R E L E A S E   N O T E S

Crestron Toolbox

Crestron Toolbox Release Notes

Introduction

Thank you for installing the Crestron Toolbox. The following sections are available in the release notes:

- **NEW Changes Since Last Version**
- **Known Issues**
- **Toolbox Change Log History**
- **System Requirements**

System Requirements

Supported Operating Systems

- Windows Server 2008
- Windows 7 32-bit and 64-bit platforms supported. Installation requires an admin account, but can be run under an account with normal privileges.
- Windows 8/8.1 supported. Installation requires an admin account, but can be run under an account with normal privileges.
- Windows 10 supported. Installation requires an admin account, but can be run under an account with normal privileges.
- **Special note:** Pro Sound Tools automatic speaker calibration is limited to 32-bit versions of the above listed operating systems.

Minimum required PC configuration

- Windows 7: 1GHz x86 w/1GB RAM
- A display resolution of 1366x768 or better

Recommended PC configuration

- Windows 7: 1.5GHz x86 w/2GB RAM
- A display resolution of 1366x768 or better

Changes Since Last Version

Toolbox 3.01.527 (7-26-2018)

MD5 Hash: [2a7ca1c2538fb5b0a8eab0317a450671] crestron_toolbox_3.01.527.00.exe.

- Core Toolbox

- Enhancements to Core UI
- Enhancements to License Manager
- Enhancements to Router Configuration Utility
- Enhancements to Audit Logs UI
- Stability enhancements to Authentication dialog
- General and stability enhancements to Addressbook
- IP table utility enhancements
- Update Easy Config, System Info and Network Device Tree to show the IP address of the actual device connected to the IP table entry
- Update made to console connection handling when change made to protocol configuration
- Fix error when sending a project directly to the Crestron App for Android
- DM Tool
  - Enhancements to UI and tool
- DMPS Tool
  - Enhancements to UI and tool
- SIMPL Debugger
  - Stability enhancements
- System Info
  - Enhancements to Ethernet Dialog
  - Update Ethernet Dialog to allow hostnames starting with digit for DM switchers
- EDID Tool
  - Enhancements to UI
  - Stability enhancements
  - Fixed bug with customizing VGA card EDID
- InfiNET Diagnostic Tool
  - No Tool Changes
- Sonnex Tool
  - Fixed bug where some speaker model's description names did not match the model name
- Power Management Tool (CEN-UPS1250)
  - No Tool Changes
- Device Discovery Tool
  - Added remote device discovery and reporting
    - The Device Discovery Tool can now discover devices on a remote network using the IP Address of a control system as its point of entry into the remote network. The user can switch between a local discovery using the user's pc and a remote discovery using the remote control system by selecting the "Remote" radio button and selecting an address from the address dropdown on the tool frame.
    - A summary of the discovered devices can be written to a text file which can be imported into Excel. This Device Summary includes the following information: Hostname, IP Address, Model Name, Firmware Version, TSID, and Serial Number.
  - Fix bug where IP Address of XIO Director with long host-name is not fully visible
- Device Learner
  - Fix bug for power up and power down times sometimes not being configured correctly
  - Fix bug for sending .PKG to device
- PROCISE Tool
  - Enhancements to UI
- DVPHD Tool
  - No Tool Changes
- BPC8 Tool
  - No Tool Changes
- DALI Commissioning Tool
  - No Tool Changes
- Network Device Tree
  - Enhancements to UI
  - Stability enhancements
  - Fix error that occurred when connecting to DMPS3
  - Save the configuration parameters set by right-click/Show Configuration Dialog
- Package Update Tool
  - Stability Enhancements
  - Enhancements to UI
- ProSound Tools
  - No Tool Changes
- HDXSP Tool
  - No Tool Changes
- Script Manager
  - No Tool Changes
- Security Audit Tool
  - No Tool Changes

- Text Console
  - No Tool Changes

Known Issues

The following are items which may differ than what might be expected but are by design and are not planned to change.
- Serial HW Handshaking (RTS/CTS) is stricter than the Viewport was. If a device has RTS/CTS on and Toolbox does not, you will not be able to communicate.

