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Crestron Database Release Notes

Introduction

The Crestron Database represents data for the advanced programming applications such as D3 Pro and SystemBuilder. The data consists of module files, mdb control files, and other necessary files needed in support of these applications.

The following sections are available in the release notes:

- **General Notes and Issues**
- **New Features/Bug Fixes**
- **Prior Crestron Database Release Notes**

General Notes and Issues

- None at this time.

New Features/Bug Fixes

Known Issues:

- None at this time.

Fixes/Changes from 69.05.002 to 70.00.001:

- Initial Release of HDI-MD-C-2G-E v1.0 module.
- Internal bugfixes for HD-MD-300/400.
  - Prevent additional reconnect attemp while current connection is still active.
  - Fixed issue with some Sony TV's where 0xFF terminator character is not handled properly.

Fixes/Changes from 69.00.001 to 69.05.002:

- Updated HZ-KPCN v1.0.cmc interface module for D3Pro support.
- Updated CLX-DIMU4
  - Added expansion module support.
- Updated Crestron Certified Drivers.
  - Most CTimer calls to one shared CTimer in common to improve performance in Pyng.
  - Added support for setting DeviceId field using SetUserAttribute where required.
  - Added signal cues to the Simpl Module argument definitions to make more compatible with Crestron Studio.
  - Re-Versioned all Simpl modules to version 1.1.
- D3Pro and BOM Support
  - Added DIN-1TSTAT8.
  - Added Basalte Auro Motion Sensor.

Fixes/Changes from 68.07.001 to 69.00.001:

- Added Crestron.CRPC-DSP_v3_0.clz
  - Contains additional validation for DSP EQ controls.
- Added CLCI-MCEX Interface v1.0.cmc
  - Initial release of CLCI-MCEX module.
- Added Basalte v1.0.cmc
  - Initial release of Basalte module.
- Bugfixes to Dynamic Modules

- Added Diagnostics support.
- Added overrides for the username and password.
- DTMF tones no longer require a call to be selected first.
- Added support for more standby modes.
- Module will now register as a peripheral with the device.
- Fixed two bugs related to phonebook navigation.
- Added ability to change how many entries are listed per page on a Phonebook if the Download All setting is used (Scrolling list support).
- Added ability to limit how many call history entries are downloaded each time they are requested.
- Fixed bug where Near End Camera control would not work property if the initial poll was not enabled.

Fixes/Changes from 68.06.001 to 68.07.001:

- **Internal update to SonosLibrary.clz**
  - **Required compatibility update for Sonos v9.0 firmware.**
  - **Recompilation of SIMPL programs utilizing earlier Sonos modules is required to maintain compatibility.**
- Bugfixes to Dynamic Modules
  - CableBox_VU+_Solo-2: Added missing buttons
  - CableBox_DirecTV_H25-100: Added missing Buttons
  - Digital+ Digital+ I+ Cable Box: Added missing Buttons [Guide, Return, Exit, Record, Page Up/Down]
  - CableBox_Sky_My-Sky-HD-Update-042012: Added missing button
  - CableBox_Sagem_NC+: Added missing buttons [ok, guide, info, last ,on demand, record, exit, fast forward]
  - Yamaha AVR: Added missing Audio inputs.
  - CableBox_Sagem_ESI: Added missing buttons [on demand, four color buttons, previous, record]
  - Apple TV 3rd generation: Added missing button [Play/Pause]
  - Motorola BMC 9012: Added missing Buttons [Guide, Live, Back, Skip, Record]
  - Yamaha RX-A1070: Added missing inputs
  - ADB NC+: Added missing buttons and commands
  - DStv DSTV HD-PVR TV: Added missing buttons [Pause, Record]
  - CableBox_Motorola_VIP1200: Added missing Buttons
  - DStv DSTV EXPLORA TV1: Added Missing Buttons [Pause, Record]
  - Cablebox_Ferguson_T65: Added missing buttons [color buttons, exit, and rewind missing]
  - Cisco Explorer 8640HDC Cable Box: Added missing buttons [*, #]
  - SonyUHPH1Tcp: Added missing buttons
  - Arris DCX Cable Box: Added missing buttons [Record, DVR]
  - Cisco RNG200: Added missing buttons [record, DVR]
  - Philips DTR-3000 Cable Box: Added missing buttons [Play, Pause, Rewind, Record]
  - Arris DCX Cablebox: Added missing buttons [back , last]
  - Foxtel IQ2 Cable Box: Added Missing buttons [Active, Planner, Setup, Help, Play, Pause, Stop, Fast Forward, Rewind, Recording Menu]
  - Yamaha RxA1070: Fixed TCP Driver reporting audio inputs with Unknown connector
  - CableBox_VU+_VuZero: Added Missing Buttons
  - Sony UBP-X1000ES:Added Missing buttons
  - Philips FTR-9964 Cable Box: Added Missing buttons

Fixes/Changes from 68.05.002 to 68.06.001:

- Horizon Keypad bugfix
  - Update to HZ-KPCN v1.0 module. (Hidden)
  - Modified Enable_Manual_DayNightTime and EnableDayNight FB signals to properties for proper D3 Pro support.
- Added CrestronSDKDrivers.dat file for Device Learner support
- Updated Standard Command support
  - Mapped RECORD standard command to "TV Tuner \ Cable Box with DVR"
  - Removed the * mapping from Digital Video Server.

- ○ Updated standard command mappings for DVD / Blu-Ray to include REPLAY.
- ○ Updated standard command mappings for Digital Video Servier to include 0-9, ENTER, #, ., Digit_-, Backspace, RETURN, and ON_DEMAND.
- ○ Updated standard command mappings for TV to include HOME and SEARCH. Also set MUTE_ON and MUTE_OFF to the parent type instead of TV / Plasma TV.
- ○ Updated standard command mappings for DVD / Blu-Ray to include #, *, -, ., Backspace, and info.

Fixes/Changes from 68.00.002 to 68.05.002:

- Horizon Keypad bugfix
  - ○ Update to HZ-KPCN v1.0 module. (Hidden)
  - ○ Resolves issue setting the Custom_Day/Night/On/Off values in D3 Pro.
- Initial release of Dynamic Modules
  - ○ New Modules
    - Crestron Certified Drivers AV Receiver CEC 1.0.cmc
    - Crestron Certified Drivers AV Receiver Ethernet 1.0.cmc
    - Crestron Certified Drivers AV Receiver IR 1.0.cmc
    - Crestron Certified Drivers AV Receiver Serial 1.0.cmc
    - Crestron Certified Drivers Bluray Player CEC v1.0.cmc
    - Crestron Certified Drivers Bluray Player Ethernet v1.0.cmc
    - Crestron Certified Drivers Bluray Player IR v1.0.cmc
    - Crestron Certified Drivers Bluray Player Serial v1.0.cmc
    - Crestron Certified Drivers Display CEC v1.0.cmc
    - Crestron Certified Drivers Display Ethernet v1.0.cmc
    - Crestron Certified Drivers Display IR v1.0.cmc
    - Crestron Certified Drivers Display Serial v1.0.cmc
    - Crestron Certified Drivers System Module.cmc
    - Crestron Certified Drivers TV Tuner CEC v1.0.cmc
    - Crestron Certified Drivers TV Tuner Ethernet v1.0.cmc
    - Crestron Certified Drivers TV Tuner IR 1.0.cmc
    - Crestron Certified Drivers TV Tuner Serial 1.0.cmc
    - Crestron Certified Drivers Video Server CEC v1.0.cmc
    - Crestron Certified Drivers VideoServer Ethernet 1.0.cmc
    - Crestron Certified Drivers VideoServer IR 1.0.cmc
    - Crestron Certified Drivers VideoServer Serial 1.0.cmc
  - ○ Notable Features
    - Implemented User Attributes Support.
    - Implemented IMediaTransport and IMediaTransport2 in IBasicVideoDisplay3.
    - Implemented more Standard Commands were added for all device types to support on demand, replay, play/pause, etc.
    - Implemented better cryptography support for AV Receiver, CableBox, VideoServer, and Bluray Player.
    - Implemented SimplSharpCryptography Interface in RADDisplay dll to support authentication.
    - Implemented all the available surround mode standard commands in AvrStandardCommands.
    - Implemented TunerFrequencyPoll in AVR Standard Commands.
    - Implemented support for media sources in IBasicVideoDisplay.
    - Implemented Info command in IMediaTransport2 for Video server and AV Receiver device types.
    - Implemented Options method in Common.
    - Implemented IMediaSource in IBasicVideoServer.
    - Implemented Additional interface support for new standard commands in IIrDvr.
    - Implemented missing property "SupportsColorButtons" in IBasicBlurayPlayer2.
- Added Standard Command support
  - ○ Added the following standard commands to the [StdButtons] table: SETTINGS, OPTICAL_1..10, COAX_1..10, ANALOGAUDIO_1..10, USB_1..10, AMAZONVIDEO

Fixes/Changes from 67.05.006 to 68.00.002:

- Added Horizon Keypad Support
  - Initial release of HZ-KPCN v1.0 module. (Hidden)
  - D3 Pro version 3.03.015.00+ is required.
  - Engraver version 5.4.26.15+ is required.
  - Device Database version 93.05.002 is required.
- Updated Dynamic Shades Preset support
  - New Modules
    - Dynamic Shades Preset v2.0.csp added.
  - Notable Changes
    - Updated Dynamic Shades Preset module to support tilt functionality of CS-SHADE-ROLLER-HSHEER.
    - D3 Pro version 3.03.015.00+ is required.
- Added View Sonic Display support
  - Added ViewSonicDisplays v1.0 module.

Fixes/Changes from 67.00.003 to 67.05.006:

- Added Voice Control Modules
  - New Modules
    - Added Voice Control Registration v1.1.1 module.
    - Added Voice Control Room v1.3.2 module.
  - Notable Changes
    - Updated registration module to support TSR-310.
    - Renamed US region to North America in registration module.
    - Updated registration module to support Asia-Pacific region.
    - Updated all crestronfusion.com domain URLs to crestron.io in registration module.
- Added Voice Control Module support in D3Pro
  - Added Voice Control Main Interface v1.0 module.
    - Allows for registration to the voice control portal when added to D3Pro.
    - When added, global events for voice control will be exposed in D3Pro.
  - Added Voice Control Room Interface v1.0 module.
    - When added to a room in D3 Pro, room controls on the voice control interface will be exposed. This will allow them to be attached to lighting rooms, loads, shades and/or a thermostat.
- Updated TSTAT interface modules
  - New Modules
    - Crestron CHV-TSTATEX Basic Control (No Scheduler) v1.1 module.
    - Crestron CHV-TSTATEX-FCU Basic Control (No Scheduler) v1.2 module.
    - Crestron CHV-TSTATEX-FCU w5-2 Scheduler v1.2 module.
    - Crestron CHV-TSTATRF Basic Control (No Scheduler) v1.5 module.
  - Notable Changes
    - All four modules have had two additional analog setpoint input signals added which if the TSTAT is in Dual mode will pass its input to the hardware definition of its corresponding TSTAT. This was adjusted to allow for connections to the Alexa room module.
- Added Powersoft amplifier support
  - Added CA-PWRSFT-1604 v1.0 module.
  - Added CA-PWRSFT-2404 v1.0 module

Fixes/Changes from 66.06.003 to 67.00.003:

- Added D3Pro support for Vitrea v1.0.cmc.
- Added D3Pro support for Pyng Connection Configuration v1.1.2.cmc, Pyng (Trigger Pyng Actions) v1.1.cmc, and Pyng (Listen for Pyng Events) v1.1.cmc.
- Added Cisco Room Devices Driver 3.0.cmc module.
  - Rewrite from scratch of original Cisco modules.
  - Supported on firmware version CE 9.1.5.4.
  - SSH is supported internally by the module - SSH Interface v1.x modules dependency is removed.
  - Phonebook can be set so that it downloads only what is needed or to download everything.

- ○ Built-in support for the AddressBook Smart Object.
- ○ Basic control for: calls, farend & nearend cameras, presentations/sharing, bookings/meetings, phonebook (corporate and local), call history, call settings, DTMF and dialing, audio controls (microphones and speakers), room presets, presenter & speaker track, and basic system information.

Fixes/Changes from 66.05.001 to 66.06.003:

- Added D3Pro support for C2N-GENERICKEYPAD and Creslight keypads.
- Added Sonos 3.0.0 module support.
  - ○ Added Sonos Device Module v3.0.0.
  - ○ Added Sonos Grouping Module v3.0.0.
  - ○ Added Sonos Zone Module v3.0.0.
  - ○ Added Sonos System v3.0.0 module.
- Fixed Zūm Mirror Room module issue that prevented Scene 1 from being properly activated.

Fixes/Changes from 66.00.002 to 66.05.001:

- Added TV Presets CRPC Interface v2.0 module.

Fixes/Changes from 65.05.004 to 66.00.002:

- Added Zūm modules.
  - ○ Added Zūm External Room module v1.0.
  - ○ Added Zūm Host Controller v1.0.
  - ○ Added Zūm Mirror Room module v1.0.
- Added Basalte Auro Configuration module.
- Fixed bug in CSM-QMTDC-HSHEER which allowed out of range Tilt values to be set in D3Pro
- Fixes in Fusion SSI modules.
  - ○ Fixed bug in Fusion SSI v2.5 – 3 series only module which prevented several attributes from being reported to Fusion under certain conditions.
  - ○ Fixed IO exception in Fusion SSI Scheduling Awareness JoinNow Interface v1.1 module.
  - ○ Fixed null exception in Fusion SSI Scheduling Awareness JoinNow Interface v1.1 module.
  - ○ Fixed parsing error in Fusion SSI Scheduling Awareness JoinNow Interface v1.1 module.
  - ○ Fixed Processor and Program Uptime reporting issue in Fusion SSI v2.5- 3 series only module.

Fixes/Changes from 65.00.06 to 65.05.004:

- Updated DSP Crosspoint clz to v2.0.1.1130.
  - ○ Fixed issue where a DSJ may not initialize properly, preventing the DSJ from controlling the DSP.
  - ○ Fixed issue where a single parameter request from DSJ would not control the DSP.
- Initial D3Pro support for CSM-QMTDC-HSHEER-CN and CSM-QMTDC-HSHEER-EX.

Fixes/Changes from 64.05.001 to 65.00.06:

- Added Voice Control Room v1.3.1.cmc.
- Fixed compiler warnings during compilation of HD-MD-300-C-E v1.1.cmc,HD-MD-300-C-E v1.2.cmc, & HD-MD-400-C-E v2.1.cmc modules.
- Added D3 Pro support for CLX-2DIMU8.

Fixes/Changes from 64.01.001 to 64.05.001:

- Update to DSP Crosspoint clz.
- Initial release DSP Selector Router v1.0

Fixes/Changes from 64.00.001 to 64.01.001:

- Renamed Occupancy Sensor module to "Fusion SSI Occupancy Sensor v1.02".
- Initial release of GLS-OIRLCL-C-CN

Fixes/Changes from 63.07.003 to 64.00.001:

- Updated Fusion SSI modules to generate ini file if one doesn't exist.
- Initial release of DIN-TSTAT-FCU
- Added AVFramework Remote System Control V1.2 module

Fixes/Changes from 63.06.002 to 63.07.003:

- Updated Fusion SSI modules.
  - Fusion SSI Help Request and Response v1.1.cmc
  - Fusion SSI Scheduling Awareness JoinNow Interface v1.1.cmc
  - Fusion SSI Scheduling Awareness v1.4.cmc

- **D3 Pro Support:**
  - Updated CLX-2DIMU8 support.
  - Updated real-time lighting scripts to support 3-series control systems and EX devices on internal gateways.
    - Requires SystemBuilder 3.03.012, and Toolbox 2.43.714 or later

Fixes/Changes from 63.05.007 to 63.06.002:

- Updated Sonos modules.
  - Sonos Device Module v2.3.1.cmc
  - Sonos Grouping Module v2.3.1.cmc
  - Sonos System v2.3.1.cmc
  - Sonos UI Module v2.3.1.cmc

Fixes/Changes from 63.00.004 to 63.05.007:

- Updated Fusion SSI modules.
  - Fusion SSI Scheduling Awareness JoinNow Interface v1.1.cmc
  - Fusion SSI Scheduling Awareness v1.4.cmc
  - Fusion SSI v2.5- 3 series only.cmc
  - Fusion SSI Create AdHoc Meeting v1.2.cmc
  - Fusion SSI Device Usage v1.2.cmc
  - Fusion SSI Display Usage v1.2.cmc
- Updated HD-MD-300/400 modules.
  - Released HD-MD-300-C-E v1.1.cmc
  - Released HD-MD-400-C-E v2.1.cmc
- Alexa Voice Control modules now support UTF-8 characters.
- Updated Sonos modules.
  - Sonos Device Module v2.3.cmc
  - Sonos Grouping Module v2.3.cmc
  - Sonos System v2.3.cmc
  - Sonos UI Module v2.3.cmc
- Released SSH Interface v1.3.cmc

Fixes/Changes from 62.05.004 to 63.00.004:

- Initial release of HD-MD-300-C-E

Fixes/Changes from 62.00.002 to 62.05.004:

- Added Fusion EM Automation v1.42.00.cmc
- Updated help files for the following Fusion SSI Modules
  - Fusion SSI v2.3.0
  - Fusion SSI Broadcast Message v1.0.1
  - Fusion SSI Display Usage v1.1.1
  - Fusion SSI Equipment Status v1.2.1
  - Fusion SSI Help Request and Response v1.1

- ○ Fusion SSI Text Message Send and Receive v1.1
  - ○ Fusion SSI GUID Updater v1.0.3
- Fixed issue with F1 help not working for Fusion Time Sync v1.1.0.csp
- Updated Max Current Output and Max Current Total for CLX-2DIMFLV8, CLXI-2DIMFLV8, and CLX-2DIMFLV8-277 modules in D3 Pro.
- Added Voice Modules (These will replace the now deprecated Alexa modules)
  - ○ Voice Control Registration v1.1.0.cmc
  - ○ Voice Control Room v1.3.0.cmc

Fixes/Changes from 61.06.001 to 62.00.002:

- Updated Fusion SSI modules.
  - ○ Fusion SSI v2.3.0.cmc.
  - ○ Fusion SSI Broadcast Message v1.0.1.cmc.
  - ○ Fusion SSI Display Usage v1.1.1.cmc.
  - ○ Fusion SSI Equipment Status v1.2.1.cmc.
  - ○ Fusion SSI Help Request and Response v1.1.cmc.
  - ○ Fusion SSI Text Message Send and Recieve v1.1.cmc.
  - ○ Fusion SSI v2.3.0 (2 series only).cmc.
- Updated TiVo modules.
  - ○ TiVo Premiere v1.0.cmc,TiVo Series 3 HD v1.1.cmc.
  - ○ TiVo Series 3 HD v1.2.cmc.
- Updated Sonos Module v2.2.2 documentation.

