a custom background color for the button.
- **Depressed Shadow** Enable this option and then select a color to display when the button is pressed.
- **Fit** Select how the selected image will display on the button. If the image is larger than the icon, the selected fit type will result in a varying look.

ACTIO

Defai Image:

Inherit

Depressed Sha

Drop Shadows

Label

Image

Fill

Fit



P	roperties	×
ACTIONS	STYLE ARRANGE	
Label	^	^
Image	^	
Drop Shadows	~	
Enable:		
Color: Clear	Drop Shadows	
Horizontal: 0 px	Enable:	
Vertical: 0 px	Color: Clear	
Blur Radius: 0 px	Horizontal: 5 px	
	Vertical: <u>5</u> px	
	Blur Radius: 15 px	
Opacity: 100	Spread Radius: 15 px	_
Border Options	^	
-	Opacity: 100	~

### Drop Shadows (Buttons only)

- Enable Select to show drop shadows on a button.
- Color Select the color box and choose from the .
- **Horizontal** Set how much drop shadow will appear on the sides of the button.
- **Vertical** Set how much drop shadow will show above and below the button.
- Blur Radius Set the amount of fading for the drop shadow.
- **Spread Radius** Set how far out the drop shadow will display.
- **Opacity** Set how strong the drop shadow displays. The lower the number, the more the drop shadow will blend into the background.



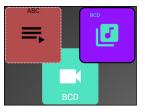
ACTIONS		STYLE		ARRANGE	
Label					^
Image					^
Drop Shadows					^
Border Options					~
Border Type: Border Size:	Solid		*	None Hidden	
Border Size. Border Radius: Border Color:	10		~	Dotted Dashed Solid	
Opacity			L	Double	^
Button Overlay					~

Opacity		~
Opacity:	None 👻	

		Properties	×
A		STYLE	ARRANGE
Opacity	y		^
Button	Overlay		~
Contr	ol Name: <sup>Button 1</sup>	0	
Click	on page load:		
Toggl	e Page Buttons:		
Displa	ay Page Buttons:		
	Home Screen		
	Home Screen		
	Home Screen		
$\checkmark$	Master		
	Page 1		
	Page 2		v
<			>

### **Border Options**

- **Border Type** Use the drop down menu to select the type of border the icons and labels will have.
- Border Size Select the thickness of the border.
- Border Radius Adjusts the curve of the button edges.
- Border Color Select a custom color for the field border.



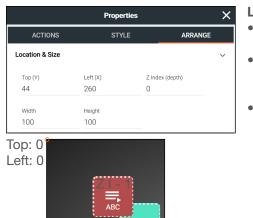
### Opacity

.

**Opacity** - Set how solidly the icons and labels shows on the control screen. The lower the opacity, the higher visibility text and images have.

Button Overlay (Buttons only) Future Feature





### Location & Size

- **Top / Left -** These numbers will adjust the distance from the left or top of the screen that the button/label will appear.
- **Z Index** Starting at 0, this will provide the order in which icons/labels will appear. **e.g.** If two buttons overlap, the higher Z index will show in front of the lower Z index button.
- Width / Height Edit the size of the button, label, or audio control. Default is 100 by 100 for buttons/DSP Mute, 200 by 50 for labels, and 300 by 100 for sliders and DSP Gain.

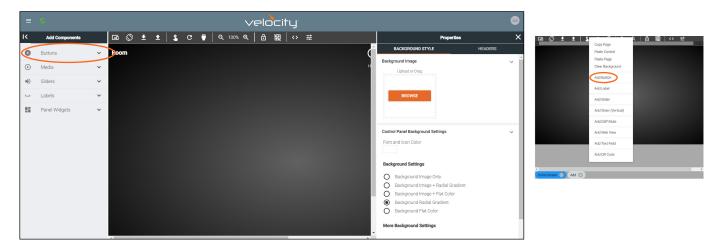
# Adding Custom Icons

Custom icons can be added in two ways: through the Add Components menu within the button configuration or by dragging and dropping the image into the custom UI edit page.

• **Drag and drop** - New icons can be added by dragging an image file (.PNG, .JPG, .JPEG, or .BMP) from the local computer onto the page edit screen. A plus sign will appear on the icon as it is dragged into the edit field and then it can be released. Once released, the image will appear as a button.

	velocity		• = •	velocity	
Add Components 🛛 🐼 🛓 🛓	💄 C 🖗 q 100% q 👌 辍 🗘 🕫 x14 y1	Properties	X IC Add Components	Ga ① ± ± \$ C ♥ Q 100% Q 台 嘏 ↔ 荘 x41 y20 Properties	
D Buttons ^	Kone Share View Picture Tools	- ¤ × ~0	NGE Buttons A	BACKGROUND ST	YLE
Solid	← → → ↑ ■ → Box Sync → ProductCIP → LineArt → Accessories → ↓ French ^ Name ^ Date model	v D P Search Accessories	Solid		
Meda A	PW         Fallen         11/3/2020           IntegrationNote:         BD         U4/2021 B           IdV         Isleidercape         11/3/2020	AM File folder	Media A		
icon Buttons	Manual Share     Manual (D     Manual (	19 PM File folder 52 AM File folder	icon Buttons		
Popular •	Marketing and T     Stopeakers     Stopeakers	II AM ALFRE 1,590 KB	Popular		
≪ ∠ ≜ 0	Misc     Stopeakers,color     Sylv2006 1:     defr (tamara.cli     defr     def	11 AAM PRVG File 132 X8 12 AAM Al File 1.374 X8	0 × × ± 0		
□ ● 台 ∪	POP Manuals     Pop Manua	12 AM PING File 161 KD	n 🕀 🖨 地		
\$ ↔ ## ₽		12 AM PNG File 178 KB	▲ ✿ ↔ ₩ ♥		
< 4 \$ \$ ₹ 2 <	Product Marketin     ProductCLP     Vocaming     ProductCLP     ProductCLP		< < ± ⊾		
Home Screen		<u></u> *_	» « \$ % Z	V Land Construction ( Add C )	

To create a button, select **Buttons** or **Labels** from either the **Add Components** menu or the drop down menu in the screen field. A custom button can be created/added, see the **Adding Custom Icons** section for information.

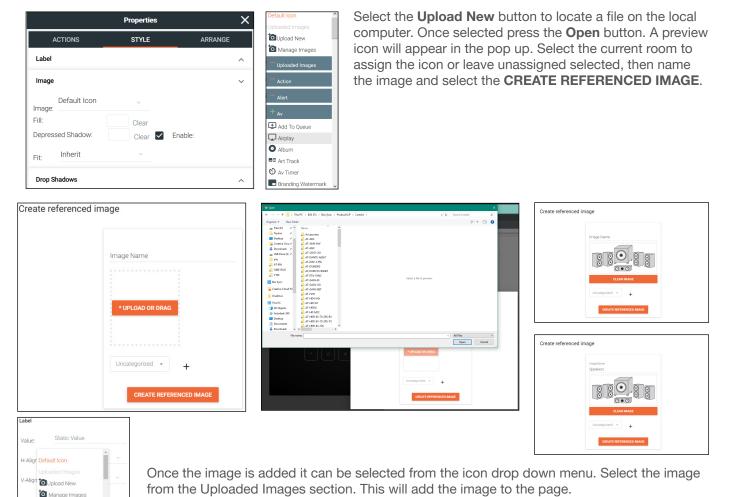


Once a button has been added to the edit screen area, the properties menu can be opened by clicking on the button. Options will appear in the menu to the right of the screen.



	ACTIONS	STYLE	ARRANGE
Button 1	Macros		^
	Navigation		^
	System Variable Tied To	Control	^
	Conditions		^

Select Style from the top navigation. Once in the style menu, select the Image field.





# Managing Custom Icons

Once images are uploaded, they can be edited, copied, or deleted from the Reference Image List page. To get to the page, select Manage Images from the icon drop down menu. A new page will open.

ult Icon	io	Referenced Image	e List						
aded Images		Showing All Referenced	Images			+		E I	1 💼
Jpload New		Name	Folder	Last Change	Changed By			'U'	
Vlanage Images	1	BLURAVInefront_color.png	Custom GUI:Class 1	10 Minutes					
	1	BLURAYline.jpg	Custom GUI Class 1	12 Minutes			EDIT	COPY	DELE
ploaded Images	1	Speakers	Custom GUI Class 1	30 Minutes	Muntner, Nathan				
nages: Custom GUI:Clas	1	Atlona_Logo_White_All.png	control	30 Minutes					
opular									
utorenew									
uild									
one									
ject									
lelp									
Home -			Q SEARCH			> 🔸			

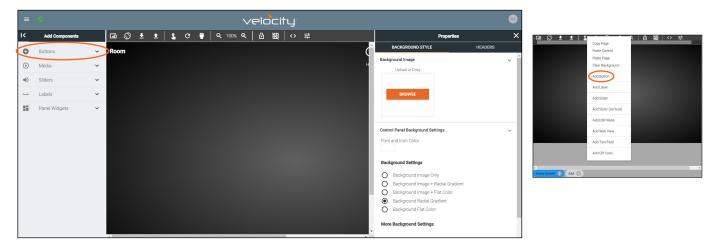
Use the edit icon to adjust name and assignment, the copy icon to duplicate the image, and the delete icon to remove any extra or unneeded images from the system.

### Navigate to Music Server - Button / Navigation

Velocity has built in a default Music Server page. Navigation to this page can be done using a new button or enabling it in the page navigation. This can be set up with or without the music server added to the room technology, but it is recommended to add the music server first to ensure it is working.



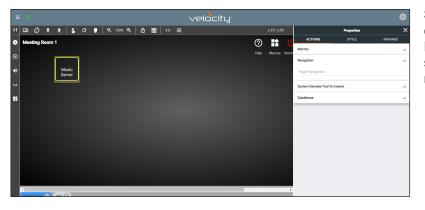
**NOTE:** Specific information for each music server can be found in separate Integration Notes, found in the resources tab of: <u>https://atlona.com/product/at-vgw-sw/</u>.



To create a button, select **Buttons** or **Labels** from either the **Add Components** menu or the drop down menu in the screen field. A custom button can be created/added, see the **Adding Custom Icons** section for information.

Once a button has been added to the edit screen area, the properties menu can be opened by clicking on the button. Options will appear in the menu to the right of the screen.





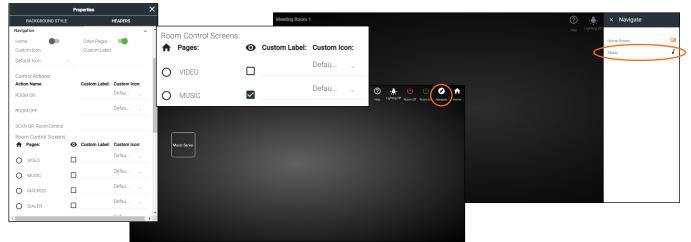
Select the Navigation section. A drop down called Page Navigation will appear. Select Music (System) from the drop down. Once selected the button, when pressed, will navigate to the music server page.

		Properces		^
	ACTIONS		AFRANCE	
м	acros			^
N	wigation			v
	Home - (System)			
1	Video - (System)			
4	Dialer - (System)			
<	Music · (System)	>		
	Video Conference - (S	lystem)		
	Zoom · (System)			
	VideoWall - (System)			
	Lighting - (System)			
	Macros - (System)			
	Home Screen			

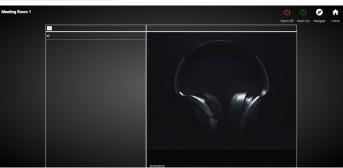
To create the option to navigate to the music server page from any of the custom UIs. Select the background, which will open the options on the right side of the screen. Select Headers from the menu.

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ĸ	Add Components		© م	ŧ	±	1	с	-	ବ୍	100%	ର୍	ô	82	‹›	幸		Properties	×	:	BACKGROUND STYLE	
0	Buttons	v	Room													ć	BACKGROUND STYLE HEAD	ERS		Header	
-			Koom													) Y	Background Image	~	^	Room On	
•	Media	~														1	Upload or Drag			Room Off	
	Labels	~															BROWSE			Navigation	
	Panel Widgets	~																		Scheduler	
																				Home	
Í																	Control Panel Background Settings	~		Room Macros	
Í																				Macro Drawer	
Í																	Background Settings			Room Support Help	
																	O Background Image Only O Background Image + Radial Gradient			Mute Video	
																ľ	Background Image + Flat Color     Background Radial Gradient     Background Radial Gradient     Background Flat Color  More Background Settings				
																	more background settings				

Select Navigation from the menu. New options will open. There will be a list of Room Control Screens. Select the check box next to Music to have that option appear within the Navigate selection inside the Control UI page.

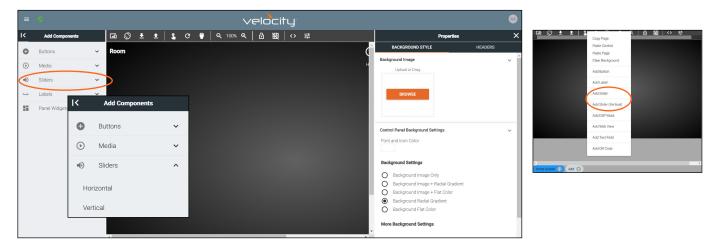


The music server page will open. At this time, there is a default page layout that cannot be edited.