The following issues are known and will be addressed in future versions.

- **NEW** Toolbox does not support concurrent use by multiple users on a PC. In otherwords, you cannot run Toolbox under one user then use the Windows switch user function and run Toolbox under the other user as well.
- A computer going into Sleep or Hibernate mode may cause a running instance of Toolbox to enter the "Switch-To-Retry" state.
  While we are actively looking for a resolution to this problem, knowing this is a trigger may help avoid this situation.
- When naming addresses in the address book, do not start those names with "tcp", "ssl", "usb" or "rs232" as these while they will work for direct connections will not work properly if used in indirect connections.
- X Generation Processors do NOT support Touch Settable ID operations. Therefore when there are conflicting TSIDs on a cresnet network on an X Generation System, The Network Tree will show these conflicts and not allow any operations on those devices. In addition there is no way to resolve the conflict on the X Generation Processor. A work around is to address the device specifically in the address book and connect to it using the System Info Tool. Using this tool you will be able to perform all the same operations you would have through the Network Device Tree.
- Transfer dialogs restrict transfers to one at a time. Use a script or multiple instances of Toolbox for simultaneous transfers.
- Some error messages leave much to be desired.
- USB driver is Unsigned and thus may cause Windows to attempt to find a better one online or show warnings upon installation.
- While using the QM Audio Config Tool, if you have a text cosnole open to the same device over cresnet, some operations and updates may be slower than usual. To correct this, close all text consoles while using the QM Audio Config Tools.
- Regarding the "Allow 16-level fonts to load" check box on the Touch Panel Project Dialog. VTPro uses this standard project dialog so the setting WILL be in effect. The only stipulation is that VTPro can be set to auto-load the project in which case the dialog does not give the user a chance to change settings and just starts loading immediately. In this case it may be missed, or they will have to turn off the auto-send to have a chance to change the setting. The setting will be persistent in this case. So if they uncheck then turn auto-send back on, it will continue to send only the 4-level fonts. Loads through System Builder and D3Pro do NOT use this standard dialog and therefore will always attempt to load 16-level fonts if the panel supports them, regardless of the state of this check box. To specify this setting in scripting see the command ability_functions_DisplayListSetSpecialLoadBehavior. Also note that some models of touch panels have a command to disable 16-level font support wchich if done, will override any Toolbox setting and prevent the 16-level fonts from loading. See the release notes of the latest FW for your Touch Panel for details.
- Regarding DM Tool for DigitalMedia. While the DM Tool is running, if the connected device (DM Switcher) experiences a reboot for ANY reason The DM Tool will no longer show correct status updates. In this case you should close all Toolbox tools and Apps (including SIMPL Windows, System Builder, VTPro-E) and then relaunch the DM Tool.
- All Tools: if multiple instances of a tool are opened, then one is closed, all other open instances will not work correctly. If this occurs, close down all open tool instances, then open a new tool instance to have full functionality restored.
- Under certain network conditions involving Ethernet devices without control system connections, the InifiNetEX diagnostics tool may not show InfinetEX devices or any appear to hang. To work around this until it is fixed, connect directly to the InfiNetEX gateway.
  This may be an Ethernet address for external gateways or it may be an indirect slot address for built in gateways on the 3-Series processors.

The following issues involving Toolbox have work arounds or posted fixes, and therefore will not be fixed.
- The SMW Program Tree may not show proper menu items for certain devices which cannot be programmed in SIMPL windows. This includes but is not limited to the AES. A fix for this issue has been included in SIMPL Windows 2.07.21.

The following issues involve interactions between Toolbox and some third party applications which may be installed on a computer. There are no plans on resolving these issues beyond updating or uninstalling the noted application.

- Regarding PROCISE Tools and Sonnex Tool. Computer may hang, crash, and/or be unresponsive to keyboard and mouse input while using the Parametric Equalizer in these tools. This issue is caused by NVIDIA drivers and programs that NVIDIA installs during the driver install. To resolve this, go to the NVIDIA website [www.nvidia.com] and install the latest drivers. During the install, be sure to check "Perform Clean Install", and remove (uncheck) ALL components other than the "Graphics Driver".
  - Stardock WindowBlinds is an application related to customizing the user interface of windows. This application causes the Toolbox menu items to incorrectly show as disabled, and causes the action taken when an item is selected to be something other than what is expected. Like launching the System Info Tool when you try to start logging in the text console.