Fixes/Changes from 61.05.006 to 61.06.001:

- Added Sono Modules v2.2 with offline signal for increased connection management.

Fixes/Changes from 61.00.002 to 61.05.006:

- Updated Comcast XR11 IR file for standard commands.
- Updated DirecTV HR25-100 IR file for standard commands.
- Updated B0101CBF-mini IR file.
- Updated Denon_AVR_Series-mini IR file.
- Updated Alexa modules to include a more robust processor registration sequence.
- Added Sono Modules v2.1 which updates internal connection method.
- Added TiVo Series 3 HD v1.2 module.

Fixes/Changes from 60.05.007 to 61.00.002:

- Added Address Book modules
  - ○ Address Book Manager v1.0.0.cmc
  - ○ Address Book Provider - Cisco C-Series v1.0.0.cmc
  - ○ Address Book Provider - JSON File v1.0.0.cmc
  - ○ Address Book Provider - JSON Serial v1.0.0.cmc
  - ○ Address Book UI Interface v1.0.0.cmc
- Added Sonos modules v2.0 with support for Sonos App on TSW-x60 touchscreens.
- Added Denon AVR-X5200W IP v1.0.cmc
- Added Denon AVR-X5200W v1.0.cmc
- Added Marantz AV7702 IP v1.0.cmc
- Added Marantz AV7702 v1.0.cmc
- Added TiVo Series 3 HD v1.1.cmc

- **D3 Pro Support:**
  - ○ Updated CLW-DIMFLVEX and CLX-2DIMFLV8 support.

Fixes/Changes from 60.00.006 to 60.05.007:

- Added Amazon Alexa modules.
- Added IR driver - Comcast_XR11.ir

- Added IR driver - DirecTV_HR25-100.ir
- Added Onkyo TX-RZ810 IP v1.0.cmc
- Added Onkyo TX-RZ810 v1.0.cmc
- Added Integra DRX-5 v1.0.cmc
- Added Integra DRX-5 IP v1.0.cmc
- Updated Sonos modules to remove the limitation of having to put the Sonos System module first.

- **D3 Pro Support:**
  - Added CLC-FANDELVEX support.
  - Added DIN-CENCN2 and DIN-CENCN2-POE support.
  - Added CLW-DIMFLVEX and CLX-2DIMFLV8 support.
  - Marked older specific shade devices (i.e., CSM-QMTDC-163-1-xx) as hidden. The newer generic shade devices (i.e., CSM-QMTDC-xx) should be used instead.

Fixes/Changes from 59.00.002 to 60.00.006:

- Added Sonos integration modules.
- Added Fusion GUID Updater Helper v3.06.00 (3 series only).cmc
- Added Fusion GUID Updater Helper v2.02 (2 series only).cmc

Fixes/Changes from 58.05.002 to 59.00.002:

- Added module help for sACN module.
- Updated HD-MD-400 module to not queue commands when sending over COM and not send carriage return when running on a 2-series.

Fixes/Changes from 58.00.002 to 58.05.002:

- Added sACN support.
- Fixed typo in the description for Input 'Bargraph_Animation_Enabled' on MP-B10, MP-B20, MPC-B10 and MPC-B20 modules.

Fixes/Changes from 57.00.003 to 58.00.002:

- Updated Fusion SSI modules to better read/write RVI files.
- Updated HD-MD-400-C-E module to correctly report feedback when running on a 2-series processor.
- Added Crestron DSP Routing Module v1.2.0.cmc for support of all Crestron DSP models.

- **D3 Pro Support:**
  - Added CSA-PWS10S-HUB-E support.

Fixes/Changes from 56.05.001 to 57.00.003:

- Added help documentation for CEN-NSP-1 Non-touchable UI module.
- Added C2N-LCD-B3 Media Interface v1.0.
- Added Apple TV 4th Generation CEC module.
- Added Apple TV 4th Generation IR driver.
- Updated Pioneer_VSX-502.ir driver to correct duplicate signals.
- Updated AlarmClock v2.0.cmc to address not being able to write to NVRAM on 2-Series processors.
- Updated HD-MD-400-C module to address CEC commands not being sent out correctly.
- Updated TV Presets modules to allow modification of the webserver port.

Fixes/Changes from 56.00.002 to 56.05.001:

- Updated din-8sw8 v1.3.cmc to correct incorrect signal type on Equipment Crosspoint
- Added 2-series COM support and protection against null bytes in HD-MD-400-C-E module

Fixes/Changes from 55.05.004 to 56.00.002:

- **D3 Pro Support:**
  - Added CEN-GWEXER support.

Fixes/Changes from 55.00.011 to 55.05.004:

- Added Media Server Object Router v4.0.cmc to provide more efficient and faster start up communication between device and Media Player Smart Object.
- Added AVFramework Remote System Control module.
- Added Variable Analog Increment with Optional Feedback module which takes in values as analog signals.

- **D3 Pro Support:**
  - Correctly set the values for the DimmerMinLevel and DimmerMaxLevel device parameters for those lighting devices that support them.
  - Changed CLX/CLXI dimmers with built-in scaling slot to use the built-in scaling slot (like the GLX-DIM6, etc.), instead of using a clamp (like the CLX-1DIM8, etc.).
  - Change to use an Analog Min/Max Scaler instead of an Analog Min/Max Clamp for all lighting devices that currently use the clamp for setting Min/Max levels (e.g., CLX-1DIM4, CLX-2DIM8, CLX-1DELV4, etc.)
  - Correct metadata in the modules to correctly set certain device parameters including RemoteWaitForDblTap, and increase the maximum value for the HoldTime and DblTapTime parameters to 2.5 seconds for the CLW-DELVEX-E/P, CLW-DIMEX-E/P, CLW-DIMSWEX-E/P, CLW-SWEX-E/P. INET-CBDEX-E/P and HTT-B10EX.

Fixes/Changes from 54.05.005 to 55.00.011:

- Updated AffinityClientConnection.clz to remove excess notices in control system log.
- Added Analog Increment Module which allows setting limits using analog inputs.
- Updated XM modules to shorten the loading time for the channel list.
- Updated USB HID Converter module to include selection for IP Address (DM vs Lan).
- Updated Generic CEC Display Control module to include input selection and input address.
- Added support for CBL-USB-KM232.

- **Fusion Support:**
  - Added Fusion EM module suite.
  - Added Fusion SSI module suite for better reporting.

- **D3 Pro Support:**
  - Added the ability for D3 Pro to set the Min/Max level parameters on the CLW-DIMEX-E/P symbols during program generation.

Fixes/Changes from 54.00.012 to 54.05.005:

- Added IR Drivers:
  - Apple TV 3rd Generation

- **D3 Pro Support:**
  - Added CLC-1LEDPWM-RGBW-EX support

Fixes/Changes from 53.05.005 to 54.00.012:

- Renamed "Baldwin" Lock modules to "Baldwin+Kwikset"
- Updated HID keyboard emulator to resolve single button press sending multiple presses
- Added HD-MD-400-C SIMPL support

- **D3 Pro Support:**
  - Added Broadcast Shades command support for all Cresnet CSM-QMT shades

Fixes/Changes from 53.00.007 to 53.05.005:

- Updated Fusion modules for additional occupancy sensor support
- Added Fusion EM module support

Fixes/Changes from 52.05.013 to 53.00.007:

- Updated media object router module to have better trigger flow for enabling route. It then sends a message to the media player thereby triggering a re-registration for the source.
- AffinityClientConnection.clz: Fixed issue with the module offline status not being accurate.

- **D3 Pro Support:**
    - Added CSM-QMTDC-163-1-CN
    - Added CSM-QMTDC-163-1-EX
    - Added CSM-QMTDC-250-2-CN
    - Added CSM-QMTDC-250-2-EX
    - Added CSM-QMTDC-250-4-CN
    - Added CSM-QMTDC-250-4-EX
    - Added CSM-QMTDC-DRP-3-CN
    - Added CSM-QMTDC-DRP-3-EX

Fixes/Changes from 53.00.007 to 53.05.004:

- Updated Fusion modules for additional occupancy sensor support
- Added Fusion EM module support

Fixes/Changes from 52.05.013 to 53.00.007:

- Updated media object router module to have better trigger flow for enabling route. It then sends a message to the media player thereby triggering a re-registration for the source.
- AffinityClientConnection.clz: Fixed issue with the module offline status not being accurate.
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- **D3 Pro Support:**
    - Added CSM-QMTDC-163-1-CN
    - Added CSM-QMTDC-163-1-EX
    - Added CSM-QMTDC-250-2-CN
    - Added CSM-QMTDC-250-2-EX
    - Added CSM-QMTDC-250-4-CN
    - Added CSM-QMTDC-250-4-EX
    - Added CSM-QMTDC-DRP-3-CN
    - Added CSM-QMTDC-DRP-3-EX

Fixes/Changes from 52.00.016 to 52.05.013:

- **D3 Pro and BOM Support:**
    - Added GLS-LDL-EXP-BATT
        - Device Database 67.00.001 or greater is required.
    - Added GL-EXP-DIM-CN
    - Added GL-EXP-DIMU-CN
    - Added GL-EXP-DIMFLV-CN
    - Added GL-EXP-SW-CN
    - Added GL-EXP-DIMFDB-CN

Fixes/Changes from 51.05.007 to 52.00.016:

- Updated HD-MDMxN-4K-E module support to update Video_Detected_Fb on syncronize trigger

- Added IR Drivers:
    - Crestron GLS-ODT-OIR
    - Definitive Technology W Studio
    - Polk Audio Omni SB1
    - Sharp SD-WH1000
    - Sony 4K Media Player
    - Toshiba 46RV525U

- **D3 Pro and BOM Support:**
  - Added GLS-PART-CN

Fixes/Changes from 51.00.003 to 51.05.007:

- Added HD-MDMxN-4K-E support module support

- Updated support for Crestron Pyng:
  - Pyng trigger module help documentation

- Updated support for TV Presets:
  - Default profile paramater name updated to match the supplied TV Presets resources available

Fixes/Changes from 50.05.004 to 51.00.003:

- SystemBuilder and BOM Support:
  - Added HTT-B10EX.
- D3 Pro and BOM Support:
  - Added HTT-B10EX.

Fixes/Changes from 50.00.004 to 50.05.004:

- Updated support for Crestron Pyng:
  - AffinityClientConnection.clz (Note: When compiling a program or SIMPL+ module, that references S# assemblies, the following error may occur: "Error 1706 (Line 2) - Error including SIMPL# Library: 'Compatibility issue with .dll in .clz'." This is due to compatibility issues with Simpl# assemblies. This condition can be rectified by performing a 'Recompile All' using SIMPL 4.02.65 or greater.)

- **SystemBuilder and BOM Support:**
  - Added HR-100 and HR-150
  - Device Database 64.07.003.00 or greater is required.

- **D3 Pro and BOM Support:**
  - Added Electronic LV as a load type for the following interfaces:
    - CLX-1DIM4
    - CLX-1DIM8
    - CLX-2DIM2
    - CLX-2DIM8
    - CLXI-1DIM4
    - CLXI-2DIM2
    - CLXI-2DIM8

Fixes/Changes from 49.06.005 to 50.00.004:

- Updated support for Crestron Pyng:
  - Pyng Connection Configuration v1.1.2.cmc
  - AffinityClientConnection.clz
- Added support for Crestron Pyng Audio:
  - Pyng MediaPlayer SO Connection v1.0.cmc
  - MediaPlayerSerialClientInterface v1.0.csp
  - Serial Client Configuration Interface v1.1.csp

Fixes/Changes from 49.05.003 to 49.06.005:

- Added TV Presets module support:
  - TV Presets CRPC Interface v1.0.cmc
  - TV Presets Channel Control v1.0.cmc
  - TV Presets File Manager v1.0.cmc
  - TV Presets File Manager Interface v1.0.csp
  - TV Presets Helper v1.0.csp

- ○ TV Presets S# CRPC Interface v1.0.csp
- Added Baldwin Locks module support:
    - ○ Baldwin Lock Logger And Multi-Lock Setup v1.0.cmc
    - ○ Baldwin Lock v1.0.cmc
    - ○ Lock Logger And Multi-Lock Setup v1.0 Processor.csp
    - ○ Baldwin Lock v1.0 Processor.csp

- **SystemBuilder and BOM Support:**
    - ○ Added CLX-1DIMU4
    - ○ Added CLX-2DIMU8

- **D3 Pro and BOM Support:**
    - ○ Added CLX-1DIMU4
    - ○ Added CLX-2DIMU8

Fixes/Changes from 49.00.006 to 49.05.003:

- **SystemBuilder and BOM Support:**
    - ○ Added CEN-NSP1 device support for MLX-3
    - ○ Added CLWI-DIMUNEX
    - ○ Added CSM-QMTDC-163-1

- **D3 Pro and BOM Support:**
    - ○ Added CLWI-DIMUNEX
    - ○ Added CSM-QMTDC-163-1

Fixes/Changes from 48.05.003 to 49.00.006:

- Added C2N-AMP-6x100 module support.
- Updated AM-100 module support.

- **SystemBuilder and BOM Support:**
    - ○ Added DMC-4K-C-DSP
    - ○ Added DMC-4K-C
    - ○ Added DMC-STR

Fixes/Changes from 48.00.009 to 48.05.003:

- Added Fusion EM module help files:
    - ○ Added Fusion Master Scheduler v1.04.pdf
    - ○ Added Fusion Schedule Parser.pdf
    - ○ Added Fusion XML Parser v1.06.pdf
- Added AM-100 module support.

Fixes/Changes from 47.05.002 to 48.00.009:

- Updated Pyng module support:
    - ○ Trigger Pyng Actions
    - ○ Listen for Pyng Events
    - ○ Pyng Connection Configuration
- Updated Fusion module support:
    - ○ Fusion Master Scheduler v1.04.csp
    - ○ Fusion Room Control.csp
    - ○ Fusion Schedule Parser.csp
- Updated CLW-LDIMEX-2 v1.0.cmc to remove unused Load_Attached signal

- **SystemBuilder and BOM Support:**
    - ○ Added GLS-ODT-C-NS
    - ○ Added GLS-OIR-C-NS

- **D3 Pro and BOM Support:**
  - Added GLS-ODT-C-NS
  - Added GLS-OIR-C-NS
  - Added CLFI-LDIMUEX-230

Fixes/Changes from 47.00.003 to 47.05.002:

- Added Support for Crestron Pyng

Fixes/Changes from 46.05.002 to 47.00.003:

- Updated CLW-LDIMEX-1 v1.1.cmc to remove unused Load_Attached signal
- Updated CLW-LDIMEX-2 v1.1.cmc to remove unused Load_Attached signal
- Updated SystemBuilder Lighting CLW-LDIMEX-1 v1.0.cmc to remove unused Load_Attached signal
- Updated SystemBuilder Lighting CLW-LDIMEX-2 v1.0.cmc to remove unused Load_Attached signal
- Updated Fusion module support:
  - Fusion Master Scheduler v1.04.csp
  - Fusion Schedule Parser.csp
  - Fusion XML Parser v1.06.csp

- **SystemBuilder and BOM Support:**
  - Added DMCI-DMC-4K-HD
  - Added DMCI-DMC-4K-HD-DSP

Fixes/Changes from 46.00.004 to 46.05.002:

Added Support:

- **D3 Pro and BOM Support:**
  - Added CSM-QMTDC-256-2-EX
- **SystemBuilder and BOM Support:**
  - Added CSM-QMTDC-256-2-EX
  - Added FT-TSC600 control system

Fixes/Changes from 45.05.003 to 46.00.004:

- Added magnetic-low-voltage curve type to CLX-2DIM2_v1_3.cmc
- Updated Media Player interface modules to correct incompatibility issues when compiling.
- Added Media Server Object Router v2.0.cmc to correct compilation issues with Media Player modules.
- NOTE: After installing this database, if using any Media Player modules be sure to follow this rule: Either use all v1.0.x modules or v2.0.x modules. For an optimal user experience do not mix and match.