### Slider - Horizontal/Vertical



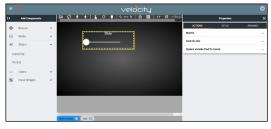
To create a slider, select **Slider** then **Horizontal** or **Vertical** button from the left menu or right click the control screen and select **Add Slider** or **Add Slider** (**Vertical**) from the drop down. A pop up will appear.



The label and corresponding system variable can be added here.

Provide a label name, this can be left blank if no label is desired.

Set a variable name to be tied to the slider. This will provide a variable to be used to trigger commands and functions when the slider is used.



Once the slider has been added to the screen area, it can be customized by clicking the slider and editing properties in the right menu.

ACTIONS	STYLE	ARRANGE
Control Links		~
Control Device		Ŧ
Control Channel		v
Toggle Channel		v
Slider Type		~
Low Value	High Value	
Step Value		
Show Percentage		
Value Postfix		
Show Incremental + and -		

### Control Links

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•

•

- **Control Device** Select the audio device that has already been added and set up in the room or variable value (new values will show up with the selection of Variable Value).
- **Control Channel** Choose the audio channel from the drop down menu. Only channels already in the audio driver will appear.
- **Toggle Channel -** Select the mute command option for the specified channel.
- Slider Type Set the value to Float or Integer.
- **Low/High Value -** Set the minimum and maximum value of the slider.
- **Step Value -** Set how much the value is adjusted when moving the slider up or down.
- Show Percentage slider Set the slider to percentage instead of
- Value Postfix Set the value for the slider. e.g. db
- Show Incremental + and slider Enable to add a +/- to the slider for increasing and decreasing the value in steps.



ACTIONS	STYLE	ARRANGE
Macros		~
Control Links		^
System Variable Tied 1	o Control	~
Variable Name:	VolHSlider	
ACTIONS	STYLE	ARRANGE
Label		~
Value: Vol		OP

Value: Vol	OR
۵	~
Horizontal Align Center	~
Vertical Align Top	v
Absolute Positioned:	
Absolute Top: 0	
Absolute Left: 0	
Font Size: 18	~
Font Color: Clear	

ACTIONS	STYLE	ARRANGE
Label		^
Secondary Label Styl	ing	*
Absolute Positioned	d: 🗖	
Absolute Top: 0		
Absolute Left: 0		
Font Size: 18	Ŧ	
Font Color:	Clear Match Label	

ACTIONS	STYLE	ARRANGE	
Label			^
Secondary Label Styling			^
Track Options			~
Active Track Color:	Clear		
Inactive Track Color:	Clear		
Selected Track Color:	Clear		
Handle Fill Color at Zero:	Clear	Track Options	
Border Options		Active Track Color:	
Opacity		Inactive Track Color:	
		Selected Track Color:	
		Handle Fill Color at Zero:	

### System Variable Tied To Control

• Variable Name - Provides a way to name the Variable adjusted by the slider. This will provide a way to easily adjust the slider through macros and other commands.

### Label

- **Value** Type in the control name, or select from a previously created variable (see Variables section) from the drop down menu.
- Horizontal Alignment / Vertical Alignment This will automatically position the value within the slider field.
- **Absolute Positioned -** This will enable the manual placement of the label within the field using the Absolute Top and Absolute Left values.
- Absolute Top / Absolute Left Adjusts the distance from the left or top of the slider field.
- Font Size Select the label font size from the drop down menu.
- **Font Color** Select a custom color for the font.

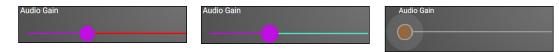
### Secondary Label Styling

- Absolute Positioned This will enable the manual placement of the label within the field using the Absolute Top and Absolute Left values.
- **Absolute Top / Absolute Left** Adjusts the distance from the left or top of the slider field.
- **Font Size** Select the label font size from the drop down menu.
- **Font Color** Select a custom color for the font.
- Match Label Select to have the secondary label match the main label options.

### **Track Options**

- Active Track Color The gain bar will display this color when the DSP is actively sending audio.
- **Inactive Track Color** The color selected will display when the volume bar is not being used.
- Selected Track Color Select the color the gain bar will be while adjusting volume.
- Handle Fill Color at Zero Select how the selected image will display on the button. If the image is larger than the icon, the selected fit type will result in a varying look.
  - **NOTE:** When the volume is being adjusted, the volume bar will display grey.

**NOTE:** A light circle will display around the volume indicator until the volume bar is deselected.

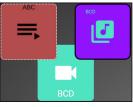




ACTIONS		STYLE	ARRANGE	
Label				^
Secondary Label	Styling			^
Track Options				^
Border Options				~
Border Type: Border Size:	Border Type:	~	None Hidden Dotted	*
Border Radius: Border Color:	None Clear		Dotted Dashed Solid Double	Ŧ

### **Border Options**

- **Border Type** Use the drop down menu to select the type of border the slider will have.
- Border Size Select the thickness of the border.
  - Border Radius Adjusts the curve of the button edges.
- Border Color Select a custom color for the field border.



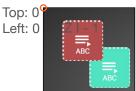
# ACTIONS STYLE ARRANGE Label ^ Secondary Label Styling ^ Track Options ^ Border Options ^ Opacity \_

# Opacity Opacity

•

**Opacity** - Set how solidly the slider shows on the control screen. The lower the opacity, the higher visibility text and images have.

ACTIONS	STYLE		ARRANGE
Location & Size			~
Top (Y) 45	Left (X) 41	Z Index (d O	lepth)
Width 100	Height 300		



### Location & Size

- **Top / Left -** These numbers will adjust the distance from the left or top of the screen that the button/label will appear.
- **Z Index** Starting at 0, this will provide the order in which icons/labels will appear. **e.g.** If two buttons overlap, the higher Z index will show in front of the lower Z index button.
- Width / Height Edit the size of the slider. Default is 100 by 100 for buttons/DSP Mute, 200 by 50 for labels, and 300 by 100 for sliders and DSP Gain.

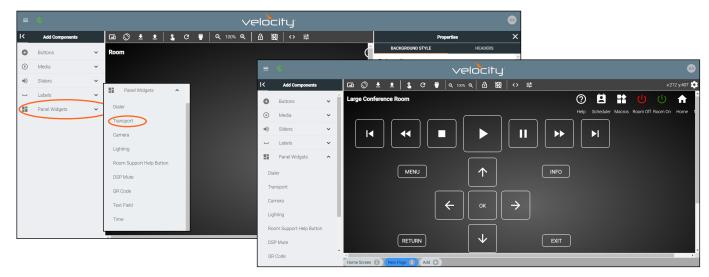


### Dialer

	$\vee$	elocity <sup>.</sup>							
I < Add Components	🖬 🛇 🛨 🛓 🖁 🖉 🖗 🔍 00% Q	□□				Properties	×		
Buttons	~ Room		(Î	BACK	GROUND STYL	E HEADI	ERS		
🕑 Media	<ul> <li>Image: A set of the set of the</li></ul>		н	Background			~		
Sliders	• <u> </u>			Орк	ad or Drag				
🛏 Labels	Panel Widgets	= \$				veloci	ty <sup>.</sup>		
Panel Widgets		K Add Components		± ±	S C	🕛 ବ୍ 100% ବ୍ 🔒 🔂	図 ◇ 苹		x 54 y 59 🏟
	Transport	🕒 Buttons 🗸	Large Confe	erence Roo	m			0 🖪	🕯 🕛 🕛 🏫 🍐
	Camera	🕑 Media 🗸							acros Room Off Room On Home 1
	Lighting	Sliders							
	Room Support Help Button	Labels V	1	2	3			$\leftarrow \times$	
	DSP Mute	Panel Widgets				Dial	Hang Up	Privacy Mute	
	QR Code	Dialer	4	5	6				
	Text Field		}						
	Time	Transport	7	8	9				
		Camera							
		Lighting		0	#	Redial 🍾	Reject 🗢		
		Room Support Help Button	·						
		DSP Mute							•
		QR Code	Home Screen	Add 🕀					• • •

To create a default arrangement for Dialer, select **Dialer** from the Panel Widgets on the left navigation. This will create a full dialer on the page. Fill in all the button options with the needed variables and macros, like described in the **Buttons / Labels** section.

### Transport



To create a default arrangement for play, stop, pause, menu, etc, select **Transport** from the Panel Widgets on the left navigation. This will create a full transport button layout. Fill in all the button options with the needed variables and macros, like described in the **Buttons / Labels** section.



### Camera



To create a default arrangement for camera control, select **Camera** from the Panel Widgets on the left navigation. This will create a full layout for control of a camera. Fill in all the button options with the needed variables and macros, like described in the **Buttons / Labels** section.

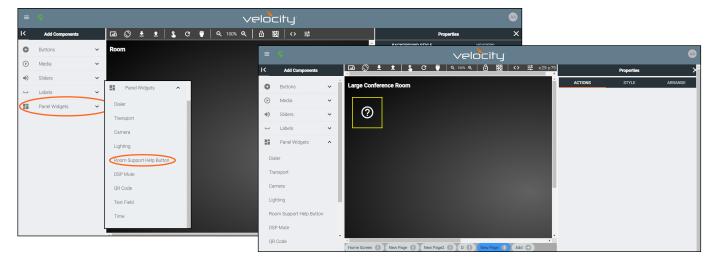
# Lighting



To create a default arrangement for lighting control, select Lighting from the Panel Widgets on the left navigation. This will create a basic layout for multiple lighting controls, zones, and presets. Once the layout is created, each item will have to be assigned to a specific function/macro/etc. These items can be set up like explained in the Buttons / Labels / Slider - Horizontal/Vertical sections.



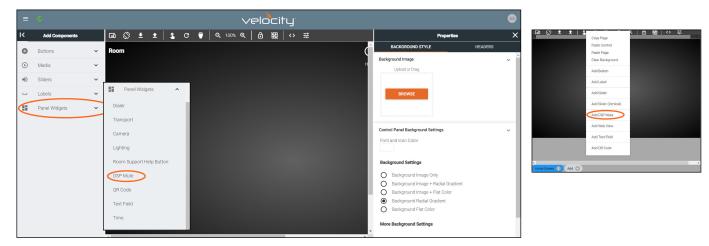
# Room Support Help Button



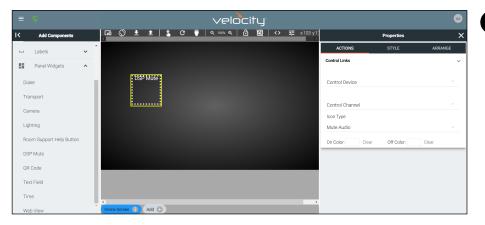
To create an issue report button, select **Room Support Help Button** from the Panel Widgets on the left navigation. This will create a support icon to be placed on the page. This button will have no user programmable buttons but its style and placement can adjusted like within the **Buttons / Labels** section.



### DSP Mute



To create a DSP Mute button, select **Add DSP Mute** from either the Panel Widgets on the left navigation or the drop down menu in the screen field.



**NOTE:** The DSP Mute button will display icons by status. No icon will display on the page edit screen.

Once a control has been added to the edit screen area, select the square and the properties menu will appear on the right side.

ACTIONS	STYLE	ARRANGE
Control Links		~
Control Device		v
Control Channel		~
Icon Type Mute Audio		Ţ
On Color: Clea	ar Off Color:	Clear

ACTIONS	ST	/LE	ARRANG	E
Label				~ ^
Value:	DSP Mute		OR	- 1
Q				~
Horizontal Alig	n Center	v		
Vertical Align	Тор	Ψ		
Absolute Posit	ioned:			
Absolute Top:	0			- 1
Absolute Left:	0			
Font Size:	18	v		
Font Color:	Clear			- 1

### **Control Links**

• **Control Device** - Select the audio device that has already been added and set up in the room or variable value (new values will show up with the selection of Variable Value).

М

- **Control Channel** Choose the audio channel from the drop down menu. Only channels already in the audio driver will appear.
- **Icon Switch** Select if the icon controls muting audio (Mute Audio) or turning lights on/off (Light Switch).
- On/Off Color Set the button colors that will display when Audio is muted (on) or not muted (off).

### Label

- **Value -** Type in the control name, or select from a previously created variable (see Variables section) from the drop down menu.
- **H-Alignment / V Alignment -** This will automatically position the value within the slider field.
- **Absolute Positioned** This will enable the manual placement of the label within the field using the Absolute Top and Absolute Left values.
- Absolute Top / Absolute Left Adjusts the distance from the left or top of the slider field.
- Font Size Select the label font size from the drop down menu.
- Font Color Select a custom color for the font.



ACTIONS	STYLE		ARRANGE
Label			^
Border Options			~
Border Type:	Border Type:	v	
Border Size:		~	A
Border Radius: Border Color:	None	None Hidden Dotted	
Opacity		Dashed Solid Double	-

### **Border Options**

•

Opacity

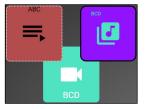
.

ARRANGE

Z Index (depth)

0

- Border Type - Use the drop down menu to select the type of border the DSP Mute will have.
- Border Size Select the thickness of the border. •
  - Border Radius Adjusts the curve of the button edges.
- Border Color Select a custom color for the field border. •



Left (X)

103

Height

100

ACTIO	ONS	STYLE	ARRANGE
Label			^
Border Opti	ons		^
Opacity			~
Opacity:	None	×	

### Location & Size

Top / Left - These numbers will adjust the distance from the left or top • of the screen that the button/label will appear.