Toolbox currently does not support the following.

- Devices
  - Most X Generation control System Operations. Detection, and support for loading through an X Generation Processor IS supported starting with Toolbox v1.06.23.
  - MS Style Control Systems
  - ST-CP Control Systems
  - CNX-RMCLV, CNX-RMC - Direct Connections. You can change network IDs using the network device tree when connected to a 2-Series processor.
  - CNXTA cards
- Specific Functionality
  - Set Transmitter ID
  - iLux with slave iLux(s) connect on local cresnet using Network Tree takes excessive CPU time. ~1 min per slave.

Toolbox Change Log History

Toolbox 3.01.481 (6-15-2018)

MD5 Hash: [5919cbe1ddba64edfba4687d4a872880] crestron_toolbox_3.01.481.00.exe

- Core Toolbox
  - Fixed issue where changing VC4 server address from Device Info would not update IP table properly
  - COM Server stability enhancement
- DM Tool
  - Improved stability in a 4KZ group-3 32x32 fully loaded system
- DMPS Tool
  - No Tool Changes
- SIMPL Debugger
  - No Tool Changes
- System Info
  - Restore SSL Management Dialog for Android systems (inadvertently removed in last release)
  - Include PEM certificate file type for uploading certificate
- EDID Tool
  - No Tool Changes
- InfiNET Diagnostic Tool
  - No Tool Changes
- Sonnex Tool
  - No Tool Changes
- Power Management Tool (CEN-UPS1250)
  - No Tool Changes
- Device Discovery Tool
  - Added discovery tool icon for 4KZ-TX-202/302
- Device Learner
  - PYNG compatibility updates
- PROCISE Tool
  - No Tool Changes
- DVPHD Tool
  - No Tool Changes
- BPC8 Tool

- No Tool Changes
- DALI Commissioning Tool
  - No Tool Changes
- Network Device Tree
  - Enhancement for the D3Pro in lighting systems
- Package Update Tool
  - Direct PUF loading support for DSP-128x
- ProSound Tools
  - No Tool Changes
- HDXSP Tool
  - No Tool Changes
- Script Manager
  - Enhancement for logic syntax checking
- Security Audit Tool
  - No Tool Changes
- Text Console
  - No Tool Changes

Toolbox 3.01.460 (5-21-2018)

MD5 Hash: [17f523c2bfbf7c5a545febfa0e6df58e] crestron_toolbox_3.01.460.00.exe

- Core Toolbox
  - General stability updates
  - Documentation updates
- DM Tool
  - UI enhancements
- DMPS Tool
  - No Tool Changes
- SIMPL Debugger
  - By default, the debugger will connect to a controller using the secondary console (as shown in connection address box at bottom of screen)
  - This is selectable from the Debugging Settings top menu
  - Using the secondary console improves stability when using SIMPL Debugger and other tools at the same time
- System Info
  - No Tool Changes
- EDID Tool
  - UI enhancements
- InfiNET Diagnostic Tool
  - No Tool Changes
- Sonnex Tool
  - No Tool Changes
- Power Management Tool (CEN-UPS1250)
  - No Tool Changes
- Device Discovery Tool
  - UI enhancements
- Device Learner
  - Device learner can now create packages for RAD driver IR files
- PROCISE Tool
  - No Tool Changes
- DVPHD Tool
  - No Tool Changes
- BPC8 Tool
  - No Tool Changes
- DALI Commissioning Tool
  - No Tool Changes
- Network Device Tree
  - Stability enhancement
- Package Update Tool
  - Fixed issue with updating infinetEX when acquired to and internal RF gateway
- ProSound Tools
  - No Tool Changes
- HDXSP Tool
  - No Tool Changes
- Script Manager
  - Added $scriptindex pre-defined variable (contains the 1-based index number of the script)
  - Added ScriptIndexOffset keyword (a value added to $scriptindex)
  - Added AbortOnTestFail keyword, and SetAbortOnTestFail and ResetAbourOnTestFail commands

