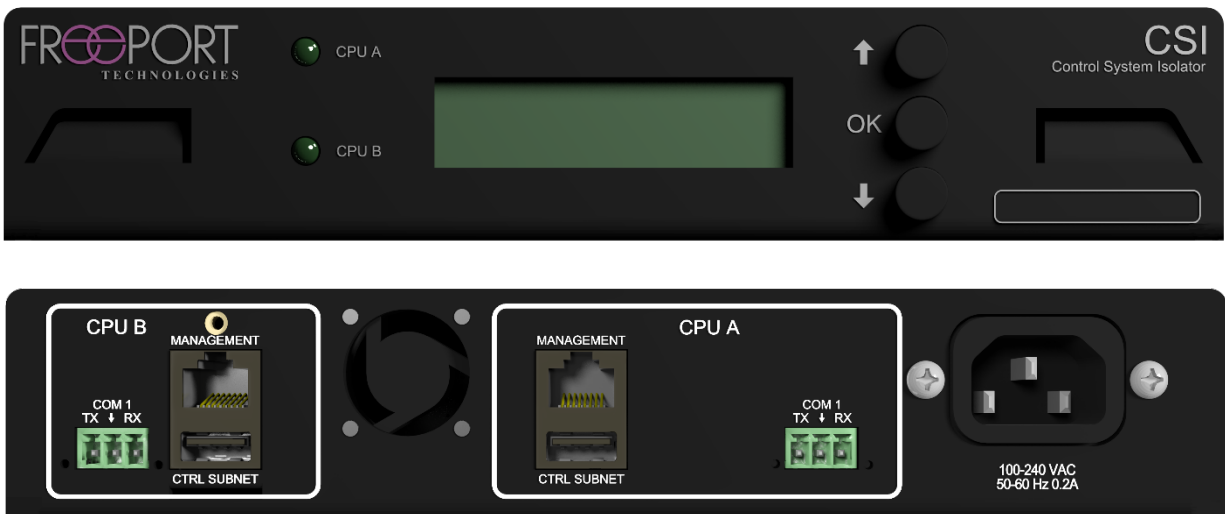# CONTROL SYSTEM ISOLATOR

Release Notes
CSI-1.2.1

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1 Configuration Items

Item #	Configuration Item	Required Change
CSI-1.0.0		
138	MDVNS SCC5Net Switch Firmware	If the CSI is licensed for In-Room Control in a multi-classification environment, the MDVNS SCC5Net Switch must be running firmware version MDVNS-Sequencer-4.2.8.852 or higher.
139	MDVNS SCC5Net Switch - Network API Access	If the CSI is licensed for In-Room Control in a multi-classification environment, the MDVNS SCC5Net Switch must be configured with the following settings: Enable Network API Access - Enabled Encrypt Network API - Enabled Authenticate Network API - Enabled

2 Release Notes

Feature	Type	Release Note
CSI-1.2.1		
N/A	Added	The "NTP" option to configuration options (factory reset, export, import).
In-Room	Resolved	An issue in which the system status messages being shown on Mercury displays did not always reflect the state of the SCC5Net Switch. *Requires SCC5Net firmware 4.5.1 or later. • Use the new MDVNS API query "getOperation" to determine which sign message to show in the event the CSI connects to the SCC5Net while the system is already switching. • Use the new MDVNS API event "event,reboot" to disable the B-Side and show the "System Init" message until the SCC5Net is ready.
N/A	Resolved	An issue that was extending the boot time of the CSI. This caused the firmware page to not reload after an **upgrade from version 1.2.0.306. In addition, any other web-initiated reboot would fail to reload the page afterward.** The wait dialog would clear before the web server was ready.
CSI-1.2.0		
In-Room	Added	The ability for the CSI to control the SCC5Net Switch via the **A-Side serial port. Includes encryption and authentication** options. The authentication and encryption options require SCC5Net version 4.5 or later.
N/A	Added	The ability to configure the Web UI session timeout, between 10 and 999999999 minutes. Existing web sessions will be updated with the new expiration interval.
In-Room	Resolved	An issue in which commands from the CSI to a Mercury unit intermittently failed and were not retried. Improved the overall ability of In-Room Control to recover the connection with a Mercury unit.