**Opacity** - Set how solidly the DSP Mute shows on the control screen.

The lower the opacity, the higher visibility text and images have..

- Z Index Starting at 0, this will provide the order in which icons/labels • will appear. e.g. If two buttons overlap, the higher Z index will show in front of the lower Z index button.
- Width / Height Edit the size of the slider. Default is 100 by 100 for • buttons/DSP Mute, 200 by 50 for labels, and 300 by 100 for sliders and DSP Gain.

# Web View

ACTIONS

Location & Size

TOD (Y)

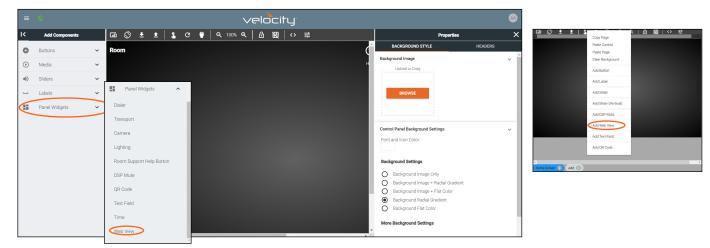
113

Width

100

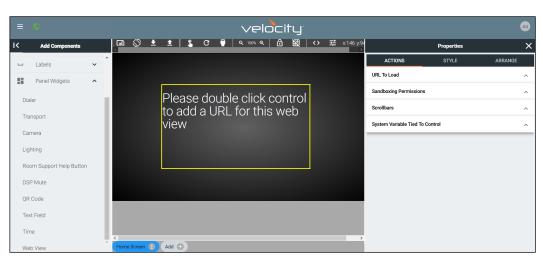
Top: 0

Left: 0



Once the web view has been added to the edit screen area, select the square and the properties menu will appear on the right side.





Once a web view has been added to the edit screen area, select the square and the properties menu will appear on the right side.

ACTIONS	STYLE	ARRANGE
URL To Load		~
URL		
URL Allows For Keyboard	d Popup	
Sandboxing Permissions		^
Scrollbars		^
System Variable Tied To C	ontrol	^

### **URL To Load**

- **URL** Allows a specific web site to be loaded into the control screen. Velocity must have internet access for this to display.
- URL Allows For Keyboard Popup Enables a keyboard to appear on screen inside the web view for touch typing.

AC.	TIONS	STYLE	ARRANGE
URL To L	oad		^
Sandboxi	ng Permissions		~
Sandbox	< Iframe		
Scrollbar	Sandboxing Permissio	ns	~
	Sandbox Iframe		
System V	Allow Forms		
	Allow APIs		
	Allow Popups		
	Allow Same Origin		•
	Allow Scripts		
	Allow Top Navigation	I.	

### **Sandboxing Permissions**

Will set the permission levels on what is allowed to be passed from the URL. When **Sandbox iFrame** is enabled, this will allow the blocking / allowing of Forms, APIs, Popups, Same Origin, Scrips, and Top Navigation within the web view field.

ACTIONS	STYLE	ARRANGE
URL To Load		^
Sandboxing Permissions		^
Scrollbars		~
Show ScrollBars		
System Variable Tied To Co	ontrol	^

ACTIONS	STYLE	ARRANGE
URL To Load		^
Sandboxing Permissions		^
Scrollbars		^
System Variable Tied To Co	ontrol	~
Variable Name:	WebView1	

### Scrollbars

• **Show Scrollbars Slider** - Slider allows (green) or blocks (grey) the web page's scrollbars to appear within the Web View field.

### System Variable Tied To Control

• Variable Name - Provides a way to name the Variable adjusted by the web view. This will provide a way to easily adjust the slider through macros and other commands.



ACTIONS	STYLE	ARRANGE
Label		^
Border Options		~
Border Type:	Border Type:	*
Border Size:		None
Border Radius: Border Color:	None	Hidden Dotted Dashed
Opacity		Solid Double

### **Border Options**

- **Border Type** Use the drop down menu to select the type of border the web view will have.
- Border Size Select the thickness of the border.
- Border Radius Adjusts the curve of the button edges.
- Border Color Select a custom color for the field border.

### Opacity

• **Opacity** - Set how solidly the web view shows on the control screen. The lower the opacity, the higher visibility text and images have.

ACTI	ONS	STYLE	ARRANGE
Label			~
Border Opt	ions		^
Opacity			~
Opacity:	None	*	

ACTIONS	STYLE		ARRANGE
Location & Size			~
Top (Y)	Left (X)	Z Index (dej	pth)
94	146	0	
Width	Height		
430	239		

### Location & Size

- **Top / Left -** These numbers will adjust the distance from the left or top of the screen that the button/label will appear.
- Z Index Starting at 0, this will provide the order in which icons/labels will appear. e.g. If two buttons overlap, the higher Z index will show in front of the lower Z index button.
- Width / Height Edit the size of the slider. Default is 100 by 100 for buttons/DSP Mute, 200 by 50 for labels, and 300 by 100 for sliders and DSP Gain.

### Text Field

Top: 0

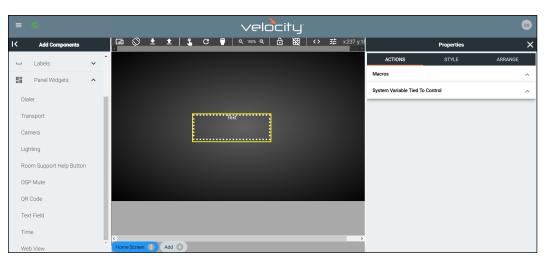
Left: 0

=	\$	velocity:		
I<	Add Components	Ga ⊗ ± ±   \$ C ♥   Q 100% Q   台 路2   ↔ ≓	Properties X	GRO ② ± ± ↓ 5 Copy Page
•	Buttons 🗸	Room	BACKGROUND STYLE HEADERS	Paste Control Paste Page Clear Background
•	Media 🗸		Upload or Drag	Add Button Add Button
_	Labels 🗸	Panel Widgets	BROWSE	Add Slider
	Panel Widgets 🗸	Dialer Transport		Add Slider (Vertical) Add DSP Mute
		Camera	Control Panel Background Settings  V Font and Icon Color	Add Web View
		Lighting Room Support Help Button	Background Settings	Add QR Code
		DSP Mute	Background Image Only     Background Image + Radial Gradient	Nome Screen 👔 Add 🕥
		QR Code	Background Image + Flat Color     Background Radial Gradient     Background Radial Gradient	
		Time	More Background Settings	

This field allows the end user to add, edit, or change a variable within a popup keyboard. For each text field, there will be an associated variable that will be changed by the popup keyboard.

To create an adjustable text field, select **Text Field** from either the left Panel Widgets menu or the drop down menu in the screen field.





Once a text field has been added to the edit screen area, select the field and the properties menu will appear on the right side.

ACTIONS	STYLE	ARRANGE	
Macros			~
On Release Macro			
Macro Commands	Click Add To Crea	te Macro 🕇	^
System Variable Tied To (	Control		^
ACTIONS	STYLF	ARRANGE	

ACTIONS	STYLE	ARRANGE
Macros		^
System Variable Tied T	o Control	~
Variable Name:	TextField1	

ACTIONS	STYLE	ARRANGE
Label		~
Value: Text		OR
۹ 🗌		OR
Horizontal Align Cen	ter	
Vertical Align Top	~	
Absolute Positioned:		
Absolute Top: 0		
Absolute Left: 0		
Font Size: 15	V	
Font Color:	Clear	
TextBox Font Size:	34	$\overline{\nabla}$
TextBox Underline Col	lor: Clear	
TextBox Focused Und	lerline Color:	Clear
Enable Button:		
TextBox Button Width	100	
TextBox Button Text:	GO!	
TextBox Button Color:		Clear
Border Options		^
Opacity		^

### Macros

**On Release Macro -** Select or Add a macro that will trigger when the user selects the text field button. This can be used to trigger a command or greeting to change when the button is used.

### System Variable Tied To Control

• Variable Name - Provides a way to name the Variable adjusted by the text field. This will provide a way to easily adjust the slider through macros and other commands.

### Label

- **Value** Type in the control name, or select from a previously created variable (see Variables section) from the drop down menu.
- **H-Alignment / V Alignment -** This will automatically position the value within the slider field.
- **Absolute Positioned -** This will enable the manual placement of the label within the field using the Absolute Top and Absolute Left values.
- Absolute Top / Absolute Left Adjusts the distance from the left or top of the slider field.
- Font Size Select the textbox label font size from the drop down menu.
- **TextBox Font Size** Select the font size from the drop down menu for the adjustable text within the textbox field.
- **TextBox Underline Color** Select a custom color for the underline for the text field when unselected.
- TextBox Focused Underline Color Select a custom color for the underline for the text field when selected.
- Enable Button Enable to provide a button that will run the macro attached to the textbox field.
- **TextBox Button Width** Sets the size of the textbox button. Default is 100.
- Textbox Button Text Set the message that appears on the button for the text field.
- **Textbox Button Text: Font Color** Set the color of the font on the button for the text field.
- Textbox Button Color Sets the color of the textbox label.



ACTIONS	STYLE	ARRANGE
Label		^
Border Options		~
Border Type: Border	p	lone
Border Size:		lidden Dotted
Border Radius: None	s	Dashed
Border Color:	Clear	ouble -
Opacity		^

STYLE

ARRANGE

### **Border Options**

•

.

•

•

~

~

- **Border Type -** Use the drop down menu to select the type of border the text field will have.
- Border Size Select the thickness of the border.
- Border Radius Adjusts the curve of the button edges.
- Border Color Select a custom color for the field border.

### Opacity

**Opacity -** Set how solidly the text field shows on the control screen. The lower the opacity, the higher visibility text and images have.

Opacity				~
Opacity: Non	e –			
ACTIONS	S	TYLE	ARRANGE	
Location & Size				~
Top (Y)	Left (X)	Z Inde	(depth)	
181	237			

Height

75

### Location & Size

- **Top / Left -** These numbers will adjust the distance from the left or top of the screen that the button/label will appear.
- **Z Index** Starting at 0, this will provide the order in which icons/labels will appear. **e.g.** If two buttons overlap, the higher Z index will show in front of the lower Z index button.
- Width / Height Edit the size of the slider. Default is 100 by 100 for buttons/DSP Mute, 200 by 50 for labels, and 300 by 100 for sliders and DSP Gain.

Width

225

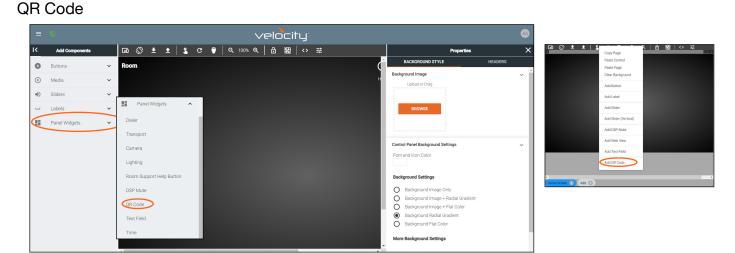
Top: 0

Left: 0

ACTIONS

Border Options

Label



To create a QR Code, select **QR Code** from either the left Panel Widgets menu or the drop down menu in the screen field.



≡ ©	velocity			
K Add Components	【GEE ② ± ±   \$ C ♥   Q 100% Q   台 N22   <> 荘 x54 y:59		Properties	×
🖵 Labels	Large Conference Room	ACTIONS	STYLE	ARRANGE
Panel Widgets		Link to VTP		
Dialer		Room:	Large Confe	erence Ro 👻
Transport		VTP:		
Camera				
Lighting				
Room Support Help Button				
DSP Mute				
QR Code				
Text Field				
Time				
Web View		4		

Once a QR Code has been added to the edit screen area, select the field and the properties menu will appear on the right side.

ACTIONS	STYLE	ARRANGE
Link to VTP		
Room:	Entry Way	v
VTP:	AT-VTP-550	~

### Link to VTP

- Room Use the drop down menu to select the Room the QR Code will route to.
- VTP Use the drop down to select the control panel the QR will populate.

ACTIONS	STYLE		ARRANGE
Border Options			~
Border Type:	Solid	V	
Border Size:		v	
Border Radius: Border Color:	None	~	
Opacity			^

STYLE

ACTIONS

None

Border Options

Opacity

# **Border Options**

- Border Type Use the drop down menu to select the type of border the QR Code will have.
- Border Size Select the thickness of the border.
- Border Radius Adjusts the curve of the button edges.
- Border Color Select a custom color for the field border.

### Opacity

ARRANGE

^

~

**Opacity -** Set how solidly the QR Code shows on the control screen. • The lower the opacity, the higher visibility text and images have.

Opacity: None		
ACTIONS	STYLE	ARRANGE
Location & Size		~
Top (Y)	Left (X)	Z Index (depth)
40	75	0
Width	Height	
165	195	

### **Location & Size**

- Top / Left These numbers will adjust the distance from the left or top • of the screen that the button/label will appear.
- **Z Index** Starting at 0, this will provide the order in which icons/labels will appear. e.g. If two buttons overlap, the higher Z index will show in front of the lower Z index button.
- Width / Height Edit the size of the slider. Default is 100 by 100 for buttons/DSP Mute, 200 by 50 for labels, 300 by 100 for sliders and DSP Gain, and 195 by 165 for QR codes.