- These can be used to alter the default script behavior which is to not abort the script if the TestResults command returns a failure
        - **Note:** All of the above is documented in Toolbox Reference Documentation
    - Security Audit Tool
        - Removed RS232 and indirect connections
    - Text Console
        - Console address text box moved from bottom right to bottom center and size increased

Toolbox 3.01.355 (2-21-2018)

MD5 Hash: [fef2115ec44f8a36f920a9a3cbedd386] crestron_toolbox_3.01.355.00.exe

- Core Toolbox
    - Added device support for the first wave of DM-4KZ devices
    - USB driver re-signed for Windows 10
    - Added MPC3-201 support
    - Corrected S# debugger issue where multiple, "The Control System has Exited Debugging Mode" messages were displayed
    - Added TSR-310 support
    - Updated name in dialogs to, "XiO Cloud" for 3-series control systems
    - Bugs Fixed
        - Various crashes fixed
        - Updated Shade/Drapes tool so it will work with the CSM-QMTDC-DRP-3-CN
        - EDID Tool - Corrected issue where text could be cut off on some dialogs
- DM Tool
    - No Tool Changes
- DMPS Tool
    - No Tool Changes
- SIMPL Debugger
    - No Tool Changes
- System Info
    - No Tool Changes
- EDID Tool
    - No Tool Changes
- InfiNET Diagnostic Tool
    - No Tool Changes
- Sonnex Tool
    - No Tool Changes
- Power Management Tool (CEN-UPS1250)
    - No Tool Changes
- Device Discovery Tool
    - No Tool Changes
- Device Learner
    - No Tool Changes
- PROCISE Tool
    - No Tool Changes
- DVPHD Tool
    - No Tool Changes
- BPC8 Tool
    - No Tool Changes
- DALI Commissioning Tool
    - No Tool Changes
- Network Device Tree
    - No Tool Changes
- Package Update Tool
    - No Tool Changes
- ProSound Tools
    - No Tool Changes
- HDXSP Tool
    - No Tool Changes
- Script Manager
    - No Tool Changes
- Security Audit Tool
    - No Tool Changes
- Text Console
    - No Tool Changes

Toolbox 3.01.310 (2-12-2018)

MD5 Hash: [4372bbb33debbdde83508bebf16083d2] crestron_toolbox_3.01.310.00.exe

- Core Toolbox
  - Support XIO Cloud in 3-series control systems.

Toolbox 3.01.247 (1-17-2018)

MD5 Hash: [7315348c3cf7271ad23fc18ab2f948ba] crestron_toolbox_3.01.247.01.exe

- No Toolbox changes since 3.01.243. The only changes in this version are to the Avia Tool.

Toolbox 3.01.243 (12-28-2017)

MD5 Hash: [2ae7be8c0d553d062109c53785974fe9] crestron_toolbox_3.01.243.00.exe

- Core Toolbox
  - Built with .NET 4.60
  - Updated Visual Studio libraries
  - Added HR-310 support
  - Corrected DMPS2 related issue that brought up warnings related to no programs running
  - Various crashes fixed
- DM Tool
  - Fixed: Various text labels could be cutoff depending on the monitor resolution
  - Fixed: Potential crash on clicking the setup button on input cards
- DMPS Tool
  - Updated help file
- SIMPL Debugger
  - Fixed crash that could happen on saving to a file
- System Info
  - No Tool Changes
- EDID Tool
  - No Tool Changes
- InfiNET Diagnostic Tool
  - No Tool Changes
- Sonnex Tool
  - No Tool Changes
- Power Management Tool (CEN-UPS1250)
  - No Tool Changes
- Device Discovery Tool
  - Added a few device images
  - Corrected issue where DMPS3-4K-300 IP table would show (0)
- Device Learner
  - Bug fix: Addressed issue where the IR learner would not operate on only some Win8/Win10 machines
- PROCISE Tool
  - No Tool Changes
- DVPHD Tool
  - No Tool Changes
- BPC8 Tool
  - No Tool Changes
- DALI Commissioning Tool
  - No Tool Changes
- Network Device Tree
  - No Tool Changes
- Package Update Tool
  - No Tool Changes
- ProSound Tools
  - No Tool Changes
- HDXSP Tool
  - No Tool Changes
- Script Manager
  - No Tool Changes
- Security Audit Tool
  - Updated Help File
  - Fixed issue where updated security policy was not overwriting previous policy
- Text Console
  - No Tool Changes