Added Support:

- **D3 Pro and BOM Support:**
  - Added CLW-KPLEX-BATT
- **SystemBuilder and BOM Support:**
  - Added CLW-KPLEX-BATT

Fixes/Changes from 45.00.002 to 45.05.003:

- Updated Closed Loop Dimming Photocell Control v1.7.cmc for 3-Series support
- Updated Closed Loop Dimming Photocell Control v1.9 DALI.cmc for 3-Series support
- Updated GLS Occupancy Sensor 3-Series v1.3.cmc for 3-Series support
- Updated Open Loop Dimming Photocell Control v1.7.cmc for 3-Series support
- Updated Open Loop Dimming Photocell Control v1.9 DALI.cmc for 3-Series support
- Updated AMFM_Tuner_v2.0.clz for Simpl# library compatibility
- Updated AppHelperClasses.clz for Simpl# library compatibility
- Updated Connected_AVR.clz for Simpl# library compatibility
- Updated Crestron.SatelliteRadioComInterface.clz for Simpl# library compatibility

- Updated Satellite Radio v2_0.clz for Simpl# library compatibility

Added Support:

- **D3 Pro and BOM Support:**
  - Added control station installation report images for CLW-DELVEX-* and CLW-SLVU-* interfaces
  - Updated ArcFaultDerate setting for CLX-4HWS4, CLX-1FAN4, and CLXI-4HWS4 to True

Fixes/Changes from 44.05.005 to 45.00.002:

- Updated Connected AVR HW Interface module to simplify programming when used with any Crestron Connected AVR
- Updated Denon Connected AVR UI module to simplify programming when used with any Crestron Connected AVR

Added Support:

- **D3 Pro and BOM Support:**
  - CLW-SWEX-277-P
  - CLW-SWEX-230-P
  - CLW-SWEX-230-E

- **SystemBuilder and BOM Support:**
  - CLW-SWEX-277-P
  - CLW-SWEX-230-P
  - CLW-SWEX-230-E

Fixes/Changes from 44.00.003 to 44.05.005:

- Updated GLS-OIR-CSM-EX-BATT modules
- Updated GLS-ODT-C-CN modules for programming of Timeout_Local_Fb signal
- Updated GLS-OIR-C-CN modules for programming of Timeout_Local_Fb signal

Added Support:

- **D3 Pro and BOM Support:**
  - CSM-QMTDC-256-2-CN
  - Set HTT-B2EX-BATT to be engraveable (Requires Device Database 55.00)

- **SystemBuilder and BOM Support:**
  - CSM-QMTDC-256-2-CN
  - Set HTT-B2EX-BATT to be engraveable (Requires Device Database 55.00)

Fixes/Changes from 43.05.006 to 44.00.003:

- Added Crestron Connected AVR programming modules

Fixes/Changes from 43.00.001 to 43.05.006:

- Added Yale Locks programming modules

Added Support:

- **D3 Pro and BOM Support:**
  - RMC3

- **SystemBuilder and BOM Support:**
  - RMC3
  - HD-XSPA

Fixes/Changes from 42.05.002 to 43.00.001:

- Updated Dynamic Shade Preset module to fix issues with "moving" feedback
- Updated Event Scheduler modules for deprecated operators
- Updated Closed Loop Dimming Photocell Control modules to be accessible on 3-Series processors
- Updated Open Loop Dimming Photocell Control modules to be accessible on 3-Series processors

Added Support:

- **D3 Pro and BOM Support:**
  - CSA-PWS10S-HUB
  - Updated DIN-DALI-2 (requires D3 Pro 3.01.022)

Fixes/Changes from 42.00.004 to 42.05.002:

Added Support:

SystemBuilder and BOM Support:

- DMCO-7x
- DMCO-77
- DMC-VGA
- DM-MD64x64
- DM-MD128x128
- DM-RMC-200-S2
- DM-RMC-SCALER-S2
- DM-TX-201-S2
- DM-TX-401-C
- DM-TX-401-S
- DM-TX-401-S2

Fixes/Changes from 41.05.006 to 42.00.004:

- Updated and added new Media Player modules to enhance performance.
- Updated CLWI-1SW2EX module to fix prevent exception in Crestron Studio
- Updated CLWI-DIMFLVEX module to fix prevent exception in Crestron Studio
- Updated CLWI-DIMUEX module to fix prevent exception in Crestron Studio
- Updated CLWI-SWEX module to fix prevent exception in Crestron Studio

Added Support:

- **D3 Pro and BOM Support:**
  - DIN-DALI-2
  - CEN-RFGW-EX (Shared Ethernet)

- **SystemBuilder and BOM Support:**
  - DIN-DALI-2
  - CEN-RFGW-EX (Shared Ethernet)

Fixes/Changes from 41.01.005 to 41.05.006:

- Updated CEN-NVS100 module to work on 3-Series control systems
- Added MIC Master Fader Control and Output Clip Meter Feedback to the following DMPS models: (Device Database 52.00.007 is required)
  - DMPS-100-C
  - DMPS-200-C
  - DMPS-300-C
  - DMPS-300-AEC

Added Support:

- **D3 Pro and BOM Support:**

○ GLS-OIR-C-CN

Fixes/Changes from 41.01.003 to 41.01.005:

Added Support:

- Added ability to program GLPAC sensors and ISC signals in D3 Pro

Fixes/Changes from 41.01.001 to 41.01.003:

Added Support:

- **SystemBuilder and BOM Support:**
  ○ HTT-B2EX-BATT

- **D3 Pro and BOM Support:**
  ○ HTT-B2EX-BATT

Fixes/Changes from 41.00.002 to 41.01.001:

- Updated chvtstat_sked_v1_3.cmc to correct no driving source warning
- Updated Alarm Clock Processor v2.0.csh to address array out of bounds access warning
- Updated Dynamic Lists v1.0.2.csh and Dynamic Lists v1.0.3.csh to address descending menus with 5+ levels of heirarchy

Fixes/Changes from 40.05.014 to 41.00.002:

Added Support:

- Added Smart Graphics Media Player Support for C2N-TFM
- Updated ADMS-G2 Combined HW Interface v1.0.cmc to support Wake On Lan functionality

- **SystemBuilder and BOM Support:**
  ○ DIN-AP3
  ○ DIN-AP3MEX

- **D3 Pro and BOM Support:**
  ○ DIN-AP3
  ○ DIN-AP3MEX
  ○ GLPAC-DIMFLV

Fixes/Changes from 40.05.013 to 40.05.014:

- Several internal variables within a few SIMPL+ modules were renamed to avoid conflict with the new keyword "continue." All logic and functionality remains the same.

Fixes/Changes from 40.01.001 to 40.05.013:

Added Support:

- **SystemBuilder and BOM Support:**

  ○ INET-IOEX-IRCOMM
  ○ INET-IOEX-RYIO
  ○ Added AV_mute and online/offline status to Roomview Connected Display

- **D3 Pro and BOM Support:**
  ○ CLWI-KPLCN
  ○ INET-IOEX-IRCOMM
  ○ INET-IOEX-RYIO

Fixes/Changes from 40.00.008 to 40.01.001:

Added Support:

- **SystemBuilder and BOM Support:**
    - CCS-UC-CODEC-100

Fixes/Changes from 39.05.002 to 40.00.008:

- Updated Time and Date Module (TIMEDATE.cmc) to only be available for programming on 2-series
- Updated Dali_Scene_Queue.csp to prevent overwriting scenes when saving a new one

Added Support:

- **SystemBuilder and BOM Support:**
    - UFO-WPR-3ER
    - GLS-ODT-C-CN

- **D3 Pro and BOM Support:**
    - GLA-EXPEX
    - GLPP-DIMFLVEX-PM
    - GLPP-1DIMFLV2EX-PM
    - GLPP-1DIMFLV3EX-PM
    - GLPP-SWEX
    - GLPP-1SW2EX
    - GLPP-1SW3EX
    - GLS-ODT-C-CN

Fixes/Changes from 38.00.006 to 39.05.002:

- Updated XM tuner modules to better handle initialization after a system restart
- Updated Crestron Weather module to check for additional data received when viewing daily and hourly reports that would cause an overflow and display incorrect data
- Updated ATC-AudioNet non-touchable UI v1.0.cmc to allow removing of favorites
- Updated AMFM (CEN-TRACK) Preset Processor v1.csp to correct AMFM preset selection
- Updated LTG Shade.cmc to provide feedback for shades

Added Support:

- **SystemBuilder and BOM Support:**
    - HD-XSP

- **D3 Pro and BOM Support:**
    - GLS-OIR-CSM-EX-BATT

Fixes/Changes from 37.05.005 to 38.00.006:

Added Support:

- **SystemBuilder and BOM Support:**
    - DMPS-100-C
    - DMPS-200-C
    - DMPS-300-C
    - DMPS-300-C-AEC

- **D3 Pro and BOM Support:**
    - Add V12 and V15 support. D3 Pro 3.01.021 and D3 Pro Templates 2.02.020 are required
    - Updated D3 Pro module support for using DIN-DALI-2 firmware version 2.000.0002 or later.

- **IR Drivers:**
    - Comcast Xfinity XR2 Remote IR Driver

Fixes/Changes from 37.00.013 to 37.05.005:

- SIMPL Windows Support for DMPS-300-C-AEC. Requires Device Database 48.05.004

- **SystemBuilder and BOM Support:**
    - CLW-DIMEX-230-E
    - CLW-SWEX-230-E
    - CLW-SLVU-230-P
    - CLW-DIMEX-230-P
    - CLW-SWEX-230-P
    - CLW-SWEX-277-P
    - CLW-DIMEX-277-P
    - CSM-QMT50-DCEX
    - INET-CBDEX-230-E
    - INET-CBDEX-230-P
    - INET-CBDEX-277-P

- **D3 Pro and BOM Support:**
    - CLW-DIMEX-230-E
    - CLW-SWEX-230-E
    - CLW-SLVU-230-P
    - CLW-DIMEX-230-P
    - CLW-SWEX-230-P
    - CLW-SWEX-277-P
    - CLW-DIMEX-277-P
    - CLWI-1SW2EX
    - CLWI-DIMFLVEX
    - CLWI-DIMUEX
    - CLWI-KPLEX
    - CLWI-SWEX
    - CSM-QMT50-DCEX
    - INET-CBDEX-230-E
    - INET-CBDEX-230-P
    - INET-CBDEX-277-P

Fixes/Changes from 36.05.015.00 to 37.00.013:

Added Support:

- **SystemBuilder and BOM Support:**
    - ADMS-G2
    - ADMS Pandora
    - ADMS-G2 Pandora

- **D3 Pro and BOM Support:**
    - AV3
    - AV3 with Card Cage
    - CP3N
    - Pro3
    - TPCS-4SM
    - TPCS-4SMD

- **IR Drivers:**
    - AudioControl Concert AVR-4
    - AudioControl Maestro M4
    - Marantz UD5007
    - Sony XBR-84X900
    - Definitive Technology SoloCinema XTR
    - Denon DBT-1713UD

Fixes/Changes from 36.00.007.00 to 36.05.015.00:

- Updated ATC-AudioNet SystemBuilder Support. It requires Device Database 47.05.004
- Updated Crestron Weather module
- Updated GLPP modules
- Updated Engraver/Button programming in D3 Pro modules. It requires Device Database 47.05.004:
  - C2N-CBD-P-KP-ON-OFF
  - C2N-CBD-P-KP-SCENE
  - CLW-DIMEX-E
  - CLW-DIMEX-P
  - CLW-DIMSWEX-E
  - CLW-DIMSWEX-P
  - CLW-SWEX-E
  - CLW-SWEX-P
  - INET-CBDEX-E
  - INET-CBDEX-P
  - C2N-CB-TS
- Updated Security Device
  - GE NX- 587E

Added Support:

- **SystemBuilder and BOM Support:**
  - CLW-DELVEX
  - Pro3

- **D3 Pro and BOM Support:**
  - CLW-DELVEX

Fixes/Changes from 35.06.004.00 to 36.00.007.00:

- Updated Dynamic Lighting Preset.csp for 3-Series processors to fixed scene initialization issue that could cause scenes to not recall properly

- Updated Crestron Weather Modules:
  - Crestron Weather Processor V1.5

Added Support:

- **SystemBuilder and BOM Support:**
  - AV3
  - CP3N
  - TPCS-4SM
  - TPCS-4SMD

Fixes/Changes from 35.00.004.00 to 35.06.004:

- Updated D3 Pro Vacation Scheduler

Added Support:

- Core 3 Media Player Support

SystemBuilder Support:

- CSC-DRPEX
- CSC-DRPCN
- CSC-ACEX
- CSC-DCEX
- CSC-DCCN

- CSC-ACCN
- CSM-QMT50-DCCN

Streaming media devices:

- Apple_AppleTV
- Denon_DNP-720AE
- Grace_Digital_GDI-IRDT200
- Logitech_Squeezebox
- Marantz_NA7004
- NAD_C446
- Sony_SMP-N200
- WesternDigital WD TV Live

D3 Pro Support:

- C2N-CBD-P-KP-ON-OFF BOM
- C2N-CBD-P-KP-SCENE BOM

Fixes/Changes from 34.05.008.00 to 35.00.004.00 :

- Corrected an issue where lighting scenes would not save correctly

Added Support:

D3 Pro:

- CSA-*
- CSC-*
- CSM-*

IR Drivers:

- DirecTV H24
- DirecTV HR24
- Motorola RNG110
- Samsung UN55ES8000FXZA
- Sony STR-DA1800ES
- Yamaha YSP-5100

Fixes/Changes from 33.05.005.01 to 34.05.008.00 :

- Fixed Fusion issue where meeting truncate was not working properly.

Added Support:

- Updated DMPS-200-C and DMPS-300-C module to newest core logic from DMPS-100-C module.
- Updated DMPS-300-C module which brings compile time improvements.It requires Device Database 46.00.002 or later for a new symbol.

SystemBuilder:

- C2N-AMP-4x100

D3 Pro:

- C2N-CBD-P-KP-On-Off
- C2N-CBD-P-KP-Scene
- Crestron DIN-RAIL enclosures (DIN-EN-2x18, DIN-EN-3x18, DIN-EN-6x18)
- Updated program generation logic for non-dim loads
- Added 'Virtual Cabinet' to D3 Pro which allows the user to drop in any non- DIN-RAIL modules

- Added "Current Temperature" analog output the D3 Pro weather module

Fixes/Changes from 33.01.004.01 to 33.05.005.01:

Added Support:

SystemBuilder:

- SWE-8
- PMC3 OSD
- MC3 OSD

Fixes/Changes from 33.00.001 to 33.01.004.01:

Added Support:

- SIMPL Windows Support for DMPS-100-C

Fixes/Changes from 32.05.005 to 33.00.001:

- Addressed issue where setpoint will reset on a reboot for a TSTATRF Scheduling module when there are no schedules defined.

Added Support:

SystemBuilder and SystemBuilder BOM:

- CEN-ERFGW-POE

Fixes/Changes from 32.00.001 to 32.05.005:

Added Support:

- Added SIMPL Windows Support for DMPS-200-C

SystemBuilder BOM:

- DMPS-200-C

IP Modules:

- Denon AVR-4311CI IP
- Denon AVR-3311CI IP
- Denon AVR-3211CI IP
- Denon AVR-4310CI IP
- Denon AVR-5308CI IP
- Marantz SR7005 IP
- Pioneer VSX-50 IP
- Pioneer VSX-51 IP
- Pioneer VSX-52 IP
- Pioneer VSX-53 IP
- Pioneer VSX-1121 IP
- Pioneer SC-57 IP
- Pioneer SC-55 IP
- Pioneer VSX-1021 IP

Serial Modules:

- Bose Lifestyle T10
- Bose Lifestyle T20
- Bose Lifestyle 235

- Bose Lifestyle V25
- Bose Lifestyle V35
- Bose VideoWave
- Denon AVR-4311CI
- Denon AVR-3311CI
- Denon AVR-3211CI
- Denon AVR-4310CI
- Denon AVR-5308CI
- Marantz SR7005
- Pioneer VSX-50
- Pioneer VSX-51
- Pioneer VSX-52
- Pioneer VSX-53
- Pioneer VSX-1121
- Pioneer SC-57
- Pioneer SC-55

Fixes/Changes from 31.05.009 to 32.00.001:

Added Support:

- 2-series support for Core 3 UI XPanel Web Configuration module

Fixes/Changes from 31.00.005 to 31.05.009:

SystemBuilder Support:

- CEN-CI3-1
- CEN-CI3-3
- C3IR-8
- C3COM-3
- C3RY-8
- C3RY-16
- C3IO-16

D3 Pro Support:

- CEN-CI3-1
- CEN-CI3-3
- C3IR-8
- C3COM-3
- C3RY-8
- C3RY-16
- C3IO-16

Added Support:

IR Driver:

- Cyron HTW-1000

Serial Devices:

- Samsung LN series LCD TV's:
    - LN32D430
    - LN**D450
    - LN**D550
    - LN**D610
    - LN**D630

Samsung PN series plasma TV's:

- PN**D430
- PN**D440
- PN**D450
- PN**D490
- PN**D530
- PN**D550
- PN**D560
- PN**D645
- PN**D650
- PN**D700
- PN**D800

Samsung UN series LED TV's:

- UN**D600
- UN**D605
- UN**D630
- UN**D640
- UN**D642
- UN**D645
- UN**D650
- UN**D690
- UN**D700
- UN**D705
- UN**D790
- UN**D800
- UN75D950

IP Devices:

- Tivo Premiere
- Tivo Premiere XL
- Sharp LC-60LE847U
- Sharp LC-70LE847U
- Sharp LC-80LE844U
- Sharp LC-60LE745U
- Sharp LC-70LE745U
- Sony STR-DA3700ES
- Sony STR-DA5700ES

Fixes/Changes from 31.00.004 to current:

Fixed:

DMPS-300-C Module update

Fixes/Changes from 30.05.014.01 to current:

Added:

DMPS-300-C Module Updates

- Adds support for setting "System ID" (see DM PUF 2.40 notes) via front panel
- Note: to upgrade to new module, create a new program using module v1.1. Copy over logic from your existing program. DO NOT use "replace control system" command.
- Device Database 41.05.005 or later is required to use with this DMPS-300-C Crestron Database update

Fixes/Changes from 30.01.004 to current:

Fixed:

- Issue where the event scheduler is marked as not compatible with 2-series processor

Added:

- New modules for CEC Control via DigitalMedia Systems

IR Devices:

- Anthem AVM_50V
- Cisco IPN330HD
- Cisco IPN_4320
- Integra DTR-30.2
- Panasonic TC-L47WT50
- Rotel RCD-1520
- Rotel RSP-1572
- Rotel RSX-1560
- Samsung SMT-H3262
- Samsung SMT-H3272
- Scientific Atlanta Explorer 4250HD
- Sony VPL-VW1000ES

Security Devices:

- GE Concord 4
- GE Concord NX-587E
- Honeywell Vista-128BPT Turbo
- Honeywell Vista-250BPT Turbo
- Honeywell Vista-128BPTSIA Turbo

SystemBuilder:

- ATC-AudioNet Pandora support
- MLX-3 support
- SWAMPE-4 support

D3 Pro:

- Weather Support

Fixes/Changes from 30.01.000 to 30.01.004:

Added:

- Fusion 9.0 module support for SIMPL Windows

D3 Pro Support:

- DSC PowerSeries Security products

Fixes/Changes from 30.00.000 to 30.01.000:

Notes:
In the past, SIMPL Windows treated all of Crestron's "generic input" ports as the same. That is, it didn't distinguish between a Versiport and, say, the inputs on the PAC2M (which only accept a dry contact). The result was that tools like D3 Pro and SB would allow the user to place Crestron occupancy sensors onto ports that physically could not support them.