### Time

Scrollbars Show ScrollBars

Label

Value:

Q

ACTIONS

Time

Clear

Horizontal Align Center

Vertical Align Top

Absolute Positioned:

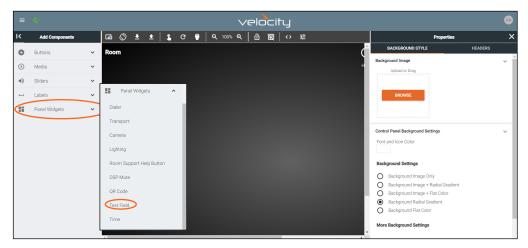
Absolute Top: 0

Absolute Left: 0

Font Size: Font Color:

Border Options

18



To add the time to the page, select **Time** from the left Panel Widgets menu.

ACTIONS	STYLE	ARRANGE
Clock Settings		~
24 Hour Format		
Show Day		
Scrollbars		^
ACTIONS	STYLE	ARRANGE
Clock Settings		^

STYLE

### **Clock Settings**

- 24 Hour Format Slider Switch between 12 hour (grey) and 24 hour time format.
- Show Day Slider Sets the time field to show the date along with the . time.

YLE	ARRANGE	3
		•
	^	

ARRANGE

OR

~

~

•

### Scrollbars

Show ScrollBars - Enable or disable scrollbars on this feature.

	L	a	b	e	Ì
				_	_

- Value Type in the control name, or select from a previously created . variable (see Variables section) from the drop down menu.
- H-Alignment / V Alignment - This will automatically position the value within the time field.
- Absolute Positioned This will enable the manual placement of the • label within the field using the Absolute Top and Absolute Left values.
- Absolute Top / Absolute Left Adjusts the distance from the left or • top of the slider field.
- Font Size Select the label font size from the drop down menu. •
- Font Color Select a custom color for the font. •

ACTIONS	STYLE		ARRANGE	
Label				^
Border Options				~
Border Type:	Border Type:	Ŧ		
Border Size:		V		
Border Radius:	None	~		
Border Color:	Clear			

### **Border Options**

- Border Type Use the drop down menu to select the type of border • the time field will have.
- Border Size - Select the thickness of the border.
  - Border Radius Adjusts the curve of the button edges.
- . Border Color - Select a custom color for the field border.

Opacity



ACTIONS		STYLE	ARRANGE
Label			^
Border Options			^
Opacity			~
Opacity: None	~		
ACTIONS		STYLE	ARRANGE
Location & Size			~
Top (Y)	Left (X)		Z Index (depth)
79	97		0

### Opacity

**Opacity** - Set how solidly the time field shows on the control screen. The lower the opacity, the higher visibility text and images have.

### Location & Size

- **Top / Left -** These numbers will adjust the distance from the left or top of the screen that the button/label will appear.
- Z Index Starting at 0, this will provide the order in which icons/labels will appear. e.g. If two buttons overlap, the higher Z index will show in front of the lower Z index button.
- Width / Height Edit the size of the slider. Default is 100 by 100 for buttons/DSP Mute, 200 by 50 for labels, 300 by 100 for sliders and DSP Gain, and 195 by 165 for QR codes.

### **Control Alignment**

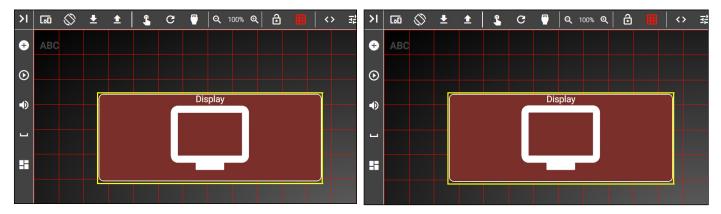
Heigh

100

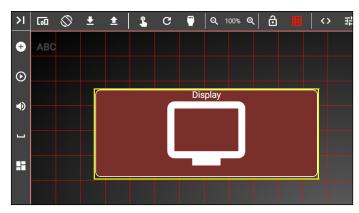
Width

400

Once controls have been added to the custom UI their position can be adjusted. There are three ways to adjust the controls: A small nudge using the arrow keys, a large nudge using the Shift key and arrow key together, and by selecting multiple controls and using the align options.

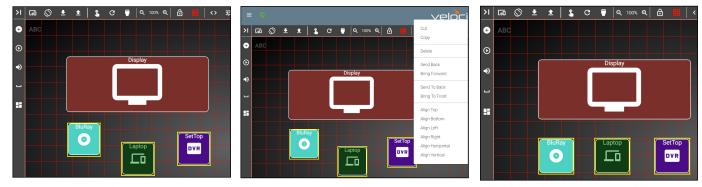


Select the control (in this example we are using a button). To move it slightly up, press the up key on the keyboard. This will move the button up slightly (above right picture). To adjust the button in larger movements, hold down the Shift key and press the up key (pictured below).





The align options can be used to adjust multiple controls at once. Use the shift button and select all the controls that need to be aligned (in this example the bottom three buttons will be aligned to each other).



Right select the screen to display the Align options (middle picture). In this case to put all the buttons on the same horizontal line, select Align Top, this will align all the buttons to the highest button's top border (right most picture).

=	\$								$\sim$	elc	⊃⊂it	IJ.						
ĸ	Add Components		lan 🛇	ŧ	<b>±</b>	\$ G (	)   (	<b>Q</b> 100%	Q	6	82	$\leftrightarrow$	華			Properties		×
0	Buttons	~	Room											(	i	BACKGROUND STYLE	HEADERS	<u>^</u>
⊛	Media	~												н		kground Image		~
•()	Sliders	~													11	Upload or Drag		- 1
ů L	Labels	~														BROWSE		- 1
															13	DROWSE		
	Panel Widgets	~													1.			- 1
															Cor	trol Panel Background Settings		~
																nt and Icon Color		
															1.5			- 1
															Ba	ckground Settings		- 1
															C			
															ē			
															č			
															м	re Background Settings		
			4											· · · · ·	-			
			Hama Career	00												Background Opacity		*

Multiple custom pages can be created for each control device. The pages will be listed at the bottom center area of the custom control interface page.

- Press the Add + button to add a new page. A pop up will appear.
- Type in a new label in the page name field, then press close. The new page will have the same resolution as the first page.
- Press the Page Name at the bottom of the screen to switch to the new page.
- Use the : button next to the page name to open the page menu. From the menu the page can be set as home, deleted, or renamed.



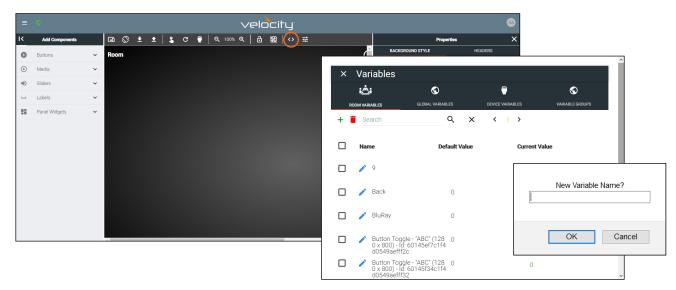
# **Room Options**

View the Control Settings section within the sites to go over the room options. This menu will provide quick access to macros, room selectors, and more.

# Pages



# Variables



Variables are functions that can be set and changed based on set events. They can be created in the variables menu. By default, Device Variables will be open, but all variables on Velocity can be accessed through the tab labeled Global Variables.

- Select Variables from the top middle options.
- Press the + button to add a new variable. A browser pop up will appear.
- Enter a name for the variable in the New Variable Name box. \*If no name is given it will create a new variable with the name: New Variable, which can be changed from within the Variable list.
- **NOTE:** If the new variable or a renamed variable does not display in the correct alphabetical order, use the browser refresh/reload button to force the menu to reload.
- Select the OK button.
- Use the trash can button to delete any unneeded variables.

Once variables are created, they can be used to alter the looks of buttons and labels. To change the buttons/labels, Macros and Conditions must be used. These provide a way to indicate what that status of a device or button is. View the Macros & Variables Button Configurations section to view different ways to use variables.



### Variable Groups

Once Variables are created, they can be grouped. This can be used to display status, such as with power or input toggling. The group variable will toggle between 1 (active) and 0 (inactive), only one device can be set to 1 (active).

• Select the Variable Groups from the top navigation of the Variables menu.

Non-Grouped Variables     Add New Group     600af878c1f4d05ec     Non-Grouped Variables     Add Group     600af8       Non-Grouped Variables     Add Group     0     Non-Grouped Variables     Add New Group     0       Sff36364c1f4d00     Non-Grouped Variables     Add New Group     0     Image: Complex of the compl	ROOM VARIABLES	GLOBAL VARIABLES	DEVICE VARIABLES	VARIABLE GROUPS	ROOM VARIABLES		VARIABLES	DEVICE VARIABLES	VARIABLE GROUPS
Non-Grouped Variables     Add New Group     600af878c1f4d05ec     Non-Grouped Variables     Add Group     600af878c1f4d05ec       Non-Grouped Variables     Add New Group     0     Non-Grouped Variables     Add New Group     0       iff36564c1f4d00     Non-Grouped Variables     New Group     0     Image: Complex of the sec Group     0       iff36564c1f4d00     Non-Grouped Variables     New Group     0     Image: Complex of the sec Group     0       ihba7a22     Non-Grouped Variables     New Group     Group     Image: Complex of the sec Group     Group       ihba7a22     Non-Grouped Variables     New Group     Group     Group     Group       ihba7a22     Non-Grouped Variables     New Group     Group     Group       ihba7a2     Non-Grouped Variables     New Group     Group       ihba7a2     Non-Grouped Variables     Add	Search	Q X	< 12345 >		Search		Q X	< 12345 >	
Non-Grouped Variables     New Group     600af878c1f4d05ec Group     Non-Grouped Variables     New Group     600af6       Mon-Grouped Variables     Add Group     0     Non-Grouped Variables     Add Non-Grouped Variables     Add Group     0       ff36364c1f4d00 1bba7a22     Non-Grouped Variables     Add Group     Add	lameGroup Name	Non-Grouped Variables	·	Current Value	NameGroup Name	e Non-Grouped V	ariables	*	Current Value
Non-Grouped Variables     New Group     O     Non-Grouped Variables     New Group     O       biff36364c1f4d00 Inbba7a22     Non-Grouped Variables     Add New Group     Add Add     X Variables     Add New Group     Add Cover wakes     Add	N	Non-Grouped Variables	<ul> <li>New</li> </ul>	600af878c1f4d05ec		Non-Grouped Var	iables	<ul> <li>New</li> </ul>	600af878c1f4d05
ff36364c1f400     Non-Grouped Variables     New     Group       Add     Add       Non-Grouped Variables     New       Group     Group       Add     Constraints       Add     Constraints       Add     Constraints		Non-Grouped Variables	<ul> <li>New</li> </ul>	0		Non-Grouped \	'ariables	<ul> <li>New</li> </ul>	0
tiona Non-Grouped Variables Add acou wakes average wakes wakes wakes average and a control wakes average wakes average and a control wakes average ave	ff36364c1f4d00 1bba7a22	Non-Grouped Variables	<ul> <li>New</li> </ul>		8	•	riables	<ul> <li>New</li> </ul>	Green
bbA bbA	tlona	Non-Grouped Variables	<ul> <li>New</li> </ul>	ROOM VARIABLES GLOBAL VARIABLES	DEVICE VARIABLES	-			
udio Button Togg Non-Grouped Variables New HameGroup Mame Room 1 Carrent Value riables New 0.	udio Button Togg	Non-Grouped Variables	<ul> <li>New</li> </ul>	NameGroup Name Room 1		Current Value	riables	<ul> <li>New</li> </ul>	0
ABC Room 1 - May 0				ABC Room 1	<ul> <li>New</li> </ul>	0			

- Select the **Add New Group** button next to a variable. A new field will appear. Enter a variable group name (e.g. Room 1). The screen will auto navigate to the newly created group. There will only be one Variable in the group and it will be set to the value 1.
- Select Non-Grouped Variables from the Group Name drop down menu.
- Scroll to a previously created variable and select the group name from the drop down menu next to it. This will associate that variable to the new group. This variable will automatically be set to 0.

× Variable	es		
ė	S	٣	S
ROOM VARIABLES	GLOBAL VARIABLES	DEVICE VARIABLES	VARIABLE GROUPS
Search	۹ ×	< 12345 >	
NameGroup Name	Non-Grouped Variables		Current Value
ŗ	Non-Grouped Variables	Add w New Group	600af878c1f4d05e
	Non-Grouped Variables	Add Wew Group	0
5ff36364c1f4d00 41bba7a22	Non-Grouped Variables	<ul> <li>Add New Group</li> </ul>	Green
Atlona	Non-Grouped Variables	Add New Group	0
Audio Button Togg le	Room 1 interlock (Import 5/11/2020	Add New 19:49) (ImiGroup	0
			3



# **Macros & Variables Button Configurations**

Extra macro options have been created to work with the custom UI buttons, to change variables and trigger functions. The buttons can be used to trigger changes to volume, power, inputs, and more, using If Logic, If Else, Send Commands, Decrement, Increment, and Append Variables macro values.

### IF LOGIC

**IF LOGIC** provides programmable commands based on current settings. Some uses of the **IF LOGIC** may be to mute or unmute audio, turn a display on or off, change sources, and much more.