Toolbox 2.43.862 (12-18-2017)

MD5 Hash: [2614f3ed566f1e394fcb4140f09c2bce] crestron_toolbox_2.43.862.04.exe

- Removed automatic myCrestron popup displayed on initial connection to 3-series processors
    - This option is still available under Functions->Device Info
    - For details, see the help file topic, "myCrestron Cloud Connection"

Toolbox 2.43.849 (11-8-2017)

MD5 Hash: [7ad25642181007937cde9e67f9a31aeb] crestron_toolbox_2.43.849.00.exe

- Core Toolbox
    - Added dialog to be displayed on initial connection to 3-series processors
        - For details, see the help file topic, "MyCrestron Cloud Connection"
    - Added support for the DMPS3-4K-250/350-C
    - Added firmware direct PUF update support for compatible touch screens
    - Auto-detects resolution to set the size of the main Toolbox icons the first time
    - Made a variety of stability improvements
- DM Tool
    - Fixed: HDCP2 is not reported on the RMC-4K-SCALER-C
    - Fixed issue where the DM-RMC-4K-SCALER-C-DSP did not report all information properly
- DMPS Tool
    - Shows connection error dialog on top of other dialogs
    - Corrected display issue where program out would always show Mono, even if it was set to Stereo
- SIMPL Debugger
    - Corrected issue where disconnect dialog would not display if there were 2 different COM Servers running.
    - Addressed issue where reloading a program would not properly load/resync signals after a reconnect
- System Info
    - No Tool Changes
- EDID Tool
    - No Tool Changes
- InfiNET Diagnostic Tool
    - No Tool Changes
- Sonnex Tool
    - Fixed a stability issue
    - Corrected issue where Sonnex Tool reported No Signal when there is audio playing
    - Corrected issue where zone and source names could be lost
- Power Management Tool (CEN-UPS1250)
    - No Tool Changes
- Device Discovery Tool
    - Adds model name to comment field when writing to address books
    - Added Functions menu so you can get to all of the same dialogs that are in the System Info Tool
- Device Learner
    - When unable to save to the UserDB Folder Toolbox now provides a warning to the user
- PROCISE Tool
    - No Tool Changes
- DVPHD Tool
    - No Tool Changes
- BPC8 Tool
    - No Tool Changes
- DALI Commissioning Tool
    - No Tool Changes
- Network Device Tree
    - No Tool Changes
- Package Update Tool
    - Added firmware direct PUF update support for compatible touch screens
- ProSound Tools
    - No Tool Changes
- HDXSP Tool
    - No Tool Changes
- Script Manager
    - No Tool Changes
- Security Audit Tool
    - No Tool Changes
- Text Console
    - Added back Disconnect menu item to exit from passto mode

Toolbox 2.43.762 (8-23-2017)