Feature	Type	Release Note
In-Room	Resolved	An issue in which the "All Mics" mute button on the Cisco touch panel was being mislabeled.
N/A	Resolved	An issue where random UDP listener ports were opened (e.g. 19141).
CSI-1.1.2		
N/A	Improved	Security by closing port 5355: LLMNR (Link-Local Multicast Name Resolution).
N/A	Updated	Nginx webserver to version 1.17.8
CSI-1.1.1		
N/A	Resolved	An issue where the reboot after a factory reset fails if the IP address of the unit was changed. A factory reset now always requires a reboot, whether it is initiated via the Web UI or front panel.
N/A	Improved	Feedback after a factory reset. The audit log and the LCD will now indicate a success/failure for a front panel factory reset.
In-Room	Resolved	An issue where Mercury messages can't be configured for networks that were added after the Mercury device was created.
CSI-1.1.0		
In-Room	Improved	In-Room control flexibility in regards to the number of items that can be utilized: • Removed the limit on the number of sources that can be assigned to a specific network when utilizing a video switch • Removed the limit on the number of display power buttons that can be shown on the Cisco touch panel • Removed the limit on the number of Image Processor layout buttons that can be displayed on the Cisco touch panel • Removed the limit on how many networks can be configured (MDVNS required) • Increased the maximum number of microphone groups to 8
In-Room	Added	The ability to require authentication for any device that is being controlled by the CSI. This will add the following configuration fields: • Login Prompt

Feature	Type	Release Note
		- Password Prompt - Login Succeeded - Login Failed (optional) - Pre-authorization Command - Terminator - Keep-Alive Command - Keep-Alive Interval
In-Room	Added	The option to use toggle buttons on custom panels being display on the Cisco touch panel. Notes: - Toggle buttons have an additional command sent when the button is toggled off - Toggle buttons have an optional query command **and associated responses. The optional query is sent** at startup and after a network switch (MDVNS required) to determine the initial state of the button - Toggle buttons have optional unsolicited text from the device (events) to trigger the state of the button - If the query, responses, and events are not supplied, the initial state of a toggle button will be off - Typically a query or events will be used, not both - The same event text can't be used for more than one button associated with the same device - Queries are not supported for the SCC5Net Switch device type - Events are not supported for the following device **types: SCC5Net Switch, Mercury, CODEC**
In-Room	Added	The option to use toggle buttons on the CIsco touch panel when controlling display power. Notes: - When this is enabled, there is also an option to add a power query command and responses - The query will be sent at startup and after a network **switch (MDVNS Required) to query the power state** and update the button states - If the query command is not supplied, the initial state of the buttons will be off

Feature	Type	Release Note
In-Room	Resolved	An issue that was causing all PDU outlets to be turned off if the CSI is rebooted or power-cycled while on network (MDVNS Required). At In-RoomControl startup, all PDU outlets will be enabled/disabled according to the current configuration.
In-Room	Improved	Cisco touch panel customization. - Allow the creation of multiple custom panels and action buttons - A maximum of 100 action buttons can be created - A maximum of 20 buttons can be placed on a panel - Action buttons will appear on the Cisco touch panel first, then panel buttons - When creating a custom panel each button can be displayed or hidden based on the active network (MDVNS Required) * If all buttons are hidden, the panel button will not be shown
In-Room	Added	The ability to assign a default image processor layout to each network/mode and system off mode (MDVNS Required). If no default is assigned for a network or mode, the default button will be used.
In-Room	Added	The option to set the CODEC time in Off mode (MDVNS Required) based on the CSI clock. The time will be set after a SCC Unit factory resets the CODEC. Notes: - This will occur after MDVNS system initialization, system error, and switch to off mode - The time zone can be set using a post-clean command
In-Room	Improved	The time required to transfer the user interface to the Cisco touch panel.
CSI-1.0.0		
N/A	Initial Build	- Initial Release - - CSI Web UI configuration tool - System settings include network, security, firmware, licenses, date/time/ntp

Feature	Type	Release Note
		• Features include default settings (isolated device baud rate, command timeout delay, success string, failure string) and custom response managment • Configuration file import/export • Logging (including Syslog support) • License key option for Cisco In-Room Control (single or *multi-classification) *Requires Freeport MDVNS