This change in this version of the Device Database should fix the problem, where now devices should be better matched to the input ports.

Crestron's occupancy sensors should now only be allowed to drop onto Versiports, or other ports designed specifically for them (e.g. the occupancy sensor inputs on the GLPAC).

Fixed:

Startup issue for the following:

- CEN-NVS100
- CEN-NVS200

The following devices are no longer permitted to be dropped on digital inputs:

- Generic Digital Input
- GLS-ODT-C-1000
- GLS-ODT-C-2000
- GLS-ODT-C-500
- GLS-ODT-W-1200
- GLS-OIR-C-1500
- GLS-OIR-C-450
- GLS-OIR-W-2500
- Generic Photocell 0-24V Digital Input

Note: For the above fixes, Device Database version 40.00.001 and up is required

Added

SystemBuilder Support

- CP3
- DM-RMC-200-S wrapper module
- DM-RMC-Scaler-S wrapper module

SystemBuilder BOMs

- CP3
- DM-RMC-200-S
- DM-RMC-Scaler-S

D3 Pro Support

- CP3

D3 Pro BOM

- CP3

Fixes/Changes from 29.05.000 to 30.00.000:

Fixes:

- Fixed Issue where Infinet EX Dimmers do not allow 0% Min Dim Level
- DMPS module fix for full connection logic- for CDS

Updated IR Driver:

- Updated Sony STR-DA-5700ES IR driver

Added the following Prodigy Compliant devices:

- Bose Lifestyle 235
- Denon AVR-1612
- Denon AVR-1912

- Denon AVR-2112CI
- LG BX580
- Mitsubishi LT 416164
- Mitsubishi LT 55265
- Onkyo TX-NR609
- Onkyo TX-NR809
- Onkyo TX-NR3009
- Pioneer SC Series
- Pioneer SC-55
- Pioneer SC-57
- Pioneer VSX-51
- Scientific Atlanta Explorer 4240C
- Scientific Atlanta Explorer 8300HDC
- Sony KDL-40XBR7
- Sony XBR-46HX909
- Sony STR-DA4600ES
- Sony STR-DH Series
- Sony STR-DH520
- Sony STR-DH720
- Sony STR-DH820
- Sony STR-DN1020
- Yamaha RX-A710
- Yamaha RX-A810
- Yamaha RX-A1010
- Yamaha RX-V Series
- Yamaha RX-V371
- Yamaha RX-V471
- Yamaha RX-V571
- Yamaha RX-V671
- Yamaha RX-V871

Fixes/Changes from 29.02.000 to current:

Fixes

- Updated Infinet-EX modules to fix parameter setting issues in D3 Pro and SystemBuilder

Added the following devices for use in Prodigy Systems:

- Generic analog input
- Generic digital input
- Generic relay controlled device
- Generic serially controlled device

Updates made to the following IR Devices:

- Panasonic DMP-BDT110
- Panasonic DMP-BDT300
- Sharp BD-HP70
- Motorola DCX3400
- Samsung PN51D8000
- Sony BDP-CX7000ES
- Sony BDP-S1700ES
- Sony KDL-40EX500
- Sony KDL-46EX500
- Sony KDL-46NX810
- Sony VPL-HW30AES
- Sony VPL-VW95ES

Added the following IR Devices:

- Cisco Explorer 8640HDC
- Epson Powerlite 8700UB
- Epson Powerlite 9700UB
- Epson Powerlite 3010
- JVC DLA-HD250
- JVC DLA-X30
- JVC XV-N370
- LG 42LK450
- LG 42LK520
- LG 42PT350
- LG 47LW6500
- LG 50PZ950
- LG BD650
- LG BD690
- Magnavox NB500MG1F
- NAD T567
- Panasonic DMP-BD75
- Panasonic DMP-BDT210
- Panasonic TC-P42ST30
- Panasonic TC-P42X3
- Panasonic TC-P46S30
- Panasonic TC-P46X3
- Panasonic TC-P50GT30
- Panasonic TC-P50X3
- Pioneer BDP-41FD
- Pioneer BDP-43FD
- Samsung LN40D550
- Samsung LN46D550
- Samsung PN51D450
- Samsung PN51D490
- Samsung PN51D530
- Samsung PN51D540
- Samsung PN51D550
- Samsung PN64D8000
- Samsung UN22D5000
- Samsung UN40D5500
- Samsung UN46D6300
- Samsung UN46D6500
- Samsung UN46D7000
- Sharp BD-P75U
- Sharp LC70LE632U
- Sharp LC70LE734U
- Sharp LC80LE632U
- Sony BDP-S580
- Sony BDP-S780
- Sony KDL-32BX320
- Sony KDL-32BX420
- Sony KDL-32EX523
- Sony KDL-32EX720
- Sony KDL-40BX420
- Sony KDL-40EX720
- Sony KDL-46EX720
- Sony KDL-46HX729
- Sony KDL-46HX820
- SunBriteTV SB-3220HD
- SunBriteTV SB-4610HD

- Toshiba 32SL415U
- Toshiba 40E21U
- Toshiba 46G310U
- Toshiba 46SL417U
- Toshiba 55G310U
- Toshiba BDX2150
- Toshiba BDX5200
- Yamaha BD-A1010
- Yamaha BD-S671
- NAD T 748
- NAD T 757

D3 Pro Support:

- Prior to installing Crestron Database v29.02.102, please be sure to delete any existing template data stored in C: Files (C: Files (x86) for 64-bit Windows systems)
- Crestron Mobile Pro for Tablet

Fixes/Changes from 29.01.000 to current:

Fixes

- Fixed Infinet-EX Dimmer/Switch parameter issues in SB/D3

Prodigy Composer support:
TV/Projector Lifts:

- Nexus 21 Nexus 21
- Lift Tech Lift-Tech 2
- (Generic) Relay-Controlled Lift
- Lift Tech TV Lift-Lift Tech
- Lift Tech Lift-Tech 1

Screens:

- Draper Device remote
- DaLite SCB-100
- Vutec Screen2
- Draper Profile
- Draper Sonata
- DaLite Dual Masking Screen
- Vutec Screen
- (Generic) Relay-Controlled Screen
- Draper Generic IRT
- Somfy Horizontal Masking

Prodigy Compliant IR devices:

- Elite PRO-70X5FD
- Oppo BDP-93
- Pioneer VSX-1021
- Sony VPL-VW95ES

Fixes/Changes from 29.00.000 to 29.01.000:

- Added Core 3 XPanel Web Configuration Module
- Updated Knob Acceleration (Pkt).csp for 3-Series compatibility

SystemBuilder Support

- TPMC-3SMD
- Updated the list of Generic devices available in Prodigy Composer

D3 Pro Support

- CLF-LDIMUEX
- TPMC-3SMD

Added Prodigy Compliant devices

- Denon_AVR-3312CI.ir
- Sony_BDP-CX7000ES.ir
- Samsung_UN46D8000.ir
- Samsung_UN55D7000.ir
- Sony_BDP-S480.ir
- Yamaha_BD-S2900.ir
- Yamaha_RX-A3000.ir
- Yamaha_RX-A3010.ir
- VIZIO_XVT_Series.ir

BOM Support

- CLF-LDIMUEX
- TPMC-3SMD
- SAT-70V/100V- 2
- SAT-70V/100V- 4

Fixes/Changes from 28.05.017 to 29.00.000:

- Mitsubishi XD250U IR Driver, where the driver was not powering the projector on or off

D3 Pro Support

- GLPP-SWCN
- GLPP-1SW2CN
- GLPP-1SW3CN
- GLPP-DIMFLVCN-PM
- GLPP-1DIMFLV2CN-PM
- GLPP-1DIMFLV3CN-PM

SystemBuilder Support

- GLPP-SWCN
- GLPP-1SW2CN
- GLPP-1SW3CN
- GLPP-DIMFLVCN-PM
- GLPP-1DIMFLV2CN-PM
- GLPP-1DIMFLV3CN-PM

IR Device Updates

- Onkyo TX-NR Series
- Denon AVR-4311CI

IR Devices Added

- Hitachi UT 37X902
- LG BD 500 Series
- LG BD 530
- Philips PFL360 3D/F7
- Toshiba 32SL400U

- Vizio XVT3D424SV

BOM Support

- GLPP-SWCN
- GLPP-1SW2CN
- GLPP-1SW3CN
- GLPP-DIMFLVCN-PM
- GLPP-1DIMFLV2CN-PM
- GLPP-1DIMFLV3CN-PM

Fixes/Changes from 28.05.000 to 28.05.017:

- Fixed DM-MD6x1 SystemBuilder module such that all signals now connect properly
- Added SystemBuilder and SIMPL Windows support for DSC PowerSeries Security products

D3 Pro Support:

- CLC-1DIMFLV2EX-24V
- TPMC-4SM-FD and TPMC-4SMD-FD touch screens

SystemBuilder Support:

- Alarm Clock Modules
- C2N-TAMFMXM supported on all current user interfaces except APAD and AES/AMS/AMS-AIP front panels
- C2N-AMP-4x100
- CLC-1DIMFLV2EX-24V
- DM-MD 6x4 Wrapper Module
- DM-MD 6x6 Wrapper Module
- DM-TX-200-C-2G Wrapper Module
- DMCO Wrapper Modules available as an output card
- TPMC-4SM-FD and TPMC-4SMD-FD touch screens
- Receiver UI Modules
- Added support for DGE-2_V12 and DGE-2_V15, both Ethernet and Cresnet versions
- Added support for Crestron Mobile Pro for Phones and Crestron Mobile Pro for Tablets
- Crestron Mobile Pro and Crestron Mobile Pro G, current and (Old) versions, have been removed o They will continue to load and work in existing systems o They can be replaced, if desired, with the new �for Phones� and �For Tablets� touch screens

Prodigy Certified IR Devices:

- Apple Apple TV
- Denon AVR-4311CI
- Denon AVR 11 Series
- DirecTV HR24
- Fujitsu P50XTA51UB
- Integra DTR xx.2 Series
- Integra DTR xx.1 Series
- Integra DBS xx.2 Series
- JVC DLA-RS50
- LG 42 LH40
- Marantz SR Series
- Marantz SR7005
- Marantz UD Series
- Marantz UD5005
- Marantz UD7006
- Marantz UD9004
- Motorola DCH3416

- Motorola QIP7232
- Onkyo BD Series
- Onkyo BD-SP808
- Onkyo DV-SP406
- Onkyo TX-NR Series
- Onkyo TX-NR709
- Onkyo TX-NR1009
- Panasonic DMP-BDT110
- Panasonic DMP-BDT300
- Panasonic TC-P55VT30
- Panasonic VT Series
- Panasonic VSX Series
- Panasonic VSX-52
- Roku XS
- Samsung PN51D8000
- Samsung UN Series
- Samsung PN Series
- Samsung LN Series
- Samsung BD D7500
- Samsung BD Series
- Scientific Atlanta Explorer 8300HD
- Sharp XV-Z17000
- Sharp BD-HP70
- Sony BDP-S17000ES
- Sony VPL-HW30AES
- Sony XBR7 Series
- Sony STR-DA5700ES
- Tivo Premiere

BOM support:

- C2N-TAMFMXM
- C2N-AMP4x100
- CHV-TSTATEX- FCU
- DM-MD6x6
- DM-MD6x4
- DM-TX-200-C-2G
- DMCO-00
- DMCO-10
- DMCO-11
- DMCO-12
- DMCO-13
- DMCO-15
- DMCO-20
- DMCO-21
- DMCO-22
- DMCO-23
- DMCO-30
- DMCO-33
- DMCO-35
- DMCO-40
- DMCO-43
- DMCO-44
- DMCO-45
- DMCO-50
- DMCO-51
- DMCO-53
- DMCO-54

- DMCO-55
- DMCO-60
- DMCO-63
- DMCO-64
- DMCO-65
- DMCO-66
- TPMC-4SM-FD
- TPMC-4SMD-FD

Fixes/Changes from 28.00.000 to 28.05.000:

- Added SIMPL Windows Support for DMPS-300-C
- Fixed a bug for the AMS that would sometimes cause the HDMI to turn on after turning off the room

SystemBuilder Support:

- CHV-TSTATEX-FCU
- P-TSTATEX-FCU

D3 Pro Support:

- CHV-TSTATEX-FCU

Fixes/Changes from 27.05.000 to 28.00.000:

SystemBuilder Support

- Added support to work with updates to the weather service provider data server
- Added support for English and Metric units in the weather summary descriptions

DM Wrapper Module support:

- DMC-S2
- DMC-S2-DSP
- DMC-S2O-HD
- DMCI-DMC-S2
- DMCI-DMC-S2-DSP
- DM-RMC-SCALER-C
- CHV-TSTATEX
- P-TSTATEX

BOM support:

- CHV-TSTATEX
- P-TSTATEX
- DMC-S2
- DMC-S2-DSP
- DMCI-DMC-S2
- DMCI-DMC-S2-DSP
- DM-RMC-SCALER-C
- BBI-9L

IR File updates for all IR Drivers Add new I2P Aspen Modules Added ADMS support to the PLX3

Fixes/Changes from 27.00.000 to 27.05.000:

SystemBuilder Support

- CEN-RGBHVHB16x16

- DGE-2
- TPMC-8X-GA
- V24-C

BOM Support

- CEN-RGBHVHB16x16
- DGE-2
- TPMC-8X-GA
- V24-C

Fixes/Changes from 26.05.000 to 27.00.000:

Updated IR Drivers -- Boxlight MP65E -- Boxlight X Series -- JVC DVD -- Onkyo Surround Sound AV Receivers --- DR-MV150 --- TX-DS494 --- TX-SR573 --- TX-SR600 --- TX-SR603X --- TX-SR700 -- Samsung HT-BD1250 (BD) -- Samsung HT-BD1250 (TV) -- Sharp Aquos -- Sony VPL-EX3 -- Sony VPL-FX30 (Mode 1) -- Sony VPL-FX30 (Mode 2) -- Sony VPL-VW85 -- Xbox 360 -- Yamaha RX-V667 -- Zinwell ZDX-7000

Module Updates

- Module Update -- Crestron Name Resolution Interface v1_0_2

SystemBuilder

- Added Support for: -- PLX3
- Added BOM entries for: -- CEN-RGBHVHB8x4 -- CEN-RGBHVHB8x8 -- CEN-RGBHVHB12x4 -- CEN-RGBHVHB 12x8 -- PLX3 -- PT-AMFM -- IDOC-PAD-DS -- IDOC-PAD-DSW -- CLCI-DIMUEX-W -- CLCI-1SW2EX-W -- CLCI-1DIMFLV2EX-W

Fixes/Changes from 26.00.000 to 26.05.000:

Blu-ray Device Updates:

- Integra DBS-30.1
- Integra DBS-6.9
- LG BD-300
- LG BH100
- LG BH200
- LG BD-390
- LG BD550
- LG BD570
- LG BD590
- LG BX580
- LG LHB953
- LG LHB977
- LG LG BH200
- LG BH-100
- LG BH-200
- Marantz BD5004
- Marantz BD7003
- Marantz BD7004
- Marantz BD8002
- Marantz BD7003
- Onkyo DV-BD606
- Onkyo DV-BD606
- Oppo BDP-83
- Panasonic DMP-BD30K
- Panasonic DMP-BD70
- Pioneer BDP Series

- Pioneer BDP-95FD
- Samsung BD-P1000
- Samsung BD-P1400 1TD
- Samsung BD-P1200
- Samsung BD-P1500
- Samsung BD-UP5000
- Sharp BDP-52
- Sharp BD-HP20U
- Sharp BD-HP20S
- Sharp BD-HP20U
- Sharp BD-HP50U
- Sony BDP-BX1
- Sony BDP-BX2
- Sony BDP-N460
- Sony BDP-S1
- Sony BDP-S1000ES
- Sony BDP-S2000ES
- Sony BDP-S300
- Sony BDP-S301
- Sony BDP-S350
- Sony BDP-S360
- Sony BDP-S500
- Sony BDP-S5000ES
- Sony BDP-S550
- Sony BDP-S560
- Sony BDP-CX7000ES
- Sony BDP-CX960
- Sony BDP-S7000ES
- Sony BDV-E300
- Sony BDV-E500W
- Sony BDV-T10
- Sony HCD-E300
- Sony HCD-T10
- Sony BDPS1
- Sony BDP-x series
- Sony Playstation 3
- Yamaha BD-S2900