- Core Toolbox
    - Added new Tool: Security Audit Tool

- The Security Audit Tool allows you to verify if a device meets a specific Target Security Level
- For details, see the help file
    - Includes USB RNDIS driver update for Windows-7
    - Added Support for real-time mode updates to D3 Pro
    - Improved resilience when multiple System Info tools are open at the same time
    - Improved path validation with Web and Mobility Projects dialog
    - Fixed crash when uploading via SIMPL when the program file name was too long (148 characters)
    - Added feature to cycle thru 3 difference window layouts: cascade->tile horizontal->tile vertical->cascade…. when the user presses the Alt-V keys.
- DM Tool
    - Fixed: Potential lockup when opening multiple DM Tools and Device Discovery
    - Fixed issue where DM tool fails to connect when launched from Easy Config
- DMPS Tool
    - Corrected 2-series connection issue
    - Fixed a variety of stability issues
    - Addressed a scenario that could cause a switch-to-retry lockup
    - Added support for the TS-1542 and DM-DGE-200-C
- SIMPL Debugger
    - Classic icons are now available, select: "Debugging Settings"->"Trace Signal Icons"->"Classic" or "SIMPL Windows"
    - You no longer have to reconnect to a controller after updating a program; reloading continues the debugging session
    - In the main trace window, you can select multiple lines then use context menu, or ctrl+c to copy the contents to the clipboard
    - The main window size and column spacing is saved between debugging sessions.
- System Info
    - Corrected crash that could occur after changing hostname
- EDID Tool
    - No Tool Changes
- InfiNET Diagnostic Tool
    - No Tool Changes
- Sonnex Tool
    - No Tool Changes
- Power Management Tool (CEN-UPS1250)
    - No Tool Changes
- Device Discovery Tool
    - Adds model name to comment field when writing to address books
    - Added Functions menu so you can get to all of the same dialogs that are in the System Info Tool
- Device Learner
    - Protects against a potential crash after changing a user IR file then updating the user database
- PROCISE Tool
    - No Tool Changes
- DVPHD Tool
    - No Tool Changes
- BPC8 Tool
    - No Tool Changes
- DALI Commissioning Tool
    - No Tool Changes
- Network Device Tree
    - No Tool Changes
- Package Update Tool
    - Fixed issue where battery powered keypads would not display correctly
    - Added support for DM-TX/TMC-4K-100-C-1G
    - Corrected 4K/ 200 DPI issues where many controls would be cut off
- ProSound Tools
    - No Tool Changes
- HDXSP Tool
    - No Tool Changes
- Script Manager
    - No Tool Changes
- Security Audit Tool
    - Initial Release
- Text Console
    - Added Functions menu so you can get to all of the same dialogs that are in the System Info Tool

Toolbox 2.43.601 (6-8-2017)
- Core Toolbox
    - Temporarily removed the Crestron Cloud Opt-in Dialog

Toolbox 2.43.504 (6-1-2017)
- No Core Toolbox changes. The only changes in this version are to the AVIA Tool

Toolbox 2.43.434 (5-23-2017)

- Core Toolbox
  - Added direct PUF firmware update for 3series
    - For faster and more reliable firmware updates
  - Includes support for large Tool icons
    - File->Preferences->Toolbar Icon Size
  - Added Crestron Cloud Opt-in Dialog
  - Includes a variety of stability improvements
  - Fixed: D3 Pro Upload issue when uploading through a PAC2M or a PAC2
- DM Tool
  - Fixed: Data file errors reported when opening workspace with multiple DM tools
  - Updated DM Tool Icon
- DMPS Tool
  - Grayed out Program Out, Aux1, Aux2, Codec1, and Codec2 volume controls for Analog Output Configuration, when routed to a mixer bypassed
  - Corrected potential lockup with multiple instances of Toolbox and DMPS Tool opened
  - Fixed a potential crash
- SIMPL Debugger
  - Fixes potential SIMPL Debugger crash while downloading sig file from processor
- System Info
  - Fixed: Changing static IP in system info does not reconnect after rebooting
  - Corrected discrepancies between functions available in SystemInfo and EasyConfig for various devices
- EDID Tool
  - Enhanced to store imported EDID information
- InfiNET Diagnostic Tool
  - No Tool Changes
- Sonnex Tool
  - No Tool Changes
- Power Management Tool (CEN-UPS1250)
  - No Tool Changes
- Device Discovery Tool
  - Corrected case where incomplete device data displayed
- Device Learner
  - No Tool Changes
- PROCISE Tool
  - No Tool Changes
- DVPHD Tool
  - No Tool Changes
- BPC8 Tool
  - No Tool Changes
- DALI Commissioning Tool
  - No Tool Changes
- Network Device Tree
  - Corrected: Not being able to change cresnet IDs via the Network Device Tree via PAC2 232
- Package Update Tool
  - Direct PUF firmware update for 3series
  - Various improvements for the Zum product line
- ProSound Tools
  - No Tool Changes
- HDXSP Tool
  - No Tool Changes
- Script Manager
  - No Tool Changes