The example below will provide examples of setting up and using a four button use case with three source buttons and one display button. The Display button will adjust based upon the variable and condition options set up, in this case, providing a way to confirm the source selection.



- Open the first function button's edit screen. e.g. BluRay
- Create a macro. The function SET VARIABLE may be used for labeling changes.
- Repeat the macro for all three source buttons.

### **BluRay Button**

ACTIONS	STYLE	ARRANGE
Macros On Press or Ta	o Macro	~
0-29-2021 1	3:12:33 Unnamed On Pi 🔹 🕨 🕨	+ ~
Command 1	Custom Value:	
Device:	Variable Actions	•
Command:	SET VARIABLE	Ŧ
Device:	SYSTEM	* < >
Variable:	+ Source	*<>
Value:	Press to select BluRay	<>
Repeat: 0 👻	Interval: 10 ms Delay (After)	0 ms 🕻

Setting a label change on press, requires the following selections:

Device - Variable Actions

Command - SET VARIABLE

Device - (select a device from drop down list)

e.g. System

- Variable (select a variable from drop down list) e.g. Source
- Value (set the new variable value here) e.g. Press to select BluRay



Macros On Press or Ta	p Macro	~
0-29-2021 1	3:15:12 Unnamed On Pi	► + ~
Command 1	Custom Value:	
Device:	Variable Actions	*
Command:	SET VARIABLE	Ŧ
Device:	SYSTEM	- <>
Variable:	+ Source	~ < >
Value:	Press to select Laptop	<>
	Interval: 10 ms Delay (	After)0 ms 🚦

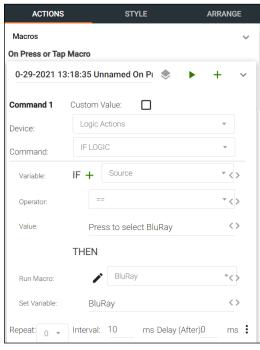
### Laptop Button

Device - Variable Actions

**Command Parameters - SET VARIABLE** 

Device - SYSTEM

- Variable (select a variable from drop down list) e.g. Source
- Value (set the new variable value here) e.g. Press to select SetTopBox





**NOTE:** When selected, the IF operator and value will compare to the current variable value and trigger the THEN options when both values are met.

# **Custom Control Interface**

Macros <b>)n Press or Ta</b>	p Macro	~
0-29-2021 1	3:17:42 Unnamed On Pi 🔹 🕨	+ ~
Command 1	Custom Value:	
Device:	Variable Actions	Ŧ
Command:	SET VARIABLE	Ŧ
Device:	SYSTEM	* <>
Variable:	+ Source	*<>
Value:	Press to select Set Top Box	<>
Repeat: 0 💂	Interval: 10 ms Delay (Afte	r)0 ms

### Set Top Box Button

Device - Variable Actions

Command Parameters - SET VARIABLE Device - SYSTEM

Device - STSTEIN

Variable - (select a variable from drop down list) e.g. Source

Value - (set the new variable value here) e.g. Press to select DVD

- Open the Display button's edit menu.
- For the display button, an IF LOGIC selection will be used. This will provide a click verification for switching sources, to avoid any misclicks. The IF LOGIC will compare the operator and variable values to determine what function it will perform. If the current variable value does not match any of the commands, nothing will occur.

### Command 1

**Device** - Logic Actions

Command Parameters - IF LOGIC

IF

•

•

- Variable (select a variable from drop down list) e.g. Source
- **Operator** (select an operator from drop down list) **e.g.** == (equals to)
- Value (Provide the variable value to match, that will trigger the THEN values)
   e.g. Press to select BluRay

THEN

- Run Macro (Select from previously created macros) e.g. Macro - Play BluRay
- Set Variable (set the new variable value here) e.g. BluRay



Since there are 3 source buttons, use the green + button to add additional IF LOGICs for each variable value. Command 2 **Device** - Logic Actions GIC **Command Parameters - IF LOGIC** IF

- Variable (select a variable from drop down list) e.g. Source
- **Operator** (select an operator from drop down list) e.g. == (equals to)
- Value (Provide the variable value to match, that will trigger the THEN values)
  - e.g. Press to select Laptop

### THEN

- Run Macro (Select from previously created macros) e.g. Macro - Laptop
- **Set Variable** (set the new variable value here) e.g. Laptop

Select the Style tab and expand the Label section.

Select the variable Source from the drop down menu. This will adjust the label to give the current variable value.

Command 3
Device - Logic Actions
Command Parameters - IF LO
IF

- Variable (select a variable from drop down list) e.g. Source
- **Operator** (select an operator from drop down list) e.g. == (equals to)
- Value (Provide the variable value to match, that will trigger the
  - THEN values) e.g. Press to select Set Top Box

### THEN

- Run Macro (Select from previously created macros) e.g. Macro - Set Top Box
- **Set Variable** (set the new variable value here) e.g. Set Top Box

ACTIONS		STYLE	ARRANGE
Label			~
Value:	Display		OR
Q Source			∽
Horizontal Alig	n Center	v	_
Vertical Align	Тор	~	
Absolute Posit	ioned: 🔲		
Absolute Top:	0		
Absolute Left:	0		
Font Size:	18	v	
Font Color:	Clear		

Select the Actions tab and expand the Conditions section.

Press the + button to add a new condition.

These conditions will provide a new look for the display button to provide a visual representation of the selected source. The button font, border, fill, and icon may be changed through conditions. The button may also be hidden or disabled when the operator and value of the condition are met.

140		011LL		
Conditio	ns			+ ~
Variable:		Operator:	Value:	
<b>Q</b> Sour	ce	<b>∨</b> == <b>∨</b>	BluRay	
Colors: Hidden:	Font: Disabled	Border:	F	ill:
Image:	Default Icon	~		
Variable:		Operator:	Value:	
<b>Q</b> Sour	се	<b>∨</b> == <b>∨</b>	Laptop	
Colors:	Font:	Border:	F	ill:
Hidden:	Disabled:			
Image:	Default Icon	v		
Variable:		Operator:	Value:	
<b>Q</b> Sour	ce	<b>∨</b> == <b>∨</b>	Set Top Bo	x
Colors: Hidden:	Font: Disabled	Border:	F	ill: 💼 -
Image:	Default Icon			_



Using the previous example options, the Display button will fill to match the color of the selected source.



System is idle, nothing has been selected.



System is idle, nothing has been selected.



System is idle, nothing has been selected.



The BluRay button has been selected.



The SetTopBox button has been selected.



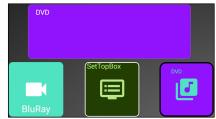
The DVD button has been selected.



The Display button has been used to confirm BluRay selection.



The Display button has been used to confirm SetTopBox selection.



The Display button has been used to confirm DVD selection.



# IF ELSE

**IF ELSE** macros can be used when using a variable to prompt commands based on multiple values, such as using a button to toggle a device on and off.

The example below will provide examples of setting up a single display button that can toggle between options. The Display button will adjust based upon the variable and condition options set up.

- Open the Display button's edit menu.
- For this example, the **IF ELSE** selection will be used. This will provide a way to toggle between functions with each click of the button.

	Properties	×	Device - Velocity
ACTIONS	STYLE	ARRANGE	Command Parameters - IF ELSE LOGIC
Macros		× <sup>^</sup>	IF
On Press or Tap	Macro		Variable - (select a variable from drop down list)
0-29-2021 10	6:19:27 Unnamed On Pi 🔹 🕨 🕨	+ ~	<b>e.g.</b> Display
Command 1	Custom Value:		<b>Operator</b> - (select an operator from drop down list) <b>e.g.</b> == (equals to)
Device:	Logic Actions	Ŧ	Value (Provide the variable value to match, that will
Command:	IF ELSE LOGIC (TOGGLE)	-	Value - (Provide the variable value to match, that will trigger the THEN values)
Variable:	IF + Display	~ <>	e.g. Turn On
Operator:	==	* < >	THEN
Value:	Turn Off	<>	Run Macro - (Select from previously created macros)
	THEN		e.g. Macro - Turn display on Set Variable - (Enter the new value for the variable)
Run Macro:	Display Off	~<>	e.g. Turn Off
Set Variable:	Turn On	<>	ELSE
	ELSE		Run Macro - (Select from previously created macros)
Run Macro:	Display On	*<>	e.g. Macro - Turn display off
Set Variable:	Turn Off	<>	Set Variable - (Enter the new value for the variable) e.g. Turn On
Repeat: 0 👻	Interval: 10 ms Delay (After)	0 ms i	

With these values, if the button is pressed while it says Turn On, it will send the Macro to turn on the display and then switch the variable to say Turn Off.

If the button doesn't say Turn On, then it will send the ELSE portion of the command, which will send the sleep command and turn off the display, setting the variable to say Turn On.



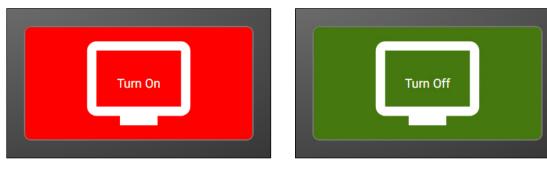
	Properties	×
ACTIONS	STYLE	ARRANGE
Label		~
Value: Static Valu	ue	OR
<b>Q</b> Display		~
Horizontal Align Center	v	
Vertical Align Middle	~	
Absolute Positioned:		
Absolute Top: 0		
Absolute Left: 0		
Font Size: 18	~	
Font Color: C	lear	

Scroll to the Conditions section. These conditions will provide a new look for the display button to provide a visual representation of the display's power status. The button font, border, fill, and icon may be changed through conditions. The button may also be hidden or disabled when the operator and value of the condition are met.

Scroll to the label section and select Display from the variable drop down. This will alter the label of the display button to give the current variable value.

	Properties	×
ACTIONS	STYLE	ARRANGE
Navigation		^
System Variable Tied To C	Control	^
Conditions		+ ~
Variable: <b>Q</b> <u>Display</u> Colors: Font: Hidden: Disable Image: Default Icon	Operator: Value:	n Fill:
Variable: Q Display Colors: Font: Hidden: Disable Image: Default Icon	Operator: Value:	ff Fill:

Using the example options above, the Display button will be green when the display is on and will turn red when it is powered off.





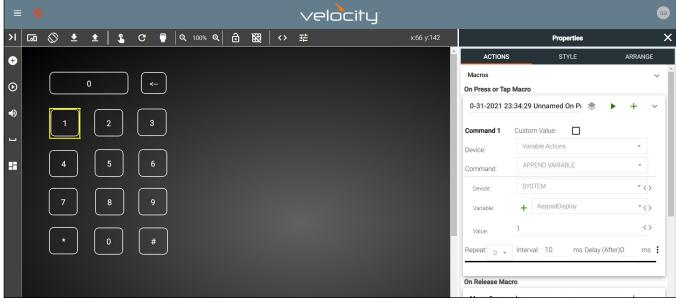
## **Custom Control Interface**

## Append Variable

Append variable provides a way to edit a variable within the control screen. This can be used for editing text or numerical variables for dial pads, password pads, and more.

The following example will provide instructions on how to create a custom dial pad.

- Create the buttons for the dial pad and the KeyPadDisplay (variable) button.
- Double click each button and set up the On Press command.
- The Device will need to be set to Variable Actions, Command to Append Variable, Device to System, and Variable to whatever the dial variable will be (e.g. KeyPadDisplay), and the value of the current button.
- The button's label should be set to whatever the value was set to (e.g. KeyPadDisplay).





- Repeat the Append Variable for all the keys of the keypad. e.g. 0 9, \*, and #
- Set up the KeyPadDisplay (variable) button, to display the numbers, set the button's Label value to the variable selected in previous steps. e.g. KeyPadDisplay





 Launch the control screen to view and use the dial pad. To send the dialed number, see the SEND COMMAND section.



## **Custom Control Interface**

## SEND COMMAND

**SEND COMMAND** can be used to send a command with an adjustable variable, such as use with dial pads to send a phone number to a dial device.

Using the previously set up dial pad, set up a SEND COMMAND function for the Key Pad Display (variable) button.



Device - Device Actions
Command - Devices - Send Command
Device - (select dial device) e.g. Polycom Aux 1
Value to Send - (set to the device's command and variable) e.g. Dial %v

The command can be found in the device's manual, %v will pull the variable selected from the next drop downs.

Variable Device 1 - System Variable 1 - (select the dial pad variable) e.g. KeyPadDisplay

Multiple Variables can be added by adding additional %v to the Value to Send line and then additional variables selected from the drop down menus.



Once the Send Command is set up, launch the control screen. Within this screen, once the number has been dialed, press the KeyPadDisplay button (which should display the number) to send the dial command to the Polycom Aux 1 device. **e.g.** Dial #14089620515

See the **Remove n Characters from Variables** section to delete numbers from the dial pad in case of the wrong button being pressed.



## Remove n Characters from Variables

The REMOVE n CHARACTERS x OF VARIABLE selection can be used to fix a variable that has been entered incorrectly.

In this example, we will remove character from the end of the Key Pad Display variable, that was entered incorrectly.