Updated IR drivers:

- DishNetwork
- Motorola
- Scientific Atlanta
- TiVo DVRs Apple TV (latest generation)

SystemBuilder support added for:

- CEN-RGBHVGB8X4
- CEN-RGBHVGB8X8
- CEN-RGBHVHB12x4
- PT-AMFM

Fixes/Changes from 25.05.000 to 26.00.000:

SystemBuilder:

- Added support for CEN-RGBHVHB12x8, DIN-4DIMFLV4, and DIN-2MC2
- Fixed RoomView Connected Display Module

- Added BOM Entries for PLX-3, TPS-6X-DS, TPS-6X-DSC, TPS-6X-LP, PT-AMFM, Ipad Dock, IDOC-PAD-DS, IDOC-PAD-DSW, CEN-RGBHVGB8X4, CEN-RGBHVGB8X8, CEN-RGBHVHB12x8
- Added support for NVS200, PLX-3

D3 Pro:

- Added BOM Entries for CEN-RFGW-EX
- Added support for CNX-RMC

Fixes/Changes from 25.00.000 to 25.05.000:

SystemBuilder:

- Added support for Crestron Weather
- Fixed APAD support for 3rd party devices in Adagio systems

Fixes/Changes from 24.05.000 to 25.00.000:

SystemBuilder:

- Added BOM Entries for CLCI-DIMUEX-W, CLCI-1DIMFLV2EX-W, and CLCI-1SW2EX-W
- Added BOM entries for P-KPLEX, PMC3, PMC3-XP, MC3, C2N-CB-E, C2N-CB-P, C2N-CP-TS, CEN-WIN, TPMC-9L, and INET-CBDEX
- Added BOM Entries for DM-RMC-200-C, HD-Scaler, DM-RMC-150-S, and CEN-NVS200
- Added CLCI SB Support
- Added support for ADMS in Prodigy systems
- Added support for the CLCI in Prodigy
- Added support for P-CBDCN, P-CBDEX, P-KPLEX, INET-CBDEX-E, INET-CBDEX-P, C2N-CBD-E, C2N-CBD-P, C2N-CBF-P, C2N-CB-TS
- Added support for Prodigy Multicast device
- Added support for MC3, PMC3, and PMC3-XP control systems
- Added support for My Crestron
- Added support for TPMC-V15 and TPMC-V12
- Added support for TPMC-9L
- Added support for CEN-NVS200, DM-RMC-150-S, and DM-RMC-200-C
- Added support for Sonnex systems (SWAMP (Cresnet/Ethernet), SWAMPE-8)
- Added support for iPhone/iPod Touch and iPad native symbols (requires 4.003 CUZ): -- Crestron Mobile Pro (CUZ 4.003), Crestron Mobile Pro G (CUZ 4.003)
- Improved support for ATC-AUDIONET as a card in the CEN-TRACK and Adagio systems
- Enhanced support for PSPHD and ATC-AUDIONET
- Enhanced ADMS Support
- Updated I2P Modules

D3 Pro:

- Added support for INET-CBDEX-E, INET-CBDEX-P, C2N-CBD-E, C2N-CBD-P, C2N-CBF-P
- Added BOM Entries for CLCI-DIMUEX-W, CLCI-1DIMFLV2EX-W, and CLCI-1SW2EX-W
- Added support for MC3 control system
- Added CLCI D3 Pro support for D3 version later than 3.0
- Correctly sets the max travel time for C2N-SDC-2 and C2N-SDC-DC shade controllers

Fixes/Changes from 23.05.000 to 24.05.000:

SystemBuilder

- Added support for ATC-AMFMXMD
- Added BOM entries for ATC-AMFMXMD
- Updated Multizone Lighting Modules

Fixes/Changes from 23.00.000 to 23.05.000:

SystemBuilder

- Added support for TPMC-9, CEN-CX7000ES, Sony BDP-CX7000ES, DM-RMC-100-S, DMCI-DMC-S, DM-TX-201-S, DMC-S, DMC-SO-HD (DMC0-44), DMCI-DMC-S, DM-MD8x8 with RPS, DMCI-DMC-S-DSP, DMC-S-DSP, DMCO-00, DMCO-40, DMCO-43, DMCO-44, DMCO-45, DMCO-51, DMCO-53, DMCO-54, and DM-MD16x16-RPS
- Fixed a bug causing initial missing source icons in the Audio Room source list after a reboot.

Fixes/Changes from 22.05.000 to 23.00.000:

SystemBuilder

- Added BOM entries for SonyBluRayChanger, DM-MD32x32-RPS and ATC-AudioNet
- Added support for DM-MD32x32-RPS, TPMC-4SMD and ATC-AudioNet
- Added I2P IR Files
- Fixed issue where CLW-DIMEX/DIMSWEX feedback signals are not connecting properly in SB

Fixes/Changes from 22.01.000 to 22.05.000:

SystemBuilder

- Added BOM entries for TPMC-V12, TPMC-V15, MMK-G1-CBF-T, TPMC-4SMD, MTX-3, TPMC-9 and HD-DA-2
- Added support for MTX-3, DM-TX-201-C, DMC-FO, DMC-C-DSP, DMCI-DMC-C-DSP, DMCI-DMC-C, DMC-CO-HD, DMC-C and DM-RMC-100-C

D3 Pro

- Added additional DIN rail enclosures for D3 Pro versions later than 2.9
- Added BOM entries for GLPAC-DIMFLV8, GLPAC-DIMFLV8-PM, GLPAC-DIMFLV4 and GLPAC-DIMFLV4-PM

Fixes/Changes from 22.00.000 to 22.01.000:

SIMPL

- For AMS touch panels, when navigating the ADMS on-screen display theater source selection list, after selecting a source that contains a video output, the touch panel will page flip to the source control page of the new source.
- Fixed some timing issues when triggering interrupts for the AES, AADS, AADS-XM, AMS, AMS-AIP, and AAE for additional Adagio rooms.

SystemBuilder

- Added BOM entries for ANT-EXT-5 & ANT-EXT-10
- Added BOM entries for DMCI-DMC-HD, DMCI-DMC-HD-DSP, DMCI-DMC-VID-BNC, DMCI-DMC-VID-RCA-D, DMCI-DMC-VID-RCA-A, DMCI-DMC-VID4, DMCI-DMC-F, DMCI-DMC-F-DSP, DMCI-DMC-CAT-DSP & DMCI-DMC-CAT
- Added support for P-CBI and P-CBI-Wired
- Added BOM entries for P-CBI & P-CBI-Wired
- Fixed some timing issues when triggering interrupts for the AES, AADS, AADS-XM, AMS, AMS-AIP, and AAE for additional Adagio rooms.
- For AMS touch panels, when navigating the ADMS on-screen display theater source selection list, after selecting a source that contains a video output, the touch panel will page flip to the source control page of the new source.

Fixes/Changes from 21.05.000 to 22.00.000:

D3 Pro

- Added InfinetEX support for D3 Pro version later than 2.8

SystemBuilder

- Added support for iPad and QM-AE1
- Added Roomview Connected Display module
- Added support for DMCI-DMC-SDI, DMCI-DMC-F-DSP, DMCI-DMC-F, DMC-SDI, DMCI-DMC-CAT, and DMCI-DMC-CAT-DSP
- Added BOM Entries for DMCI-DMC-SDI, DMC-SDI, and P-CBDEX
- Removed ability for SystemBuilder to set PSPHD source names at design time

SIMPL

- Added Roomview Connected Display Module

Fixes/Changes from 21.04.000 to 21.05.000:

D3 Pro

- Added support for DGE-1_V12 & DGE-1_V15

SIMPL

- Fixed an AES, AADS, and AADS-XM bug that prevented audio from being heard if an audio source interrupt was triggered when all the rooms were off
- Added support for DM-MD32x32

SystemBuilder

- Fixed an AES, AADS, and AADS-XM bug that prevented audio from being heard if an audio source interrupt was triggered when all the rooms were off
- Added BOM entries for PROAMP-7x250, PROAMP-7x400, & PAMPI-4X100
- Added support for DGE-1_V12 & DGE-1_V15
- Added support for PT-AMFMXM, PROAMP-7x250, PROAMP-7x400, & Sequel Technologies
- Added Prodigy support for C2N-UNI8IO
- Added new I2P IR Files
- Fixed a TPS-4L, Crestron Mobile Pro, TPS-6, TPS-6L, TPS-6X, TPMC-4X, TPMC-4XG, XPanel for Mac, and TPMC-3X bug where extra lines were being generated on list control

Fixes/Changes from 21.03.000 to 21.04.000:

SystemBuilder

- Updated modules for AMS, AADS, AADS-XM, AES, & AMS-AIP
- Added Prodigy support for DIN-8SW8-I & DIN-1DIM4
- Added support for ADMS, P-SWEX, P-DIMEX, P-LSWEX, P-DIMEX, & P-LDIMEX
- Added support for CLW-SWEX, CLW-DIMEX, CLW-LSWEX, CLW-DIMEX, & CLW-LDIMEX
- Added support for TPMC-4SM, PSPHD, & TPMC-4SM
- Added BOM entries for P-SWEX, P-DIMEX, P-LSWEX, P-DIMEX, C2N-UNI8IO, CNX-B, PTX-3 & P-LDIMEX
- Updated module for Prodigy Cameo Keypad
- Fixed a bug causing flickering pages when page flipping between ADMS zones
- Added Preset Image Libraries for Dish Network and DirectTV

D3 Pro

- Added BOM entries for C2N-UNI8IO & CNX-B

SIMPL

- Added support for ADMS

Fixes/Changes from 21.02.000 to 21.02.018:

Please keep in mind that in order to use the new device PAMP-4X100 you will also need to install Device Database version 26.00.005.

SystemBuilder

- Added I2P IR drivers
- Added support for HD-DA-2 QUAD, QM-DA-2 & DIN-1DIM4
- Added support for additional Prodigy devices including the PAMP-4X100
- Added BOM entries for TPMC-4SM, TPS-6, TPS-6XNL, DIN-8SW8-I, QM-DA-2, DGE-M1, DIN-1DIM4 & PSPHD
- Added support for DM-MD16x16, DM-MD8x8, DM-RMC-100, DM-RMC-100-F, DM-TX-100, DM-TX-100-F, & DM-TX-200
- Added support for DMC-CAT, DMC-CAT-DSP, DMC-DVI, DMC-F, DMC-F-DSP, DMC-HD, & DMC-HD-DSP
- Added support for DMC-VID-BNC, DMC-VID-RCA-A, DMC-VID-RCA-D, DMC-VID4, DMCI-DMC-DVI, DMCI-DMC-HD, & DMCI-DMC-HD-DSP
- Added support for DMCI-DMC-VID-BNC, DMCI-DMC-VID-RCA-A, DMCI-DMC-VID-RCA-D, & DMCI-DMC-VID4
- Added support for DMCO-10, DMCO-11, DMCO-12, DMCO-13, DMCO-20, DMCO-21, DMCO-22, DMCO-23, DMCO-30, & DMCO-33

D3 Pro

- Added support for DIN-8SW8-I & DIN-1DIM4
- Added BOM entries for InfinetEX, DIN-8SW8-I, & DIN-1DIM4
- Added support for C2N-UNI8IO

Fixes/Changes from 21.00.000 to 21.00.006:

SystemBuilder

- Added support for QM-DA
- Added BOM entries for HD-TX1(RX1)-F, MP-AMP30, RF-KBD & MPC-M50
- Added support for TPMC-3X
- Allowed more video types to be switched by MPS systems

Fixes/Changes from 20.09.000 to 20.09.003:

Simpl Windows

- Updated Crestron Mobile Pro Modules
- Added Roomview Support for PMC2

SystemBuilder

- Added Support for MPC-M5
- Added BOM Support for MPC-M5
- Updated Crestron Mobile Pro Modules
- Added Roomview Support for PMC2

Fixes/Changes from 20.08.001 to 20.08.004:

Simpl Windows

- MLX2's Hard Buttons will now always control the last selected source
- MLX2 Bug Fixes

SystemBuilder

- MLX2's Hard Buttons will now always control the last selected source
- MLX2 Bug Fixes

Fixes/Changes from 20.07.001 to 20.07.012:

Simpl Windows

- AAS Module for the TPMC-3X

SystemBuilder

- BOM data for the TPMC-3X
- BOM data for the CEN-IDOCV-DSW
- BOM data for the GLXDIM6
- Support for QMWCC1
- Updated Crestron Mobile Pro Module

Fixes/Changes from 20.06.001 to 20.06.049:

SIMPL Windows

- Added I2P Modules
- MPS-200 protected Simpl module updated to support connection to DM 6X1

SystemBuilder

- Updated all Thermostat Modules to Support TPMC-3X Templates
- Added I2P Modules

Fixes/Changes from 20.04.006 to 20.05.016:

SIMPL Windows

- Added I2P modules
- Added MLX-2 Support
- Fixed a bug for Adagio control systems that could possibly allow the maximum volume for the theater and other rooms to get set to 0%
- Fixed NVS100 Speed Control Issue

SystemBuilder

- Fixed AMFM Interface Bug
- Added I2P modules
- Added MLX-2 Support
- Added CEN-UPS Support
- Fixed a bug for Adagio control systems that could possibly allow the maximum volume for the theater and other rooms to get set to 0%.
- Fixed NVS100 Speed Control Issue
- Added SB Support for GLS Occupancy Sensors
- Updated APAD template for SB for all the Thermostats (TSTAT/THSTAT/TSTAT-RF).
- Updated TSTAT w/5-2 Scheduler and THSTAT w/5-2 Scheduler modules to fix setpoint oscillation issue where there are cases when Increasing or decreasing the setpoint quickly would cause an oscillation.

- Added TPMC-12 (Cresnet/Ethernet) Support
- Added CEN-IDOCV Support
- Added QM-WCC-1
- Added MP Button Panel
- Added GLS-SIM Support
- Added GLS Occupancy Sensors Support

D3 Pro

- Added GLS Occupancy Sensors Support
- Added GLS-SIM Support

Fixes/Changes from 20.03.009 to 20.04.006:

SystemBuilder

- BOM Data for TPS-6X-B-T
- Added support for CEN-ISERVER

SIMPL Windows

- Fixed bug in APAD module for the CEN-ISERVER
- Updated NVS100 modules

Fixes/Changes from 20.02.013 to 20.03.009:

D3 Pro

- Added 4x24 DIN Cabinet

SIMPL Windows

- Added I2P modules

SystemBuilder

- Added I2P modules

Fixes/Changes from 20.01.008 to 20.02.013:

SystemBuilder

- Added DVR DSS Cable IR Drivers
- Added I2P Modules
- Added CEN-NVS100 Modules

SIMPL Windows

- APAD support for the CEN-ISERVER

Fixes/Changes from 20.00.015 to 20.01.008:

SystemBuilder

- Added data for use by SystemBuilder Remote System Definition (RSD) devices
- Added new "Room X Visible" parameters for AMS and AMS-AIP room UI modules
- Added new System device module
- Added support to restrict control systems based on application and version (minimum/maximum)
- Added I2P modules

- BOM data for new Cameo colors
- Initial release for QM-WCC-2 and QM-WCC-VCC

SIMPL Windows

- Added I2P modules

D3 Pro

- Added support to restrict control systems based on application and version (minimum/maximum)

Fixes/Changes from 20.00.010 to 20.00.015:

D3 Pro

- "Unable to connect all signals" warning will be produced at build-time if Device Database 20.01.002 or later is not installed. The generated program will still function correctly, but the new tstatrf features(min firmware v1.005.00) will be inaccessible.
- Updated module TSTATRF Scheduler (5-2 program) v1.4.csp which fixes issue that scheduler never enters into Celsius or Fahrenheit mode and reports 32 as temperature.

SystemBuilder

- Prepared for the removal of the following template pages:
  - Arrakis
  - C-Band Satellite
  - CD Changer Custom 1
  - Digital Jukebox
  - Dual Cassette
  - Dual-Deck VCR
  - Laser Disc Changer
  - Laser Disc
  - Slide Projector
  - Streaming Content
  - TV Tuner with DVR
- Optimized MPS Front Panel Interface modules
- Updated the following modules with standard commands:
  - XM (CEN-TRACK) Hardware Interface v1.cmc
  - SIRIUS (CEN-TRACK) Hardware Interface v1.cmc
  - AMFM (CEN-TRACK) Hardware Interface v1.cmc
  - AMFM2 (CEN-TRACK) Hardware Interface v1.cmc
  - Crestron C2N-TXM Hardware Interface v2.0.cmc
  - CEN-IDOC Hardware Interface v2.0.cmc
  - AAS Hardware Interface v1.3.cmc
  - Sirius Hardware Interface v2.0.cmc
  - XM Hardware Interface v2.0.cmc
- Created new version of existing APAD module from cnhtpi22.cmc to cnhtpi23.cmc
- "Unable to connect all signals" warning will be produced at build-time if Device Database 20.01.002 or later is not installed. The generated program will still function correctly, but the new tstatrf features(min firmware v1.005.00) will be inaccessible.
- Made changes to APAD IDoc GUI Interface (Non-Adagio) v1_0.cmc to fix issue with "not connected message" failing to show up on the APAD when the IDOC was not connected.
- Updated module TSTATRF Scheduler (5-2 program) v1.4.csp which fixes issue that scheduler never enters into Celsius or Fahrenheit mode and reports 32 as temperature.