Toolbox 2.43.337 (3-31-2017)

- Core Toolbox
  - Added Dashboard view to DMPS Tool
    - Summary view to quickly see a high-level overview of the state of the system
    - See the DMPS Tool help file for more details
  - Added support for Zum product line
  - Fixed crash that could occur during canceling a program upload
  - Enabled Backup/Restore feature for DIN-AP3MEX
- DM Tool
  - Corrected an issue that could have resulted into a switch-to-retry dialog on tool startup

- DMPS Tool
  - Added Dashboard view to DMPS
- SIMPL Debugger
  - No Tool Changes
- System Info
  - No Tool Changes
- EDID Tool
  - Updated the default EDID templates
- InfiNET Diagnostic Tool
  - No Tool Changes
- Sonnex Tool
  - Corrected issue where, "automatically update my address book" being checked would not allow the connection to proceed
- Power Management Tool (CEN-UPS1250)
  - No Tool Changes
- Device Discovery Tool
  - No Tool Changes
- Device Learner
  - No Tool Changes
- PROCISE Tool
  - No Tool Changes
- DVPHD Tool
  - No Tool Changes
- BPC8 Tool
  - No Tool Changes
- DALI Commissioning Tool
  - No Tool Changes
- Network Device Tree
  - No Tool Changes
- Package Update Tool
  - No Tool Changes
- ProSound Tools
  - No Tool Changes
- HDXSP Tool
  - No Tool Changes
- Script Manager
  - No Tool Changes

Toolbox 2.42.703 (2-28-2017)

- Core Toolbox
  - Added "Diagnose" button to System Info Tool. This button is active for 3-series processors only. See help file for more details
- DM Tool
  - No Tool Changes
- DMPS Tool
  - No Tool Changes
- SIMPL Debugger
  - No Tool Changes
- System Info
  - Added "Diagnose" button to the top header of the tool.
- EDID Tool
  - No Tool Changes
- InfiNET Diagnostic Tool
  - No Tool Changes
- Sonnex Tool
  - No Tool Changes
- Power Management Tool (CEN-UPS1250)
  - No Tool Changes
- Device Discovery Tool
  - No Tool Changes
- Device Learner
  - No Tool Changes
- PROCISE Tool
  - No Tool Changes
- DVPHD Tool
  - No Tool Changes
- BPC8 Tool
  - No Tool Changes

- DALI Commissioning Tool
  - No Tool Changes
- Network Device Tree
  - No Tool Changes
- Package Update Tool
  - No Tool Changes
- ProSound Tools
  - No Tool Changes
- HDXSP Tool
  - No Tool Changes
- Script Manager
  - No Tool Changes

Toolbox 2.42.678 (2-17-2017)

- Core Toolbox
  - Added Support for AMP-8150 and AMP-8075
  - Corrected an error clearing and setting the IP table on 3 series processors
  - Triggers required reboot after Turning Authentication on for touch screens
  - Added extra protection to avoid perpetually loading a corrupt workspace file
  - Improved reliability in uploads to DGE- products
  - Various Help File updates
  - Set preferred address for PC-x00 to CTP
  - Fixed issue related to unable to add a new IP entry to a DM-RMC-4K-Scaler-C in a standalone configuration
  - Fixed a potential Toolbox COM Server crash
  - Install Related - Reinstated QM-Tools
- DM Tool
  - Corrected placement of Multicast Address Detected indicator
  - Corrected intermittent issue where DM Tools would connect but will not detect any devices
  - Protects against a potential exception that could occur in the DM Tool and DMPS Tools
- DMPS Tool
  - Fixed issue where DMPS did not send the off command resulting in a DTMF digit tone stuck on
- SIMPL Debugger
  - Corrected broken bookmark feature
  - Added menu option to "Display Default Bookmark"
    - System Info
  - No Tool Changes
- EDID Tool
  - No Tool Changes
- InfiNET Diagnostic Tool
  - Corrected an uncaught exception
- Sonnex Tool
  - No Tool Changes
- Power Management Tool (CEN-UPS1250)
  - No Tool Changes
- Device Discovery Tool
  - Fixed refresh issue after Firmware or TSID change
  - DMPS3-4K-300-C Fixed- Unable to connect to Web UI when using the hostname
- Device Learner
  - No Tool Changes
- PROCISE Tool
  - No Tool Changes
- DVPHD Tool
  - No Tool Changes
- BPC8 Tool
  - No Tool Changes
- DALI Commissioning Tool
  - No Tool Changes
- Network Device Tree
  - No Tool Changes
- Package Update Tool
  - No Tool Changes
- ProSound Tools
  - No Tool Changes
- HDXSP Tool
  - No Tool Changes
- Script Manager
  - No Tool Changes