Device - Variable Actions

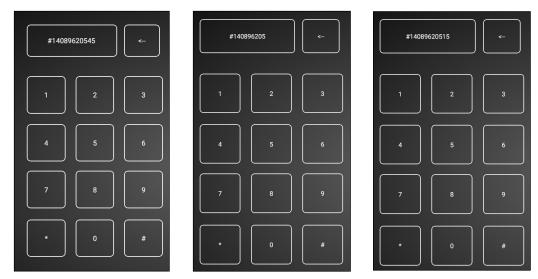
Command - REMOVE n CHARACTERS RIGHT OF VARIABLES

Device - System

Variable - (set to the same variable as the send command) e.g. KeyPadDisplay

Number Characters - Enter the numerical value of how many characters to remove from the end of the Variable e.g. 1

#### Provide a label for this button. e.g. <--



Launch the control screen. As the number is dialed, press the <-- button to remove the end of the variable value. In this case, it was pressed twice, so the value of 15 was removed from the end. The corrected numbers can now be added back into the dial variable.

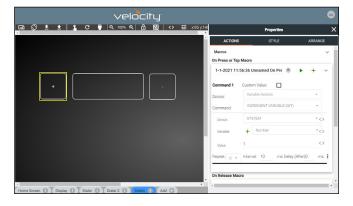


## **Custom Control Interface**

## Decrement / Increment

Decrement and Increment can be used to adjust a variable by a value of x, 0.x, or 0.0x. This can be used for things such as volume commands.

In this example we will show the variable being increased and decreased by 1. One button will be used to increase the value of variable 2, one button will decrease the amount of variable 2, and another button will display the value of variable 2.



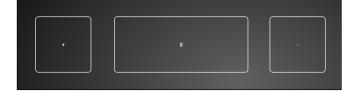
Device - Variable Actions

Command - Increment Variable (INT) Device - System Variable - (select the variable for increasing) e.g. Number Value - Enter the numerical value of how much in whole numbers the variable will be increased e.g. 1 Device - Variable Actions
Command - Decrement Variable (INT)
Device - System
Variable - (select the variable for decreasing) e.g. Number
Value - Enter the numerical value of how much in whole numbers the variable will be decreased e.g. 1

**NOTE:** Decrement and Increment variables have selections of Float Precision 1 and Float Precision 2. These will adjust the variable by 1/10th (Precision 1) and 1/100th (Precision 2). The value will need to be adjusted in tenths (0.1, 0.2, etc) and one hundredths (0.01, 0.02, etc).

ā 🛇 ± ±   \$ C 🔋   Q. 100% Q   台 122   ↔ 幸 x219 y1/	Properties	
	ACTIONS STYLE	ARRANGE
	Label	~
	Value: Static Value	OR
	Q Number	
+ 0 .	Horizontal Align Center ~	
	Vertical Align Middle ~	
	Absolute Positioned:	
	Absolute Top: 0	
	Absolute Left: 0	
	Font Size: 18	
	Font Color: Clear	
	Image	~

INCREMENT VARIABLE (INT) DECREMENT VARIABLE (INT) INCREMENT VARIABLE (FLOAT PRECISION 1) DECREMENT VARIABLE (FLOAT PRECISION 1) INCREMENT VARIABLE (FLOAT PRECISION 2) DECREMENT VARIABLE (FLOAT PRECISION 2)



Set up the variable button to display the current value. **e.g.** Select **Number** in the drop down section of Value in the Label section.

Once completed, launch the control screen to view the variable being adjusted by button press.





# **User Settings**

This section will go over adding, editing, and deleting users as well as roles and permission levels..

## **Contents**

General	150
Adding Users	150
Editing Users	151
Profile	153
Roles and Permissions	154



## General

1. Select the circle in the top right corner and select **Users**.



A new page will open.

Settings					
22. USERS	3	<b>ی</b> PROFILE		ROLES	
Showing All Users					
Name	Role	Last Change	Changed By		
9 A, A	Account Administrator	4 Minutes	Atlona, System	1	
Search By Any Field Visib	Q SEARCH	10 👻	< 1	>	
	nia Q SEARCH	10 👻	/ 1	、 、	

## **Adding Users**

- 1. Select the + button to add a new user.
- A new page will open.

Ê	2	گ	0
MODIFY ACCOUNT	USERS	PROFILE	ROLES
	* Email		
	* First Name		
	* Last Name		
	* Temporary password		
	j5vk235b		
	* Role Type		
	Language		
	English (en)	÷	
	Time Zone America/Los_Angeles (United States)		

2. Fill in all the user information fields.





- Email Used for log in purposes and email password resets.
- First & Last Name Velocity will provide a customized home page for a user using their credentials.
- **Temporary Password** Use either the auto generated password or create a new one for the user to change upon first log in.
- Role Type There are 7 roles to select from: Account Administrator, Site Administrator, Designer, Support Technician, End User, Stream Moderator, and Control Tablet. To view the permissions of each role, select Roles within the top navigation or view them starting on page 154.
- Language Select the user's language preference. Default will be English.
- **Time Zone** Select the time zone the user will be logging in from.
- 3. Press the Create User button.

If successful, Velocity will redirect to the Users page and a green successful message will appear at

the bottom of the page.

Showing All Users				+
Name	Role	Last Change	Changed By	
🕲 Last, First	Site Administrator	1 Second	ManagerL, ManagerF	1
😫 ManagerL, ManagerF	Account Administrator	34 Minutes	Atlona, System	/ 🖕
Search By Any Field Visible	Q, SEARCH	10 - User Saved Successfully, UNDO	< 1 <b>&gt;</b>	6

Upon login, all new users will be prompted to update their password.

# You must now update your password \* Password \* Confirmation Password summt

## **Editing Users**

Once users have been created, they can be edited. New options will appear in the user edit screen.

【】 HelpΥ		velocitu	<u></u> _`	
Settings				
MODIFY ACCOUNT		•• 0 IERS	<b>ع</b> Profile	ROLES
Name	Role	Last Change	Changed By	
⊠ A, A	Stream Moderator	18 Minutes	A A	<ul> <li>40</li> </ul>
🖻 M, N	Account Administrator	17 Minutes	Atlona, System	1
Search By Any Field Visib	Q SEARCH	25 🕶	< 1	>

1. Select the edit (pencil) button to add a new user.

A new page will open.



## **User Settings**

	veloci	ty		8
<ul> <li>Settings</li> </ul>				Î
B MODIFY ACCOUNT	22. USERS	ی 🕈 PROFILE	ROLES	
	- Sanai algia com - Fore tare a - Sanai - Sana			
	Change User Account Role *Account Role Account Administrator - UREALTE ROLE			
	Override role object permissions     MAY CHANGES			

Override role object permissions
SAVE CHANGES
SAVE CHANGES
Object Permissions
Whitelisted Objects
Click the arrow below to select objects
V

SAVE CHANGES	
Object Permissions	
Blacklisted Objects	
Click the arrow below to select objects	
+ Site: QA1	

Fill in the user information that was not created in the user add screen, such as: Email, Name, Phone Number, Extension, and Cell Number.



**NOTE:** The information can be filled in the user under profile options and is optional at this time.

 Use Two-Factor Authentication slider - Enable this to have a passcode emailed to the user every time a login is attempted.

File	Message	Help Acrobat	♀ Tell me what	t you want to do						
8 8~	Delete Archive	← Reply 🖪 ← Reply All → Forward 🕫 ~	te su te su te in	Move	🔡 Categori	ze * Editing	A® Speech	Q Zoom	Insights	
	Delete	Respond	Quick Ships	Fs Move	Tags	6		Zoom		
F\M	Security o	ode for Velocity:	79938							
_		out for velocity.				S Reply	(h) Reply	41 -	> forman	
U	JKen To TCR					7 10.04	- J mpg		Thu 1/28/20	
fo: Ji	ten <i.k@atlone< th=""><th>ary 28, 2021 5:12 PM LCOM&gt; de for Velocity: 79938</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></i.k@atlone<>	ary 28, 2021 5:12 PM LCOM> de for Velocity: 79938								
2	ATLO	20								
		ada fau V		10020						
Se	curity o	code for V	elocity: 7	9938						
		code for Ve	elocity: 7	9938						

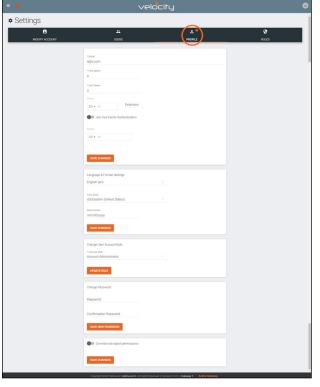
- Language & Format Settings Language, Time Zone, and Date Format will have been set when the profile was created, but can be updated here if something has changed.
- Change User Account Role Use this drop down to update the user's role to newly created roles or for different permissions.
- **Override role object permissions** Select this slider to choose which buildings, floors, and rooms the user can see. New options will appear when enabled.
- Whitelisted Objects When this slider is grey, the selections made will be what the user can see.
- **Blacklisted Objects** When the whitelisted objects slider is selected, it will turn green and the label will switch to blacklisted objects once the arrow below it is selected.
- Selector Use the + to expand the sites, buildings, and floors to decide which rooms the user has access to. If on whitelist, the rooms will be available to the user. If on blacklist, the rooms selected will be unavailable to the user.

SAVE CHANGES	
Object Permissions	
Whitelisted Objects Click the arrow below to sele	act objects
- Site: QA1	
- Building: Building 1	
+  Floor: Floor 1	
- Building: Building 2	
+  Floor: Floor 1	
Floor: Floor 2	
Room: Con 1	
+ Floor: Floor 3	
- Floor: Floor 4	
Room: Class 1	
Room: Class 2	



## **Profile**

1. Select **Profile** from the top navigation.



2. Fill in the user information that was not created when the account was set up, such as: Email, Name, Phone Number, Authentication, and Mobile Number.



**NOTE:** The profile information that can be changed will vary based on user permission level.

- Language & Format Settings Language, Time Zone, and Date Format will have been set when the profile was created, but can be updated here if something has changed.
- Change User Account Role / Override role object permissions - These options should only be done within the user edit screen.

**NOTE:** To avoid problems, the administrators of Velocity should not choose any role that is not administrator.

• **Change Password** - Update the current password on the account here.



## **Roles and Permissions**

1. Select **Roles** from the top navigation.

<ul> <li>Settings</li> </ul>					
MODIFY ACCOU	INT	USERS	PROFILE		ROLES
Showing All Roles				+	
Name	Total Enabled Features	Owner	Last Change	Changed By	
End User	7	System	2 Minutes	Atlona, System	0
Support Technician	58	System	2 Minutes	Atlona, System	0
Designer	50	System	2 Minutes	Atlona, System	0
Site Administrator	62	System	2 Minutes	Atlona, System	0
Account Administrator	81	System	2 Minutes	Atlona, System	0
Stream Moderator	8	System	2 Minutes	Atlona, System	0
					-

There are seven default roles: Account Administrator, Site Administrator, Designer, Support Technician, End User, Stream Moderator, and Control Tablet. The permissions can be seen by pressing the **View Details** button or using the tables below.

### Site Related

User Level	View	Home	Add	Modify	Delete	Export
End User						
Support Tech						
Designer						
Site Admin						
Account Admin	Х		Х	Х	Х	Х
Stream Mod						
Control Tablet						

#### **Building Related**

User Level	Add	Modify	Delete	Сору
End User				
Support Tech				
Designer				
Site Admin				
Account Admin	Х	Х	Х	Х
Stream Mod				
Control Tablet				

#### Floor Related

User Level	Add	Modify	Delete	Сору	Move
End User					
Support Tech					
Designer					
Site Admin					
Account Admin	Х	Х	Х	Х	Х
Stream Mod					
Control Tablet					



#### **Room Related**

User Level	Add	Modify	Delete	Сору
End User				
Support Tech				
Designer				
Site Admin				
Account Admin	Х	Х	Х	Х
Stream Mod				
Control Tablet				

## **Technology Related**

User Level	Add	View	Modify	Delete	Control	Ping	Status
End User							
Support Tech							
Designer							
Site Admin							
Account Admin	Х	Х	Х	Х	Х	Х	Х
Stream Mod							

Modify

Х

#### Server Setting Related

#### **Maintenance Related**

User Level	Modify	User Level
End User		End User
Support Tech		Support Tech
Designer		Designer
Site Admin		Site Admin
Account Admin	Х	Account Admin
Stream Mod		Stream Mod

#### **User Related**

User Level	Add	View	Modify	Change	Revoke
End User					
Support Tech					
Designer					
Site Admin					
Account Admin	Х	Х	Х	Х	Х
Stream Mod					
Control Tablet					

## **Role Related**

User Level	View	Add	Modify	Delete	Сору
End User					
Support Tech					
Designer					
Site Admin					
Account Admin	Х	Х	Х	Х	Х
Stream Mod					
Control Tablet					



## **Control Related**

User Level	Access	View
End User		
Support Tech		
Designer		
Site Admin		
Account Admin	Х	Х
Stream Mod		
Control Tablet		

## **Equipment Related**

User Level	View	Add	Modify	Delete	Export	Сору
End User						
Support Tech						
Designer						
Site Admin						
Account Admin	Х	Х	Х	Х	Х	Х
Stream Mod						
Control Tablet						

#### **Reference Image Related**

User Level	View	Add	Modify	Delete	Export	Сору
End User						
Support Tech						
Designer						
Site Admin						
Account Admin	Х	Х	Х	Х	Х	Х
Stream Mod						
Control Tablet						

## **Device Related**

User Level	View	Add	Modify	Delete
End User				
Support Tech				
Designer				
Site Admin				
Account Admin	Х	Х	Х	Х
Stream Mod				
Control Tablet				



## **Virtual Matrix Related**

User Level	View	Modify
End User		
Support Tech		
Designer		
Site Admin		
Account Admin	Х	Х
Stream Mod		
Control Tablet		

## **DeviceGroup Related**

User Level	View	Add	Modify	Delete	Сору
End User					
Support Tech					
Designer					
Site Admin					
Account Admin	Х	Х	Х	Х	Х
Stream Mod					
Control Tablet					

## **Moderation Related**

User Level	View
End User	
Support Tech	
Designer	
Site Admin	
Account Admin	Х
Stream Mod	
Control Tablet	

## **CustomNetwork Related**

User Level	View	Add	Modify	Delete	Export	Сору
End User						
Support Tech						
Designer						
Site Admin						
Account Admin	Х	Х	Х	Х	Х	Х
Stream Mod						
Control Tablet						

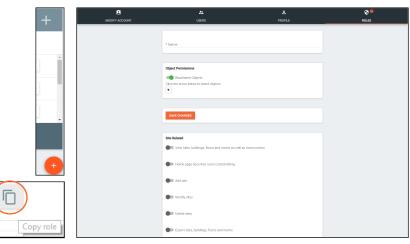
## **Report Related**

User Level	View
End User	
Support Tech	
Designer	
Site Admin	
Account Admin	Х
Stream Mod	
Control Tablet	



If the default roles do not provide the right permission levels, new roles can be added.