SIMPL Windows

Fixes/Changes from 20.00.001 to 20.00.010:

D3 Pro

- New Device Support
    - DIN-RAIL
    - CLS-C6RF
- Update to TSTATRF modules (added Auto Mode support)

SystemBuilder

- New Device Support
    - DIN-RAIL
    - CLS-C6RF
- Added new version of module C2N-VEQ4 4ch with 10 band EQ v1.2.cmc which resolves the issue at program reset with the mute turning on when previously off.
- Added full support for MPC.
- Adjusted default template page assignments for some devices
- Added some new standard commands
- Modified MPS-100/200 modules for 4.0 cuz
- Updated MPC-M10/M20/M25 modules
- Added preview images for new interfaces
- Updated the following modules:
    - AMFM Hardware Interface v2.1.cmc
    - AMFM2 Hardware Interface v2.1.cmc
    - AMFM (CEN-TRACK) Hardware Interface v1.cmc
    - AMFM2 (CEN-TRACK) Hardware Interface v1.cmc
- Update to TSTATRF modules (added Auto Mode support)

SIMPL Windows

- Module support for MPC-M25
- Modified MPS-100/200 modules for 4.0 cuz
- Updated MPC-M10/M20/M25 modules
- Update to TSTATRF modules (added Auto Mode support)

Fixes/Changes to 20.00.001:

- Initial Crestron Database release without PanelDef

Prior Crestron Database Release Notes

Version 19.09

- Added MPC support for SystemBuilder
- Recategorized Adagio modules into categories per processor (AMS/AMS-AIP/AES/AADS/AADS-XM)
- Added database entries for MPC control systems (MPC-M25, MPC-M20, MPC-M10)
- Added database modules for MPC-M25 control system and front panel buttons
- Makes it simpler to program display warm up and cool down times in SystemBuilder for AMS and AMS-AIP systems
- Added Policy Server module for Adobe e-Control interface

Version 19.08

- APAD AAS (Simple Browse Context) GUI Interface (Non-Adagio) v1.0.cmc - correction for "no driving source" warnings during program generation
- Fixed a problem with SystemBuilder synchronization not working correctly for Device ID, Source ID, and Net ID fields in AMS and AMS-AIP systems
- Fixed a logic wave overflow problem when generating AMS-AIP systems with more than 21 rooms
- Re-categorize the Symbol Tree for AMFM/SIRIUS/XM (CEN-TRACK) Hardware Interface to show up in

"Tuners" instead of "Adagio"
- Re-categorize the Symbol Tree for the Touch Panel (CEN-TRACK) Tuner GUI/Hardware Interface, APAD (CEN-TRACK) Tuner GUI/Hardware Interface and SystemControls modules to be set to "0" or hidden since it is only used in SystemBuilder
- For SystemBuilder, "Enable_Browsing" is enabled by default on startup in the Touch Panel (CEN-TRACK) Tuner GUI Interface and APAD (CEN-TRACK) GUI Interface modules
- Fixed issues with SideShow support for On-Screen Display and Adagio Front Panels in SystemBuilder
- Added full support for TPMC-4XG

Version 19.07

- Added support for MPC and MPS-250

Version 19.06

- Added Generic Analog Input (analog_input_x1.cmc)
- Added Generic Digital Output (dig_output_x1.cmc)
- Added Photocell Sensor (photocell_analog_v1_1.cmc)
- Added support for TPMC-4XG within PanelDef
- Added support for DVPHD firmware version 3.001.0027
- Added support for Crestron SideShow
- Release D-NAV object for TPMC-8X, TPMC-8L, TPS-12, TPS-15, TPS-17, TPS-12G-QM, TPS-15G-QM, TPS-G-TPI, TPS-GA-TPI and DVPHD Panels.

Version 19.05

- Enabled Engraver view for the QMMD 4X4, and QMMD 16X16

Version 19.04

- Added SIMPL Windows support for AMS-AIP
- Fixed C2N-TXM used with APADs
- Fixed APADs with the AAS on AADS systems
- Bug fix for D3 Pro caused by cresdb 19.04.07 - Unable to add Fluor. Dim Loads or open an existing project containing such load types.

Version 19.03

- Added Crestron Modules, Simpl+ and Database entries for AMS-AIP support.

Version 19.02

- Update to c2n-sdc shade control module

Version 19.01

- Added support for new keypads: HTT-B10X, C2NI-CB, INET-CBD, and INETI-CB
- Updated modules: TSTAT w/5-2 Scheduler, THSTAT w/5-2 Scheduler, TSTATRF w/5-2 Scheduler
- D3 Pro database entry: Added support for startup delay of a switched non-lighting load on CLX-4HSW4

Version 19.0.8

- Added MPS-300 Protected Modules.
- Fixed: Crestron C2N-TXM Hardware Interface v2.0.cmc. After program upload or reset, incorrect power state of device was possible. Added ability to detect and then power cycle in this error state.

Version 19.0.7

- Added support for the C2N-CB-TS. **Note:** D3 Pro v2.5.5 or later required. System Builder v3.03 will only generate default keypad parameters and will ignore the settings chosen in the keypad properties menu. Non-default values must be set manually in the generated simpl windows program.

- Engraver support for the MPS-300.

Version 19.0.6

- Fixed: AES front panel was including the wrong XM module.
- Fixed: Engraver was causing SystemBuilder to incorrectly assign programmable hard-buttons on the TPMC-8L.
- Fixed: cnctrl2.mdb was wrongly packaged as read-only.

Version 19.0.5

- Added full support for CEN-IDOC Search feature. **Note:** Feature requires firmware version 1.003.0021 or higher.
- Added additional Engraver support.

Version 19.0.4

- Internal Fixes.

Version 19.0.3

- Added full support for RGBHV switchers
- Added TPS-6L Cresnet, Ethernet for SB and D3 Pro
- Engraver support for C2N-CB-T,S
- CHV-TSTAT and CHV-THSTAT modules v3.2
    - includes a bug fix and new direct setpoint signals
- Wrapper module for C2N-CB-TS for use in System Builder and D3 Pro
- Added scrolling list for AM/FM channels or presets
- Allow multiple touch panels to have independent browsing on the same AM-FM tuner.
- Added scrolling list support for Adagio Large TP AMFM GUI Interface v2.1 and/or Adagio Small TP AMFM GUI Interface v2.1 modules.

Version 19.0.2

- Added limited support for RGBHV switchers
- Added iMedia output cues:
    - System_Ready_Pulse
        - Pulses when the system program has finished initializing
    - Supports_IM-RXVx-M
        - High if the "Version" console command reports back IM-RXVx-M.
        - Low for non -M units.
    - Show_Master_Volume_Subpage
        - High if "Knob is Master" feedback and "Support_IM-RXVx-M" are both high.
        - High for non -M units.
    - Show_Program_Volume_Subpage
        - High if "Knob is Master" feedback is low and "Support_IM-RXVx-M" is high.
        - Low for non -M units.
- Store BOM Group IDs for iMedia transmitters in control database for SystemBuilder iMedia Wizard.

Version 19.0.1

- Internal fixes.

Version 19.0.0

- Add support for IM-RXV-M
- SystemBuilder: AAS day 3 support added. **NOTE:** This requires AAS firmware version 3.0.1359.0 or later.
- Engraver: Change font used for TPMC-8L

- Overview of module changes:

- Updated AMS Standard Functionality module to include HDMI debugging and new decoding modes
- Added modules for APAD and AES/AMS Front Panel control of AAS Simple Browse Context
- Added modules for touch panels to use new AAS Jukebox Mode Browse Context
- Updated XM and SIRIUS modules to turn off Diagnostic Mode after 2 minutes of no activity
- Added new 12-Button Keypad module for SystemBuilder use, to allow selection of source 11 on AMS systems
- Updated AES/AMS/AADS AMFM Hardware modules to allow SystemBuilder to correctly connect to basic functions (tuning,presets,etc...) from keypads.

- Updated Adagio modules:
  - Adagio Large TP iPod GUI Interface v2.0.cmc
  - CEN-IDOC Hardware Interface v2.0.cmc.
  - APAD iPod GUI Interface v2.0.cmc
  - AES+AMS Front Panel iPod GUI Interface v2.0.cmc
- Updated HVAC modules:
  - chvthstat_nosked_v3_1.cmc
  - chvthstat_sked_v3_1.cmc
  - chvtstat_nosked_v3_1.cmc
  - chvtstat_sked_v3_1.cmc
  - Crestron CHV-TSTATRF w5-2 Scheduler v1.3.cmc
- Updated modules:
  - C2N-DAP8RC v1.1.cmc
  - MPS-100 XML Functions v1.csp/csh
  - MPS-100 OOTBF Installer Tools v1.csp/csh
  - MPS-100 Text Router v1.csp/csh
  - MPS-100 protected modules
- New modules:
  - Touch Panel Generic Scroller 50 items V1_0_0.csp
  - Touch Panel Generic Scroller 50 items V1_0_0.csh

Version 18.9.0

- Add support for new TPMC-8x features. **NOTE:** firmware update 1.00.01.29 or newer is required. See TPMC-8x firmware update release notes for details about these new features.

Version 18.8.8

- SystemBuilder: Add support and Bill of Materials entries for TPMC-8L.
- Updated AMS related modules/protected modules:
  - Adagio Large TP iPod GUI Interface v1.0.cmc
  - Adagio Theater v1.0.cmc
  - 12-Button Keypad GUI Interface v1.2.cmc
  - Adagio 11-Source Room v1.0.cmc
  - Adagio Theater Room Control And Setup v1.1.cmc
  - Adagio Large TP Sirius GUI Interface v2.0.cmc
  - Adagio Small TP Sirius GUI Interface v2.0.cmc
  - Crestron C2N-TXM Touch Panel Interface v2.0.cmc
  - Crestron C2N-TXM Small Touch Panel Interface v2.0.cmc
  - AMS OOTBF XML Functions v1_1.csp/csh
- New AMS modules:
  - Adagio Theater Room Control And Setup v1.2.cmc
  - Adagio Theater 12-Button Keypad GUI Interface v1.2.cmc
  - Simple Decoding Mode Selector v1.csp/csh
- Updated lighting/HVAC modules:
  - CLX-4HSW4_v1_0.cmc
  - CLX-2DIM2_v1_0.cmc
  - CLX-1MC4_v1_0.cmc
  - CLX-1DIM4_v_2.cmc
  - CLX-1DIM8_v_1.1.cmc

- chvtstat_sked_v3_0.cmc
- chvtstat_nosked_v3_0.cmc
- chvthstat_sked_v3_0.cmc
- chvthstat_nosked_v3_0.cmc
- tstat scheduler2_v2_0.csp
- Engraver: Add support for QM-MD16x16 printed labels.
- Bill of Materials: Corrected database to address these issues that may occur when changing bezel colors:
  - Engraver application bezel image flashes briefly after color change
  - Engraver appliaction bezel image does not always match selected color.
  - Order includes incorrect bezel part number after a color change.

Version 18.8.7

- Updated AMS theater control modules
- Updated CHV-TSTATRF modules
- Updated IM-RX1 and IM-RX3 modules
- Add C2N-SDC-DC modules
- Panel definitions: Correct issue where TPS-4000L reserved joins were not shown in VT-Pro-e.

Version 18.8.6

- Updated AMS related modules and protected modules
  - AMFM2 Hardware Interface v2.0.cmc
  - AMFM Hardware Interface v2.0.cmc
  - Adagio (AMS) Large TP Room GUI Inteface With Theater v2.1.cmc
  - Adagio (AMS) 12 Button Keypad Interface v1.cmc
  - XM Guide Engine.csp/csh
  - Adadio System Info v1_3.csp/csh

Version 18.8.5

- Panel Definitions: Add TPMC-8L support
- Updated AMS related modules and protected modules
  - Adagio (AMS) Source Start+Stop v1.cmc
  - Adagio (AMS) Source Start+Stop v2.cmc
  - AMS OOTBF Theater Mode v1_0.csp/csh
  - Adagio (AMS) Start+Stop Processor v1.csp/csh

Version 18.8.4

- Panel Definitions: Corrected vertical coordinates for engraveable version of AMS front panel.
- Updated Vetra Wedge module
- Assigned correct template type for TSTATRF with no scheduling
- Updated AMS related modules

Version 18.8.3

NOTE: Do not use AMS in SystemBuilder unless you have SystemBuilder 3.x or above, even though AMS may be visible in earlier versions of SystemBuilder.

NOTE: If you are programming AMS in Simpl Windows, the AMS modules in this database are not the final versions. Please get Crestron database 18.8.4 or later.

- New Crestron modules
  - NEC NP40 + NP50 + NP60 v1.1.cmc
  - Runco CR-26HD + CR-32HD + CR-40HD v2.cmc
  - Compare-Command Queue.csh/csp/cf
  - RUNCO Serial Parser v2.csp/csh
- Updated Crestron hardware modules
  - APAD Interface (AMS) With Theater v1_0_4.cmc

- APAD Interface (AMS) v1_0_4.cmc
- Adagio 11-Source Room v1.0.cmc
- Adagio Theater v1.0.cmc
- Crestron C2N-TXM Small Touch Panel Interface v2.0.cmc
- Crestron C2N-TXM Touch Panel Interface v2.0.cmc
- Adagio Large TP XM GUI Interface v1.1.cmc
- Sirius Hardware Interface v2.0.cmc
- Adagio Small TP Sirius GUI Interface v2.0.cmc
- Adagio Large TP Sirius GUI Interface v2.0.cmc
- Adagio (AMS) Large TP Room GUI Interface With Theater v2.1.cmc
- Updated Sony VPL-FX51(IP) Projector module. Updated module is version 2.

- SystemBuilder / D3 Pro: Updated Bill Of Materials

Version 18.8.2

- Updated AMS related modules
- MPS-200 updated modules
- SW-WMC module fix
- Add support for DVPHD
- Add new IR files:
    - Apple .. Apple TV
    - CaVS .. CaVS Karaoke
    - Clo systems .. X-Arm plasma mount
    - Crestron .. AAS-1/AAS-2/AAS-4
    - Crestron .. iLux
    - Denon .. DN-200
    - Denon .. DVD 557
    - DishNet .. ECHOSTAR 143029
    - DishNet .. VIP622 DVR
    - Electrocompaniet .. 24/192
    - Epson .. PowerLite 81p Multimedia Projector
    - Generic .. fdc-3412
    - Hitachi .. 42HDX99
    - Hitachi .. CMP-4221
    - Hitachi .. P50H401
    - HP .. Media Center Control
    - Insignia .. Unknown
    - JVC .. JVC-HR-XVC16B
    - Kenwood .. Sirius Receiver
    - MICROSOFT .. XBOX360
    - Motorola .. BMC 9012
    - Motorola .. COMCAST DCT6412
    - Panasonic .. AGVP310
    - Panasonic .. DVD Video Recorder DMR-E85H
    - Panasonic .. Unknown
    - Panasonic .. Unknown
    - Panasonic .. Unknown
    - Pioneer .. DV-46AV
    - Pioneer .. DVR-640H-S
    - Pioneer .. IDK-01
    - RiTECH .. RJ-200BK
    - Rotel .. RT-1084
    - Russound .. ST2S Smart Tuner
    - Samsung .. BD-P1000
    - SOLE .. SLTV15MS1K
    - Sony .. DA-3100ES
    - Sony .. DSR-11

- Sony .. Sony RDR-VX515
- Sony .. STR-DA3100ES
- Sony .. STR-DA3100ES
- Sony .. Unknown
- Sony .. Unknown
- Toshiba .. HDA2
- Universal Electronics .. Cox Universal Remote Control
- Viewsonic .. RC00070P
- Xiva .. Integra

Version 18.8.1

- Updated AMS related modules
- SystemBuilder: Added support for CLX-1DELV4 lighting device\

Version 18.8.0

- Add modules and resources to support inital release of AMS.
- Add resources to support initial release of DVP-HD.
- Updated QM-MD7x2 control module to address audio breakaway issue when 7x2 is only using one output
- D3 Pro: Enable support for playing sound files on CNX-B keypads
- Engraver: Add support for AMS
- SystemBuilder: added support for TPS-GA-TPI (Cresnet) and TPS-GA-TPI (Ethernet) touchpanels

Version 18.7.9

- MPS-200 support for SystemBuilder. Requires SystemBuilder version 3.2.11
- Enabled the following Adagio modules used for AES/AADS system creation
    - APAD Interface v1_0_1.cmc
    - Adagio Room Control and Setup v1.1.cmc
    - Adagio Room Control and Setup v2.0.cmc
- Corrected database entries to address cases where a SystemBuilder AES project would not build correctly.
- Bill of Materials:
    - Updated entries related to MPS-200.
    - ABAR added as accessory for Adagio Control Systems and CNX-PAD8A
- D3 Pro database entries:
    - Corrected entries to address bug when adding 24vdc drapes to C2N-SDC-DC.

Version 18.7.8

- Updated MPS-200 related modules to support inital release.

Version 18.7.7

- Updated MPS-200 related modules.
- VTPro-e: Corrections to panel definition file to address:
    - Issue where reserved joins for TPS-2000 would appear more than once in the same VTPro-e pull down list.
    - TPS-6000 not showing in VTPro-e panel list.

Version 18.7.6

- Updated MPS-200 related modules
- VTPro-e:
    - Changes for TPMC-4x: Z-order change, Ethernet autodiscovery NOTE: TPMC-4x firmware version 1.00.28.00 required to use these features
    - Changes for TPMC-8x: Z-order change, Dynamic graphics aspect ratio support, updated reserved joins. NOTE: TPMC-8x firmware version 1.00.01.10 required to use these features
- SystemBuilder:

- ○ Updated Bill of Materials list
- ○ Updates to event scheduler modules.
- ○ Updated Adagio control/interface, Adagio tuner and APAD related modules to support new AES feature set. Refer to 18.7.0 section below for more details about new AES features.
- Engraver
  - ○ Add support for DVPHD

Version 18.7.5

- Updated MPS-200 related modules/protected modules

Version 18.7.4

- Updated XM related modules
- SystemBuilder
  - ○ Adagio control/interface, Adagio tuner and APAD related module updates to support new AES feature set. Refer to 18.7.0 section below for more details about new AES features.
  - ○ Updates for AES front panel protected modules

Version 18.7.3

- SystemBuilder
  - ○ Updated Adagio control/interface, Adagio tuner and APAD related modules to support new AES feature set. Refer to 18.7.0 section below for more details about new AES features.
  - ○ Updated Bill of Materials list
  - ○ Updated MPS-200 related modules/protected modules
  - ○ Updated CHV-TSTATRF module
  - ○ Updated Motion Sensor module; now supports longer delay times.

Version 18.7.2

- SystemBuilder
  - ○ Updated Adagio control/interface, Adagio tuner and APAD related modules to support new AES feature set. Refer to 18.7.0 section below for more details about new AES features.
  - ○ Updated MPS-100 modules/module help for SystemBuilder support.

Version 18.7.1

- VTPro-e
  - ○ Allow user defined join assignment for MT-1000 hard keys
- SystemBuilder
  - ○ Updated Adagio and APAD related modules.
  - ○ Updated MPS-100 and MPS-200 modules

Version 18.7.0

- SIMPL Windows
  - ○ Add support for MPS-200
- SystemBuilder
  - ○ Add support for MPS-100
- New AES related features:
  - ○ Optional Group Volume Control
  - ○ Line-Level Audio control
  - ○ Priority Mode
  - ○ Interrupt and Resume features

Version 18.6.2

- Update for CHV-TSTATRF module
- Changes to Event Scheduler 2 module:

- ○ Suspend flag is now saved as part of each event
        - ○ fixed bug where multiple Saves could eventually corrupt data file
  - Engraver
    - ○ Add support for MPS-200.
    - ○ New colors for CLW series. NOTE: Requires Engraver 3.4.0.3 or later.

Version 18.6.1

- Updated/New ATC-AMFMSR related modules
- Updated ATC-AMFMSR Bill of Materials entries

Version 18.6.0

- Add support for new device: ATC-AMFMSR
- IMedia Wizard: Add support for IM-FTCC-V and IM-WCCV

Version 18.5.0

- Add support for new devices:
    - ○ C2N-MNETRPRT
    - ○ TPS-GA-TPI
    - ○ CHV-TSTATRF
    - ○ CEN-TIA
- Updated C2N-RTHS module
- SystemBuilder
    - ○ Updated WPR-48 modules
    - ○ Updated MPS-100 related modules

Version 18.4.5

- SystemBuilder:
- Add AADS support
- Updated Adagio Large TP Room GUI Interface - Fixed an issue with volume subpage not displaying on smaller touch panels
- Updated Adagio Large TP AAS GUI Interface - Fixed logic for Back button so that it only appears on the AAS Browse and Playlist Manager pages
- Updated Adagio Room Control and Setup - Fixed source gain control/feedback synchronization
- Updated QM volume handler module

Version 18.4.4

- Updated MPS-100 protected modules and SystemBuilder support
- Modified "Vacation Scheduler" module (used by D3 Pro) to read/write from disk more efficiently

Version 18.4.3

- Updated 2 lighting modules: CLX-1DIM8 and CLX-1DIM4
- Updated MPS-100 related Simpl+ module
- Added new MPS-100 related modules
- Updated MPS-100 protected modules
- VTPro-e support: Updated reserved join list

Version 18.4.2

- Updated CHV-TSTATRF modules
- Updated system module for D3 Pro support

Version 18.4.1

- Updated MPS-100 protected module
- Updated other MPS related SIMPL+ modules

- Updated several Adagio tuner modules
- Add new module: APAD Long Text Edit.csp

Version 18.4.0

- New module for CHV-TSTATRF
- Updated CEN-TIA module
- New version of MPS-100 protected module
- Corrected many SIMPL+ CSH files. Fix corrects invalid parameter block in some SIMPL+ CSH modules causing SIMPL Windows compile errors about "partial subsitution". See SIMPL Windows release notes for details regarding user SIMPL+ modules.
- SystemBuilder:
  - Add support for: TPMC-15-QM, TPMC-17-QM, TPS-15G-QM, TPS-G-TPI
  - Fixed MPS-100 "connection point" bug.
  - Updated device support modules
- Engraver: Add support for MPS-100
- VTPro-e:
  - Removed ST-4T/8T panel types. Use VTPro-e 2.2.3.6 or earlier for SmartTouch programming support. See VTPro-e release notes.
  - Updated TPMC8x reserved join list.
- D3 Pro: Fixed bug where some Cameo keypad buttons would appear with no feedback. NOTE: This will not fix existing projects. To fix an existing project, create a new keypad and copy logic from the original one, then delete the original.

Version 18.3.3

- SystemBuilder support: Updated AADS module help links

Version 18.3.2

- VTPro-e support: Updated TPMC-8x reserved join list
- SystemBuilder support: Assorted updates for AADS modules
- SIMPL Windows support: Corrected Symbol Tree classifications for multiple modules

Version 18.3.1

- VTPro-e support: Updated TPMC-8x reserved join list
- SystemBuilder support: Updated Adagio modules

Version 18.3.0

- VTPro-e support: Add TPMC-8x panel for initial release Update reserved join list for TPMC-8x embedded applications. This change is needed when converting TPMC-10 projects to TPMC-8x.
- SIMPL Windows/ System Builder support: Updated AADS modules
- SystemBuilder suppport (QuickMedia systems):
  - QM-FTCC-TPS4 device split into separate devices:
    - QM-FTCC-TPS4 (Cresnet TP)
    - QM-FTCC-TPS4 (Ethernet TP)
  - This change allows selection of the device with either the integrated Cresnet or Ethernet touchpanel

Version 18.2.7

- Add module for AAS IR emulation
- Updated control system database files to correct front panel issue when creating a new project for AES control system.

Version 18.2.6

- Updated CEN-TIA module
- Updated control system database files

- Updated protected modules for Adagio support

Version 18.2.5

- Updated CEN-TIA modules
- Corrected control system database files for SIMPL/SystemBuilder support.
- Updated WPR-48 wrapper modules for D3 Pro/SystemBuilder support.
- Updated AADS modules
- VTPro-e support:
  - Updated reserved join list

Version 18.2.4

- VTPro-e support:
  - Updated TPMC-8x panel support/reserved join list
  - Enable dynamic graphics for TPS-G-TPI.
- SIMPL Windows support:
  - Updated AADS modules
  - Updated QM-AE modules

Version 18.2.3

- VTPro-e support:
  - Updated TPMC-8x panel support
- Engraver suppport:
  - Updated part number list in database
- SIMPL Windows support:
  - Updated AADS modules
- Revised some Crestron QM and DAP8 Audio modules to fix signed values setting

Version 18.2.2
- SystemBuilder support
  - Crssplus.dat updated to add the CEN-TIA modules
  - Updated the following modules within crsprtct.dat to address issue with hextoi function call
    - APAD iPOD GUI Interface v1.cmc
    - AMFM2 Hardware Interface v1.0.cmc
    - AMFM Hardware Interface v1.0.cmc
    - AADS Front Panel AMFM Tuner GUI Interface v1.cmc
    - AES Front Panel AMFM Tuner GUI Interface v1.cmc
    - APAD AAS GUI Interface v1.cmc
    - APAD AMFM Tuner GUI Interface v1.cmc
- SIMPL Windows support
  - MPS-100 front panel module updated

Version 18.2.1
- SystemBuilder support: Add support for
  - AADS
  - AADS-XM
  - TPMC-4X
  - CEN-TIA
  - PAC2M

- D3 Pro support: Add support for PAC2M
- VTPro-e support: TPMC-8X panel added.
- SIMPL Windows support: Add support for MPS-100

Version 18.1.15
- VTPro-e support: Enable dynamic graphics for TPS-12/15/17 panels.

Version 18.1.14

- SystemBuilder bug fix for programmable keypads:
    - CN-WM
    - CNWM-LT9
    - CNWM-LU12
    - CN-WP12F
    - CN-WP12N

Version 18.1.13
- SystemBuilder support:
    - additional AADS features, bug fixes
    - ST-1700CIR added

- D3 Pro support
    - ST-1700CIR added

- VTPro-e support:
    - ST-1700CIR added
    - TPMC-4X added
    - added additional reserved joins to TPS-12/15/17

- Engraver support:
    - ST-1700CIR added
    - CNX-B8 can now be engraved sideways

Version 18.1.12
- SystemBuilder support:
    - added AADS support
    - changed default warm-up and cool-down times for Power On/Off Timeout extender
    - minor module bug fixes

Version 18.1.11
- Release candidate for SystemBuilder
- Adds support additional programmable buttons on MT-1000C

Version 18.1.10
- Release candidate for SystemBuilder
- Adds support for CNXRMIRD in SystemBuilder
- Fixes bug that causes CH Audio Dist. ROOM Setup v2.6 (cm) to lose its settings on startup
- Fixes Sleep Mode in SystemBuilder-generated Adagio systems

Version 18.1.9
- Release candidate for SystemBuilder v3.0.10
- Adds support for C2N-SPWS300 in SystemBuilder
- Adds Real-Time support for C2(N)-VEQ4 in SystemBuilder
- Adds "In-Override" output to CLX-1DIM4 modules for SystemBuilder

Version 18.1.8
- Release candidate for SystemBuilder v3.0.9
- Support for C2N-IADS30x24 in SystemBuilder
- Support for C2N-IVDS24x24 in SystemBuilder
- Corrects issues with third button of CLW-DIM4RF in detached mode
- Fixes handling of multiple interface modules connected to CEN-IDOC Hardware Interface v1.0
- Fixes problems with startup problems with Scrolling List module in SystemBuilder

Version 18.1.7
- Release candidate for SystemBuilder v3.0.8
- Optimizations in Adagio modules for use with SystemBuilder Real-Time mode
- Support for pad areas on TPS-12
- Support for SystemBuilder programming of Adagio Audio Zones and sources with independent

browsing from many touchpanels and keypads. The following exceptions apply:

Audio Zone Exceptions: C2N-DBN12 CNX-BN12 QM-FTCC-TPS4 QM-FTSC (keypad)

Independent browsing of supported sources (CEN-IDOC, ATC-AMFMXM, AAS-1/2/4) is not available from keypads or one-way touchpanels.

Version 18.1.6
- Fixes bug in QM modules which may prevent logic from stabilizing at startup
- Fixes SystemBuilder connection to CN-AMPX16x60
- Revised control entries for SystemBuilder support of ATC-AMFMXM

Version 18.1.5
- Fixed D3 Pro support for single-wide lighting cabinets broken in 18.1.3

Version 18.1.4
- Support for CLX-1DIM8 and CLX-2DIM8 in SystemBuilder
- Support for C2N-IRGW(-1G)
- Revised Adagio modules for SystemBuilder support
    - AAS : Fixed "Play Now" feature of Playlist Manager mode

Version 18.1.3
- Support for D3 Pro v2.2.6 or later
- added some images for QM products used by SystemBuilder

Version 18.1.2
- Fixed connection to second AM/FM tuner of ATC-AMFM2 in SystemBuilder

Version 18.1.1
- Revised Adagio modules for SystemBuilder support

Version 18.1.0
- Revised Adagio modules for SystemBuilder support
- CLF-DIMRF support in SystemBuilder and D3 Pro

Version 18.0.9
- Revised Adagio modules for SystemBuilder support

Version 18.0.8
- Added modules for the following products:
    - AES
    - AAE
    - APAD
    - AAS-1
    - AAS-2
    - AAS-4
    - ATC-AMFMXM
    - ATC-AMFM2
    - CEN-IPOD
- Added SIMPL Windows support for (requires SIMPL Windows v2.07.21 or later): AES
- bug-fix for real-time control in D3 Pro involving non-dim modules at certain Cresnet IDs
- added D3 Pro support for TPMC-15-CH and TPMC-17-CH

Version 17.7.0
- Added "dynamic graphic" support in VTPro-e for the TPMC-10

Version 17.6.2
- Added support for PNG graphics for TPS-12, TPS-15, TPS-17
- Fixes for D3 Pro/SystemBuilder wrapper modules for CLW-DIM(S)1, CLW-SW(S), and CLW-SW(S)1

Version 17.6.1

- Fixed corrupted definition of C2N-FTB (could cause SystemBuilder crash)

Version 17.6.0

- Added TPS-4L support to VTPro-e
- Added Engraver support for TPS-4L
- Modified Lightingdb.mdb to allow D3 Pro Module and Enclosure Wizard to run properly with D3 Pro v2.1.x
- Fixed bug in certain QM receiver modules that prevented unmuting the volume when used with QM switchers
- Added D3 Pro support for WPR-48, TPS-4L, MT-1000C
- Added SystemBuilder support for TPS-4L, TPS-G-TPI
- Changed default fade time of infiNET dimmers to 0.5s (when used with D3 Pro or SystemBuilder)
- Fixed bug in T(H)STAT Scheduler (v2.0.x) modules where setpoints would not always recall if there was only one schedule programmed per day.
- changed the maximum wattage allowed on a CLX-1DELV4 output in D3 Pro from 1080W to 1200W
- Added modules to control the following projectors/monitors:
    - BenQ 8200/8220
    - BenQ 7200
    - Canon Realis SX-50
    - Digital Projection Mercury Series
    - Digital Projection DVision
    - Epson EMP-600, EMP-800, EMP-810, EMP-811, EMP-820
    - Epson EMP-7800, 7850
    - Epson 830P, 835P
    - InFocus LP-820
    - InFocus LP-640, LP-540
    - InFocus LP840
    - Hitachi CP-X443, CP-X445
    - Hitachi CP-SX1350
    - Hitachi CMP4202U, CMP4201, CMP4121, CMP4120, CMP402, W42-PD1
    - LG L3200/L3700/L4200
    - LG RU-42PX10, RU-42PX11, RU-42PX20, RU-50PX10, RU-50PX11, RU-50PX20
    - Mitsubishi HC2000
    - Marantz VP-12S3, VP-10S1
    - Mitsubishi XL-30U, XL-25U, SL-25U
    - NEC/Mitsubishi LCD3000/4000
    - Optoma H77/H79/H78DC3
    - Optoma H77, H79
    - Optoma EP759, EP758, EP751
    - Panasonic PT-D5500, PT-D7500, PT-D7600, PT-D7700, PT-DW7000
    - Panasonic PT-AE900U
    - Pioneer Pro-1410HD
    - Runco PL-50HDX
    - Samsung PPM42M5S, PPM42M5H, PPM50M5H, PPM63M5H
    - Samsung PPM42S3, PPM50H3, PPM63H3
    - Sharp XG-MB70X
    - Sony FWD-32LX1, FWD-42LX1
    - Sony PFM-42X1
    - Toshiba TDP-T40
    - Yamaha LPX-510
    - Yamaha DPX-1100
    - Yamaha DPX-1000

Version 17.5.2

- Fixed Engraver bug where engraved text on CT-1000 and LC-1000 panels could be lost
- Fixed Bill Of Materials bug where CLT-PWS75 was not being included with the CLX-PWS75

Version 17.5.1
- Removed the following unsupported Cameo colors from Engraver: Wine, Brick, Olive

Version 17.5.0
- Added VTPro-e support for:
  - UPX-2-1GB
  - UPX-2-MSO

- Added Engraver support for the following products (requires Engraver v2.6.0.6 or later):
  - QM-FTCC-TPS4
  - C2N-FT-TPS4
  - all InfiNet switches and dimmers

- Added Real-Time support via SystemBuilder for the following products (requires Engraver v2.6.0.6 or later):
  - TPS-12
  - TPS-15
  - TPS-17
  - TPS-12G-QM
  - TPMC-15/17
  - TPS-15G-QM

- Added SystemBuilder support for:
  - MC2W Remote Cresnet Processor

- Added the following items to the Bill Of Materials DB
  - MT-1000C
  - CNRFGWA-418

- Added the following logic module(s):
  - iLux Room Combining 1x5

Version 17.4.4
- Correctly set the number of serial joins available in VTPro-e for the following panels: TPS-4L TPS-12/15/17 TPS-12/15-G-QM TPS-TPI-QM C2N-FT-TPS QM-FTCC-TPS4

Version 17.4.3
- Internal changes to definitions of new TPS-B and TPS-G touchpanels

Version 17.4.2
- Updated wrapper modules for the CLW-SWxRF models. Now exposes the "Delayed Off Timer" parameter in SystemBuilder and D3 Pro.
- Fixed Bill Of Materials issue where CLW-xxxRF slaves were not being added to the BOM in D3 Pro or SystemBuilder.
- SystemBuilder support for:
  - QM-FTCC-NB
  - QM-FTDC-NB
  - QM-FTMC-NB
  - QM-FTMCSC-NB
- VTPro-e support for: TPS-G-TPI

Version 17.4.1
- Added SystemBuilder, Bill Of Materials, VTPro-e support for:
  - TPS-12G-QM
  - TPS-15G-QM
  - C2N-FT-TPS4
  - QM-FTCC-TPS4

Version 17.4.0
- Support for D3 Pro v2.0.x

- - Logic generation fixes for CLW-SW(S), CLW-SW(S)1RF, CLW-SW(S)4RF, CLX-4HSW4
  - Updated real-time control logic (now requires Toolbox)
- Various Bill Of Materials database additions, fixes
- Updated modules for CLW-DIMS4RF and CLW-SWS4RF to match latest SIMPL changes (requires SIMPL Library 354 or later)
- VTPro-e and Engraver (requires v2.6 or later) support for:
  - C2N-FT-TPS4
  - QM-FTCC-TPS4

Version 17.3.3
- Fix for TPS-2000, where programmable buttons were not showing in proper location in SystemBuilder and D3 Pro
- Fix for CLW-DIM4RF and SW4RF modules which were missing default values for the "Local Control Button" paramter

Version 17.3.2
- Fix for CLX-HSW4 in D3 Pro v1.5.x and later (non-dim lights could flash on briefly at startup)

Version 17.3.1
- Added support for more cameo colors in Engraver, Bill Of Materials
- Added support for infiNET dimmers/switches in D3 Pro, SystemBuilder
- Fixed incorrect images in D3 Pro for CLX-2IND, CLX-4IND, and CLX-PWS75
- Updated logic generation scripts for D3 Pro to support infiNET dimmers/switches and iLux
- Added SystemBuilder support for the TPMC-10-DSW
- Updated C2N-TXM module to be compatible with SystemBuilder templates

Version 17.3.0
- Add Engraver support for CLS-C6
- Fix problem with IM-RX1 module. Max volume was resetting to 50% after reboot.