1. Select the + button to add a new role. The top + button may be used. The current role can also be copied using the **Copy role** button, then edited.



- 2. Name the role, to make easy to identify later.
- 3. Set the Object Permissions.
  - Whitelisted Objects When this slider is grey, the selections made will be what the user can see.
  - Blacklisted Objects When the whitelisted objects slider is selected, it will turn green and the label will switch to blacklisted objects once the arrow below it is selected.
- Selector Use the + to expand the sites, buildings, and floors to decide which rooms the user has access to. If on whitelist, the rooms will be available to the user. If on blacklist, the rooms selected will be unavailable to the user.
- 4. Press the slider for each permission to grant the current role.
- 5. Press the **Create Role** button to save all the settings.



# Cloud

Once Velocity training has been completed, contact Atlona sales for a cloud username and login. Once a username and login have been received, Velocity Cloud is ready to use. A cloud account can also be manually created through the Velocity software, view the Manual Cloud Account Creation section for instructions.

## **Contents**

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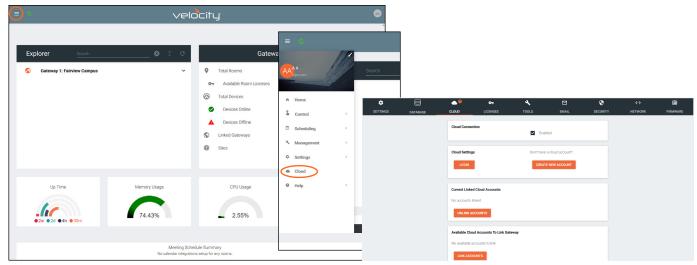


## **Getting Started**

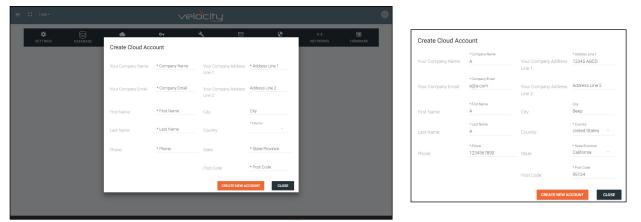
1. Open any browser with network access and type in velocity.atlona.com (as seen below).

**NOTE:** Both the gateway and the local PC must have access to the internet to manually set up cloud login.

- 2. Locate the  $\equiv$  in the top left corner of the home page and left click to open the menu.
- 3. Select **Cloud** from the menu. A new screen will appear.



- 4. Select the Enable checkbox to allow the gateway to connect to Velocity Cloud.
- 5. Select the Create New Account button. A new screen will pop up.
- 6. Fill in all the required fields (notated with a \*) and press the **Create New Account** button. The Email will be used to send the cloud login information, so verify it is correct before submitting the account information.

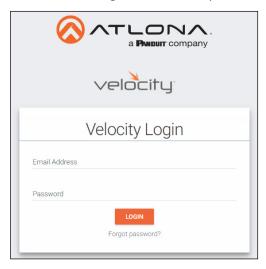


7. Open the Email received from support@atlona.com, it should have the subject line of Velocity Cloud Account Services. Check in the Junk/Spam box if the Email has not appeared in the Inbox within 5 minutes.

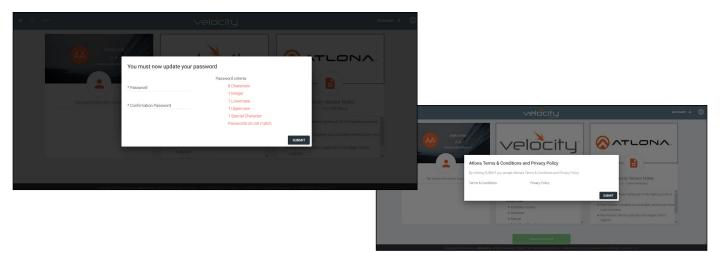
elocity Cloud Account Services	
velocity	Account Services
Dear a.a@a.com. Congratulations, you have successfully created a new Velocity user profile has been created at <u>https://velocity.atlona.com</u> .	Cloud Account. A Velocity Cloud Dealer account an
Congratulations, you have successfully created a new Velocity	Cloud Account. A Velocity Cloud Dealer account an
Congratulations, you have successfully created a new Velocity user profile has been created at <u>https://velocity.atlona.com</u> .	Cloud Account. A Velocity Cloud Dealer account an
Congratulations, you have successfully created a new Velocity user profile has been created at <u>https://velocity.atlona.com</u> . Your login is <u>a.@a.com</u> .	Cloud Account. A Velocity Cloud Dealer account an



8. Select either https://velocity.atlona.com or the login here link to open a browser to the cloud login page.



9. Enter the login and temporary password provided in the email and press the Login button.



- 10. Provide a new password and press the **Submit** button. The password must have at least eight characters, one number, one uppercase letter, one lowercase letter, and one special character (**e.g.** !, @, #, \$, %, ^, &, \*, /, etc.). A new pop up will appear with terms and conditions.
- 11. Accept the terms and conditions to proceed to setting up Velocity Cloud.



## Users

E C Help~	velocity	Account: ABC
Thank you for purchasing Atlona Velocity!	Product Documentation	Updates
aa Welcome aa abceaxom	velocity <sup>.</sup>	
No recent information found	View Velocity Documentation (View Full Documentation)	Velocity Version Notes 1.1.5003 (View Full Notes)
	ATANC108D     Installation Guides     Datasheet     Manual     Label Seet Template     CADE Rev	New Feature: Fixed Cloud 08 Restore bug.

Users can be added and edited from either the top left menu or top right menu of the home page.

1. Select Users from the top left  $\equiv$  navigation or Account Settings from the top right navigation.

≡ 53 Help×	CUSTOMERS	us	rs	<b>A</b> PROFILE	ROLES
aa	Name	Role	Last Change	Changed By	
	12 a, a	Dealer Administrator	1 Hours	Atlona, System	1
🚦 Dashboard	Search By Any Field Visible	Q SEARCH	<u>25 •</u>	< 1	>
Customers >					•
Ja Users					
≅ Gateways					

## Add

- 1. Select the + button to add a new user. A new page will open.
- 2. Fill in all the user information fields.

USERS	ے PROFILE	
* Email		
* First Name		
* Last Name		
* Temporary password		
lonhc2cb		
* Role Type		
Language		
English (en)		
Time Zone		
America/Los_Angeles (United States)		
Date Format		
mm/dd/yyyy		

- Email Used for log in purposes and email password resets.
- First & Last Name Velocity will provide a customized home page for a user using their credentials.
- Temporary Password Use either the auto generated password or create a new one for the user to change upon first log in.
- Role Type There are 5 roles to select from: Account Administrator, Site Administrator, Designer, Support Technician, and End User. To view the permissions of each role, select Roles within the top navigation or view them starting on page 53.
- Language Select the user's language preference. Default will be English.
- **Time Zone** Select the time zone the user will be logging in from.
- 3. Press the Create User button.

If successful, Velocity will redirect to the Users page and a green successful message will appear at the bottom of the page.

Upon login, all new users will be prompted to update their password

You must now update your	password	
* Passeword		
* Confirmation Password		



## Edit

1. Select the **pencil** button to edit a user. A new page will open.

CUSTOMERS	USERS	PROFILE	Roles
	* Email		
	abc@a.com * First Name		
	a * Last Name		
	a Phone		
	Extension		
	Mobile		
	Job Title		
	Office Name		
	Department		
	User Bio		
	Skype ID		
	Lock Status Unlocked		
	Enforce Password Change on Next Login	Enforce Password Change on Next Login	
	SAVE CHANGES		
	Language & Format Settings		
	Language English (en)		
	Time Zone America/Los_Angeles (United States)		
	Date Format 10092017		
	SAVE CHANGES		
	Change User Account Role		
4	* Account Role Dealer Administrator		
	SAVE CHANGES		

Additional fields appear when editing users.

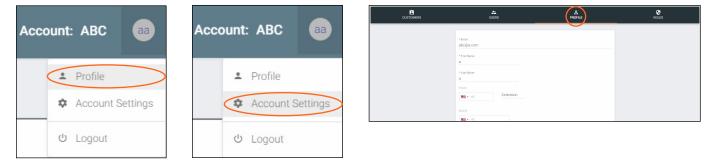
Phone and mobile numbers, job title, office name, department, user bio, and Skype ID are optional fields that help provide multiple points of contact.

- Lock Status Switch status of the user between unlocked and locked. If an account is locked, an administrator will need to unlock it for a user to be able to log in again.
- **Password Slider** -Selecting this slider will force the user to change their password when logging in the next time. The password update pop up will appear on login.

* Password		
* Confirmation Password		

## Profile

1. Select **Profile** from the top right navigation of the home page, or the header bar of the Account Settings page.



2. Fill in the user information that was not created when initially adding a user, such as: Job Title, Office Name, Department, User Bio, and Skype ID. These options are available when editing a user.

**NOTE:** The profile information that can be changed will vary based on user permission level.



## **Roles**

1. Select **Account Settings** from the top right navigation.

Account: ABC							
🛎 Profile	CUSTOMERS		2 USERS	<mark>ع</mark> PROFILE	1	ROLES	
Account Settings	Showing All Roles	Total Enabled Features	Owner	Last Change	Changed By	+	
එ Logout	Dealer Administrator	43	System	1 Year	Atlona, System	0 6	View Details

#### 2. Select **Roles** from the header bar.

There are two default roles: Dealer Administrator and Dealer Access. The permissions can be seen by pressing the **View Details** button or using the tables below.

#### Account Related

User Level	View	Add	Modify	Delete	Export	Invite	Access
Dealer Admin	Х	Х	Х	Х	Х	Х	Х
Dealer Access	Х	Х	Х		Х	Х	

#### **User Related**

User Level	Add	View	Modify	Change	Revoke
Dealer Admin	Х	Х	Х	Х	Х
Dealer Access					

## **Role Related**

User Level	View	Add	Modify	Delete	Сору
Dealer Admin	Х	Х	Х	Х	X
Dealer Access					

#### **Control Related**

User Level	Access	View Logs
Dealer Admin		Х
Dealer Access		Х

#### **Equipment Related**

User Level	View	Add	Modify	Delete	Export	Сору
Dealer Admin	Х	Х	Х	Х	Х	Х
Dealer Access	Х	Х	Х	Х	Х	Х

#### **Reference Image Related**

User Level	View	Add	Modify	Delete	Export	Сору
Dealer Admin	Х	Х	Х	Х	Х	Х
Dealer Access	Х	Х	Х	Х	Х	Х

### **Cloud Feature Related**

User Level	Download	Upload	Backup	Restore	Proxy	View
Dealer Admin	Х	Х	Х	Х	Х	Х
Dealer Access						



#### **Device Related**

User Level	View	Add	Modify	Delete
Dealer Admin	Х	Х	Х	Х
Dealer Access	Х	Х	Х	Х

#### Video Matrix Related

User Level	View	Modify
Dealer Admin	Х	Х
Dealer Access	Х	Х

#### Video Wall Related

Modify	User Level	View
Х	Dealer Admir	n <b>X</b>
Х	Dealer Acces	ss X

#### **DeviceGroup Related**

User Level	View	Add	Modify	Delete	Export	Сору
Dealer Admin	Х	Х	Х	Х	Х	Х
Dealer Access	Х	Х	Х	Х	Х	Х

#### **Moderation Related**

**Report Related** 

User Level	View	User Level	View
Dealer Admin		Dealer Admin	Х
Dealer Access		Dealer Access	Х

#### **CustomNetwork Related**

User Level	View	Add	Modify	Delete	Export	Сору
Dealer Admin	Х	Х	Х	Х	Х	Х
Dealer Access	Х	Х	Х	Х	Х	Х

#### **CalendarIntegration Related**

User Level	View	Add	Modify	Delete	Export	Сору
Dealer Admin	Х	Х	Х	Х	Х	Х
Dealer Access	Х	Х	Х	Х	Х	Х

## Add

If the default roles do not provide the right permission levels, new roles can be added.