Version 17.2.4 (Internal Alpha)
- Added Versioning info to control db, lighting db to prevent older versions of SystemBuilder, D3 Pro from showing newer, unsupported products
- Added D3 Pro support for the following products (NOTE: complete support is still in progress):
  - CLW-DIMxxRF
  - CLW-SWxxRF
  - CLS-C6(M) (iLux)

Version 17.2.3
- Fixed lighting database bug that could cause D3 Pro crash
- Fixed support for TPMC-17 panels

Version 17.2.2
- Removed "system bar" for TPMC-15/17 and UPX/UPX-2(+)
- Updated modules for IM-RX1 and IM-RX3
- Fixed CNXRMCS entry in BOM

Version 17.2.1
- Updated help for RoomView module
- SystemBuilder Support:
  - QM-AE
  - QMRMCRX-BA
  - iMedia devices
- Limited SystemBuilder and D3 Pro support for C2N-CB (Cameo) keypads (no rocker functionality available via these apps)
- Fixed bug where D3 Pro was not adding CLX-2DIM2 via Module Assignment Wizard
- VTPro-e support for TPMC-15/17, TPS-12/15/17
- Updated Bill Of Materials database to include latest products

Version 17.1.1
- Updated for TSTAT and THSTAT scheduler modules (Firmware v2.xxx) to fix bug where a removed schedule could be recalled after midnight in some cases. Also added minor improvements.
- Engraver support for C2N-CB (Cameo) keypad
- Added module for using C2N-CB (Cameo) LEDs as a bargraph
- Updated the hard-button joins for the MT-1000C in VTPro-e
- Other updated SIMPL modules: Elmo TRV-35H Carrier ComfortZone RoomView QM Modules

Version 17.0.2
- Fixed issue in Audio Distribution systems where devices could turn on after a system reboot "CH Audio Dist. SYSTEM Device Start and Stop v2.1"
- Changed preferred lighting module to CLX-2DIM8 for D3 Pro Lighting Wizard (was CLX-1DIM8)

Version 17.0.1
- updated SystemBuilder QM modules

Version 17.0.0
- C2N-TFM/TTFVM now support US and Europe
- Added support for AudioRequest Pro (firmware 1.9.0)
- Includes THSTAT Scheduler module v2.1 which adds "HumidiferCall" input (connects directly to THSTAT device)
- SystemBuilder-related additions:
    - Bug fixes
    - Support for remote slave Ethernet/Cresnet processors
    - Fixed C2N-DAP8 module so it connects to the Decoder_Volume signal

Version 16.4.4
- Same as v16.4.3, except minor changes to CNCAMIDJ in Engraver

Version 16.4.3
- Branch-release: this was really v16.4.0 with a fix for an engraver crash

Version 16.4.2
- Fixed HP x8010 module which had an internally driven input
- Added "Both_Shades_" commands to C2N-SDC and C2N-SSC-2 modules for use with D3 Pro
- SystemBuilder-specific support
    - QM-FTSC
    - C2N-FTB
    - C2N-VEQ4
    - C2N-CAMIDSPT (placeholder only, module incomplete at this time)
    - Known issues:
        - 7x2 and 5x1 modules missing some cue help
        - Video sense outputs of origination points missing names for low states
        - C2N-CAMIDSPT module incomplete
        - Images for QM-TX missing for QM View

Version 16.4.1
- Minor fixes for CHV-T(H)STAT scheduling modules (old and new firmware versions)
- SystemBuilder-specific support:
    - added support for QM flip-top boxes
    - WPR-48 support
    - QM-MD7x2, QM-MD5x1, QM-MD4x2, QM-MD8x8 support
- Added support for MT-1000C

Version 16.4.0
- Added modules for C2N-SSC-2 and C2N-SDC shade/drape controllers
- Added modules for C2N-TFM and C2N-TTVFM tuners
- Updated versions of Crestron CHV-T(H)STAT modules (for v1.xxx firmware). These new versions include minor fixes/enhancements

- Added help files for a number of logic modules in PDF (Adobe Acrobat) format
- Changed Time Zone designation for Alabama and Arkansas cities to Central Time (was Eastern Time)
- Changed Time Zone designation for Pensacola and Panama City, Florida to Central Time (was Eastern Time)

- Touchpanel-related changes:
  - Added TPS-4000L support to VTPro-e/Engraver/D3 Pro/SystemBuilder
  - Increased number of digital joins on the STX-1700CXP to 4000 (was 999)

- Engraver-related changes:
  - Added silver button option for certain touchpanels
  - Added support for TPS-4000L
  - Added support for C2N-FTB

- D3 Pro-related changes:
  - CLW-SW(S) and CLW-SW(S)1 units now support "Switched Outlet" loads in D3 Pro

Version 16.3.4
- Updated versions of CHV-THSTAT modules (minor bug fixes)
- Updated firmware name prefix for TPS-3000/3100/4000 touchpanels
- Modified lighting db so that the D3 Pro Module and Enclosure Wizard adds CLX-1DIM8s instead of CLX-2DIM8s

Version 16.3.2
- Updated C2N-TXM module
- Updated TSTAT modules for v1.xxx firmware to be compatible with new template pages
- SystemBuilder support for CLW-xxx firmware v2.xx
- Added support for: TPS-3100L TPS-4000/L

Version 16.3.0
- Added support for CLW-DIM(S)1 and CLW-SW(S)1 dimmers/switches
- Added support for the TPMC-10
- Added new modules for the CHV-TSTAT and CHV-THSTAT with firmware v2.xxx

Version 16.2.3
- Added WPR-48 support for Crestron Engraver software
- Fixed bug where CLX-1FAN4 was being omitted from the BOM in D3 Pro (bug was introduced in v16.2.2)

Version 16.2.2
- Added many new modules for Video Projector control
- Adds CNPI-16B support to D3 Pro and SystemBuilder
- Updated version of C2N-TXM module
- Updated version of CLW-DIM module for use with AppBuilder and SystemBuilder
- Engraver support for QM-FTSC, QM-MD4x2, QM-MD7x2, QM-MD8x8
- VTpro-e support for the C2N-IIF (sound files only)
- TPS-4000 support

Version 16.1.5
- Updated QuickMedia modules
- Updated standard command definitions for all "TV" and "TV Tuner" IR drivers
- Bill Of Materials updates

Version 16.1.4
- Updated QuickMedia modules
- C2N-DAP8 module
- C2N-TXM module
- Improved CHV-TSTAT and THSTAT modules

- Updated existing projector modules to be more "standard command" compliant
- VTPro-e support for the ML-500 and C2N-IIF
- New IR drivers
- Engraver support for the following products: QM-MD8X8
- Added support for the following interfaces in D3 Pro:
  - TPS-3000L
  - TPS=1700
  - STX-1700CXP
  - TPS-TPI w/Ethernet

Version 16.1.2
- Reintroduced QuickMedia modules (for SystemBuilder support)

Version 16.1.1
- Added Engraver knowledge of buttonless bezel for 1700-series touchpanels
- Updated scheduling modules for CHV-TSTAT/THSTAT

Version 16.1.0
- Added support for Media Manager plug-in in the SystemBuilder application
- Added engraver support for buttonless 1700-series touchpanels
- All IR drivers have been updated with new "standard command" info (the function names and IR data inside each driver have not been changed)
- Added new Bill Of Materials database for use with SystemBuilder and future applications
- Added/updated modules for the following video projectors
  - Barco iQ
  - Eiki LC-X986
  - Eiki LC-XG100
  - Epson 8300
  - Epson EMP-5600
  - Epson EMP-7600
  - Epson EMP-7700
  - Epson EMP-8100
  - Epson EMP-8150
  - Epson EMP-9100
  - Epson EMP-8200
  - Hitachi CP-X870 Projector.cmc
  - HP xp8010
  - InFocus ScreenPlay 7200
  - JVC DLA-SX21
  - Mitsubishi X500U
  - NEC MT-860
  - NEC MT-1060
  - NEC MT-1065
  - Runco VX-5000c
  - Sharp PG-A10S

Version 16.0.4
- Fixed bogus SIMPL+ references in "Carrier Comfort Zone II v3" module
- Updated "Check For Program Changes" module
- Updated Vacation Scheduler module (used by D3 Pro)
- Fixed bug where TPS-3000L Rackname should be TPS-3000L and firmware prefix should TPS-3000.
- Added IR drivers for the following devices
  - Dukane / 8756 / Projector
  - JVC / SRV10U / VCR
  - Samsung / VS-3500 / DVD
  - Sony / DVP-NC665P / DVD
  - Sony / SLV-900 / VCR

- Sony / SLV-N500 / VCR
- Zenith / L30W36 / Plasma

Version 16.0.2
- Fixes bug where converting projects into XPanel would lose certain join numbers
- Add new IR and RS-232 devices

Version 16.0.0
- 15 new IR drivers
- Updated Reserve Joins database for VTPro-e
- Updated Scheduler modules to support NVRAM Disk
- D3 Pro support:
  - updated 3-Wire Motor model
  - updated Bill Of Materials database
  - updated module wizard rules to change default load assignments
  - allow "switched" load types to be places on CLX-xDIMy modules

Version 15.9.9
- Release version including some minor fixes to v15.9.8

Version 15.9.8
- AppBuilder and D3 Pro support for the following:
  - RACK2 control processor
  - CLW-DIM, CLW-DIMS, CLW-SW, CLW-SWS
  - C2N-DB12, C2N-DB8, C2N-DB6
  - CHV-TSTAT, CHV-THSTAT
  - CNAMPX-7x200 (AppBuilder only)
- Improved Toggle and Toggle-Dim behavior for D3 Pro (v1.1 only)
- Updated BOM table for generating Bill Of Materials reports in D3 Pro
- Approx 20 new 3rd party models

Version 15.9.5
- TPS-1700 support in AppBuilder/D3 Pro

Version 15.9.4
- TPS-1700 support in AppBuilder/D3 Pro
- Misc. module additions/upgrades

Version 15.9.3
- New modules for MP2 SystemBuilder support
- New D3 Pro support modules

Version 15.9.2
- Internal changes/bug-fixes only

Version 15.9.1
- Adds standard command support for DEAL, SIMPL Windows
- A number of new monitor/projector modules to support the MP2 Wizard
- Existing monitor/projector modules were updated to use new standard naming conventions
- Added CLW-DIM/SW support for D3 Pro

Version 15.9.0
- Support for MP2 Wizard
- New modules for support of D3 Pro v1.1
- Updated lighting database for support of CLX-1FAN4 and CLX-1DELV4

Version 15.8.7
- New/improved modules for use with D3 Pro et al.
- 12 new IR drivers
- Updated Bill Of Materials DB (used by D3 Pro)

- Added location info for Canadian cities (used by D3 Pro)

Version 15.8.6
- Enables XPanel target-type and simulation mode in VTPro-e

Version 15.8.5
- Support for D3 Pro software
- 60+ new IR device drivers
- Updated Engraver interface support
- Support for new touchpanel models

Version 15.7.5
- Updated AudioRequest module (previous version broke CNX-series compatibility)
- Updated Tandberg 6000 Consolidated module
- A number of minor fixes relating to Crestron Home Audio and Audio/Video Dist. modules
- Added the following relating to VTPro-e:
  - ST/STX-1700 Support
  - Added Engraving support for CNIRHT-15/30, CNRFHT-15/30, CNX-B12, CNX-B8, CNX-B6, CNX-B4, CNX-B2, and ST/STX-1700
  - Standardized Reserved Join Names
  - Added Reserved Join Information for DVP-4 and ST/STX-1700

- Added approx. 40 new IR-controlled devices

Version 15.7.4
- Updated AudioRequest module
- Modified the Animation Engine and Timer modules to be AppBuilder compatible
- Added AppBuilder events to a number of modules
- Updated the Audio Distribution CNRFHT-30 module (for AppBuilder) to remove an undriven signal warning
- Buffered output signal on power/standby extender modules to prevent a "signal jamming" error via AppBuilder.

Version 15.7.3 (BETA)
- Added support for TPS RF panels via AppBuilder
- Updated AudioRequest module
- Added 37 IR drivers that were missing in v15.7.2

Version 15.7.2 BETA (Build 2)
- Added support for CNX-Bxx panels to VTPro-e (for AppBuilder) and Crestron Engraver
- Added AppBuilder support for CNX-BF12/BN12 keypads with Audio/Video Distribution plug-ins
- Added approx. 20 new IR-controlled devices

Version 15.7.1 BETA
- Modified AMP definitions to be compatible with latest SIMPL Windows version
- Updated some AV Distribution modules to correct bugs
- Added support for TPS-2000 to VTPro-e v2.3.x.x or later

Version 15.7.0 BETA (Build 4)
- Added CNAMPX models for use with AV Distribution et al.
- Updated PanelDef.mdb to be compatible with the Crestron Engraver Software
- Added misc. controlled devices

Version 15.6.8
- Modified support for Crestron Engraver software
- Added support for TPS-2000

Version 15.6.7
- Included new crssplus.dat file (same file as was posted separately on web site).
- Updated paneldef.mdb database to add support for Crestron Engraver software

Version 15.6.6

- Updated the crssplus.dat file (which contains all Crestron SIMPL+ modules) to correct a problem with a few modules.
- Added RS-232/422 control modules for the following devices:

- Make / Model / Device Family
- Lectrosonics / AM8 / Mixer
- Lectrosonics / AM16 / Mixer
- Lectrosonics / MM8 / Mixer
- Lectrosonics / TH2 / Mixer
- Lectrosonics / TH3 / Mixer
- Lectrosonics / AV62 / Mixer
- CentraLite / Elegance / Lighting
- Lexicon / DC-2 / Preamplifier
- Lexicon / MC-1 / Preamplifier
- JBL / SPD-3 / Audio Processor
- Lightolier / Brilliance II / Lighting
- Cooper Ltg / AddressPro / Lighting
- Denon / AVR-4802 / Receiver
- Denon / AVR-5600 / Receiver
- Epson / EMP-5600 / Video/Data Projector
- Epson / EMP-7600 / Video/Data Projector
- Epson / EMP-7700 / Video/Data Projector
- Epson / EMP-8100 / Video/Data Projector
- Epson / EMP-8150 / Video/Data Projector
- Epson / EMP-9100 / Video/Data Projector
- Gentner / XAP TH1 / Conferencing
- Hitachi / CMP-307 / Monitor
- Kenwood / VR-5900 / Receiver
- Krell / DVD Standard / DVD
- Krell / Home Theater Std / Preamplifier
- Lutron / Radio Touch / Lighting
- Proceed / AVP / Preamplifier
- Onkyo / Integra DPS-9.1 / Receiver
- Onkyo / Integra DTR-8.2 / Receiver
- Onkyo / Integra DTR-9.1 / Receiver
- Philips / DVD-170 / DVD
- RGB Spectrum / QuadView / Video Processor
- Rotel / RC-1070 / Preamplifier
- Rotel / RC-1090 / Preamplifier

Version 15.6.5

- Removed read-only flag from Crestron SIMPL+ files, which would cause SIMPL+ compilation to fail.

Version 15.6.4

- Updated Crestron SIMPL+ modules to be compatible with the 2-Series control systems

Version 15.6.2

- Updated Crestron SIMPL+ modules to be compatible with the 2-Series control systems
- Added "Camera" as valid device family for the AppBuilder "AV Distribution" plug-in

Version 15.6.1

- Added support for the "AV Distribution" AppBuilder plug-in
- upgraded all Crestron Modules to be compatible with 2-Series Control processors
- Added 11 new IR-controlled devices

Version 15.6.0

- Revised to be compatible with WinDeal v2.1 or later
- Updated PictureTel and Tandberg "consolidated" modules

- Added 5 new IR-controlled devices

Version 15.5.5
- Added approx. 50 new IR-controlled devices
- Fixed queries that caused Application Builder to list devices for which no control was available.

Version 15.5.4
- Changed the "manufacturer" for an audio signal from "(Generic)" to "Crestron" to make finding it easier.

Version 15.5.3
- Initial release with Application Builder support

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