1. Select the + button to add a new role. Either the top + or the bottom + button may be used. The current roles can also be copied using the **Copy role** button, then edited.

Showing All Roles					+
Name	Total Enabled Features	Owner	Last Change	Changed By	
Account Administrator	47	System	9 Months	Atlona, System	
Site Administrator	37	System	9 Months	Atlona, System	0
Designer	25	System	9 Months	Atlona, System	0
Support Technician	33	System	9 Months	Atlona, System	0
End User	б	System	9 Months	Atlona, System	0
			<	1 >	



2. Name the role, to make easy to identify later.

		CUSTOMERS	21 USERS	<b>e</b> PROFILE	Roles
			* Name		
			Account Related		
3.	Press the slic	der for each permissic	on to grant the current role	Add Account	]
4.	Press the Cr	eate Role button to s	ave all the settings.	EATE ROLE	

## **Customers**

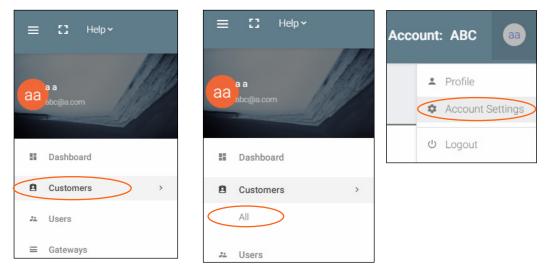
Set up customer access, sites, and gateways starting from within the Customers page.

### Add

0	Help +	∨elocity <sup>.</sup>	Account: ABC 🧕
	Thank you for purchasing Atlona Velocity!	Product Documentation	Updates
	Ba Welcome a a abopa com	velocity	
	No recent information found	View Velocity Documentation	Velocity Version Notes

1. Select **Customers** from the top left = navigation or Account Settings from the top right navigation.

b. If customers is selected from the left navigation a new option will appear underneath. Select **All** to go to the customers page.



2. Press the + button located at the top or bottom of the screen. A pop up will appear.

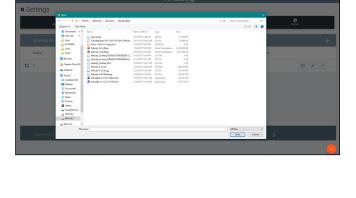


## Cloud

Add Via Form (Download	CUSTOMERS	LUSERS		8 PROFILE		ROLES	Import Via CSV Upload	d? Or Add Via
b Customer b.b +1999999999 2 Weeks a.a C Add Via Form		City State	Phone	Last Change	Changed By	+		₹
(Downbad Template)							Add Via Form	Import and Uplo

- 3. Select between Add Via Form or Import and Upload (for adding multiple customers at once).
  - a. If Add Via Form is selected, a new page will open.
    - 1. Fill in the customer information:
      - **Customer Name** This should be filled in with the Company or Site name.
      - Address, Post Code, Country, State/Province, City Fill in the address that the site is located at.
      - **Phone Number** Provide the number of the contact for the customer. The secondary contact number is optional.
      - Email Address Provide the email address of the main contact for this site.
      - Email Invite Select the slider to have an invite to the customer's cloud sent to the admin.
      - **Initial Site Type** Select the type that best suits the customer. A visual representation is included with the selection.
      - Create Account Press this button once the required \* information has been filled in.

CUSTOMERS	USERS	A PROFILE		ROLES
	* Customer Name			
	* Address Line 1			
	Address Line 2			
	* Past Code			
	* Country Åland Islands			
	* State/Province			
	* City			-
	* Presary Phone Mamber		Assembly	
	Secondary Phone Number		<ul> <li>Chunch</li> <li>Pub/Bar</li> </ul>	
	<b>**</b> +1		Mark Typical Restaurant	
	*Email Address abc@a.com	Send Email Invite	Business Bank Branch	
			Bank Headquarters	
	* Initial Site Type		Cinema Alt	
			Gym Alt	
	CREATE ACCOUNT		men Museum (Or Palace)	. 🗲



- b. If Import and Upload is selected, a folder will open.
  - 1. Find the customer file (.CSV) located on the local computer.
  - 2. Press the upload button.



## Invite

Once a customer has been created, the account can have users added to it.

CUSTO		≛≞ USERS		PROFILE		ROLES
Showing All Cus	tomers					+
Name	Туре	City, State	Phone	Last Change	Changed By	
D b	Customer	b, b	+1 999-999-9999	2 Weeks	a, a	

1. Select the + button at the bottom of the page. A pop up with two options will appear.

a. If Invite is selected, a pop up will appear. Fill in the user's email and role (these roles match the gateway's roles: Account Administrator, Site Administrator, Designer, Support Technician, End User, Stream Moderator, and Control Tablet).

			Accoun	t Invitation						
			* Email							
			* Role Type	e v						
						CANCEL INVITE				
≡ C Help~		velocij	y I		Customer: b 👖 🔍		<b>aa</b>	=	: Help	w.
	Thank you for purchasing Atlona Velocity!	Product Documental	lan .	Updates	ĺ	Customer: b		=	E Help	r
	Vecome a action to norr formation band	Events     Construction     Constru	entation	Vectory Version Notes La Col Generative Net Laborations And Colored Analogical States Net Franker: Beerge Association Face Vet Laborations Net Face Vet Face Vet Face Vet Laborations Net Face Vet F		L Profile ↓ Users L Exit A ↓ Logou	count		a xc@a.com Dashboard	
	<b>©</b>	0 0	) Inojectors And Displays Add	aed 📀					Isers	>
	Crowell's 2001 Microa for Indiana aver.	O C		2				≡ 0	Sateways	

b. If Access Account is selected, a new screen will appear (this screen will be exactly as the customer will see after logging into cloud).

- 1. Select Users from the top left = navigation or from the top right menu.
- 2. Press the + button. A new screen will appear.
- 3. Fill in the user's email, name, language, time zone, date, and role (roles will correspond with gateway roles: account administrator, site administrator, designer, support technician, and end users).

Ξ	E 🖸 Help~		velocity			Customer: bc	
:	<ul> <li>Settings</li> </ul>						
	USERS		<b>2</b> PROFILE		ROLES		
	Name	Role	Last Change	Changed By			
	🖾 a, a	Account Administrator	1 Day	Atlona, System		1	
					_		
	Search By Any Field Visible	Q SEARCH	25 •	< 1	>		
							+
	Copyright	02017 Atlana Inc (atlana.com). All Rights Reserved	l.   Phone: +1 877.536.3976 (US Toll-free)   +1.408.96	(2.0515 (US)   International: +41.43.508.432	1   Version: 1.2.1014	Í	

* Email	
* Email	
* First Name	
* Last Name	
* Temporary password fruStrS4hd	
* Role Type	
- rean cype Lorgange	
English (en)	
Time Zone America/Los_Angeles (United States)	
Date Format mm/dd/yyyy	
CREATE USER	



## Gateway

Once a customer account has been created, any gateways can be linked to them. To get to the gateway page, select Gateway from the top left  $\equiv$  navigation.

≡ 🖸 Help×	≡ 🕄 Help×	velocity	Customer: dd 👖 🥮
127	■ Gateways		
aala	Gateways		
abc@a.com	Gateway Name Account Name Serial Number Product	Version Cloud License Duration Start	End Connected
II Dashboard		No Records Found	
🕰 Users	Search By Any Field Visible		
⊕ Sites >	No Recurs Found Q SEARCH	<u>25 •</u>	
= Catoways	Copyright ©2017 Atlona Inc ( <b>atlona.com</b> ). All Right	s Reserved.   Phone: +1 877.536.3976 (US Toll-free)   +1.408.962.0515 (US)   Internationa	il: +41,43 508,4321   Version: 1,2,1015

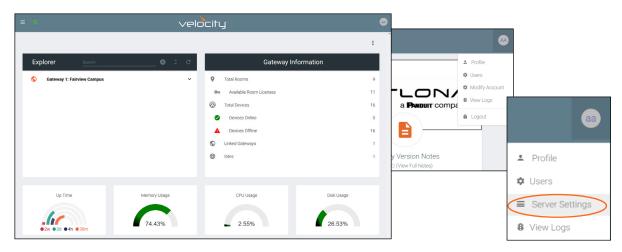
1. Linking the gateway must start within the gateway. Login to the Velocity gateway on the local network.



2. Enter the login information on the Velocity web page, then click the Login button.

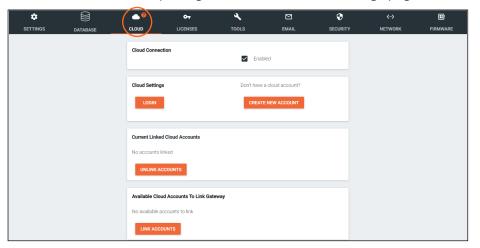


3. Select Server Settings from the drop down menu. A new page will open.





4. Select **Cloud** from the top navigation within the server settings page.



NOTE: Cloud connection is enabled by default. If a cloud connection is unwanted, deselect the Enabled checkbox.

5. Select the Login button. A new pop up will appear.



6. Fill in the cloud username and password. The accounts linked to that account will appear under the available cloud accounts.



- 7. Select the corresponding cloud account under Available Cloud Accounts To Link Gateway.
- 8. Press the Link Account button. The gateway will appear in the Velocity Cloud account.
- 9. Select Gateway from the top left  $\equiv$  navigation menu. A new page will open.

≡ 🕄 Help×	😑 🖸 Help 🗸 📀			veloci	tu <sup>r</sup>		Customer: A 📙	
aa abc@a.com	≡ Gateways	5						
II Dashboard								
22 Users	Gateway Name	Account Name	Serial Number	Product	Version	Connected		
Sites >	Gateway 1	А			2.0.2	Yes	۹ 😫	
≡ Gateways								



## **Remote Access**

Once the cloud license is activated, the gateway can be remotely controlled.

1. Select Gateway from the top left  $\equiv$  navigation menu. A new page will open.

≡ 🖸 Help∽	Gateways	Gateways									
	Gateway Name	Account Name	Serial Number	Product	Version	Cloud License	Duration	Start	End	Connected	
	Gateway 1	Company	(none)	Velocity	1.2.1	AT-VSW-LIC-LI	365 Days	1000911107	1000911107	Yes	48
aa abc@a.com											
II Dashboard											
JL Users											
⊕ Sites >											
≡ Gateways											

2. Press the **Access Gateway** (green tool) button. A new screen will open. This will allow all of the normal local Gateway functions to be accessed for setup and configuration. For further information on how to configure the gateway, see the Velocity manual.

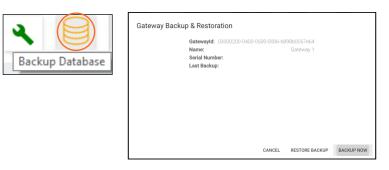
≡ 53 Неір~		velocity	Customer: Compan Gateway: Gateway	y 💿	
	Users	Product Documentation	Updates		
<b>(</b> ) (3)	A A Company Kathyn Saca Company	View Velocity Documentation (View Full Documentation) • ATANC1080 • Installation Guides • Datashere: • Minual			
		Label Sheet Template     CAD Ellon			
$\otimes$	7 Ationa Devices Added	1 Projectors And Displays Added	1 6		
0	0 Display/Projector Inputs Connected	O Synced Dedicated Control Devices Connected	Devices Dorinected Devices Down!		



## Backup

Once the gateway is linked, it can be backed up to the cloud.

1. Press the Backup Database button.



2. Click the **Backup Now** button. The cloud will show a progress bar as it goes through the backup process.

Gateway Backup & Restoration	Gateway Backup & Restoration
Gatewaydr: 03000200 0400 0500 000 b9980005re64 Name: Gateway 1 Strit Number: Last Beckup: Starting Database Beckup:	Gatewayld: 03000200-0400-0500-0006-b898b0057e64 Name: Gateway 1 Serial Number: Last Backup:
	Saving Backup to Cloud Drive
CANCEL RESTORE BACKUP BACKUP NOW	
	CANCEL RESTORE BACKUP BACKUP NOW
25 👻 Starting to Backup to the Cloud.	

## Restore

Once the gateway has been backed up to cloud, it can be restored from the previous save.

1. Press the Backup Database button.



2. Click the **Restore Backup** button. The cloud will show a progress bar as it goes through the restore process. When finished, the popup will display the gateway ID, name, serial number, and last back when finished.

Gateway Backup & Restoration Gateway Id 03000200 0400 0500 0000-b89860057604 Name: Gateway 1 Serial Number 0740305517060200054 Last Backup: CloudBackup-10-11-2017 02:59:52 PM targz	Gateway Backup & Restoration Geneway Id 03000200 0400 0500 0006 689850057r64 Nome: Cateway I Serial Number 0740095170020951 Last Backup: CloudBackup 10 11-2017 02:59:52 PM tar gr.	Gateway Backup & Restoration Gateway Id 0300200-0400-0500-0006-b898b0057e64 Name: 024030517066220054 Last Backup: CloudBackup-10-11-2017-02-59-52 PM-tar.gz
RESTORE BACKUP BACKUP NOW	RESTORE BACKUP BACKUP NOW	RESTORE BACKUP BACKUP NOW