Toolbox 2.42.558 (1-3-2017)

- Core Toolbox
    - Added support for the DMPS3-4K-200/300/400 products.
    - Addressed a few COM server stability issues.
- DM Tool
    - No Tool Changes.
- DMPS Tool
    - Corrected jumpy Audio Compensation slider on the Input Configuration tab.
- SIMPL Debugger
    - Fixed crash when closing while Network Device Tree is updating.
    - Fixed intermittent crash when exiting the debugger.
- System Info
    - Corrected issue with enabling the HTTP port on 3-series.
    - Corrected issue in Ethernet Addressing dialog related to displaying DNS server after disabling DHCP.
    - infiNET EX Dialog- Fixed RF channel drop-down issue, where even after the channel was correctly changed, the dialog would show the previous value.
- EDID Tool
    - No Tool Changes
- InfiNET Diagnostic Tool
    - No Tool Changes
- Sonnex Tool
    - No Tool Changes
- Power Management Tool (CEN-UPS1250)
    - No Tool Changes
- Device Discovery Tool
    - Easy Config- Correctly disables filters buttons until the system is ready with valid values.
- Device Learner
    - No Tool Changes
- PROCISE Tool
    - No Tool Changes
- DVPHD Tool
    - No Tool Changes
- BPC8 Tool
    - No Tool Changes
- DALI Commissioning Tool
    - No Tool Changes
- Network Device Tree
    - Fixed issue with infiNET gateway not correctly showing acquired devices when launched from MC3 root node.
- Package Update Tool
    - No Tool Changes
- ProSound Tools
    - No Tool Changes
- HDXSP Tool
    - No Tool Changes
- Script Manager
    - No Tool Changes

Toolbox 2.42.541 (12-1-2016)

- Core Toolbox
    - Added Support for Gateway Configuration Backup and Restore
    - Added Certificate Signing Request dialog
    - Toolbox File Open/Save Dialogs now remember last folder opened/saved to
    - In all applicable tools that use "Clear Net ID's for All Devices" now provides a confirmation message box before executing
- DM Tool
    - Added 4K60 output resolution support for RMC-4K-Scaler-C and DMC-4K-HDO
- DMPS Tool
    - Protected against a crash related to running an Ethernet Discovery
- SIMPL Debugger
    - The debugger will now notify the user if the connection between the debugger and the control system is disconnected, or, if the control system reboots. No attempt is made to recover, the user should evaluate the situation and proceed.
    - Changed the digital icons to be higher contrast.
    - Extra "\" bookmark removed from folders.
    - Debugging Settings menu:
        - Removed "Make THIS my default", settings are now saved when the debugger exits.

- Removed "Allow Multi-Select in Find Signals Dialog", the dialog is now multi-select by default.
- Added "Auto-Sync All Signals on Initial Startup". If set, the "Synchronize Signals" dialog is not shown.
  - System Info
  - Corrected issue with CSA-PWS10S-HUB-ENET when using an indirect cresnet connection
  - Fixed- System Info does not reconnect to CLX-2DIMFLV8 after changing cresnet ID
- EDID Tool
  - No Tool Changes
- InfiNET Diagnostic Tool
  - No Tool Changes
- Sonnex Tool
  - Corrected configuration file not loading issue
  - Addressed an issue where the speaker profiles could be lost after a reboot
  - Correct potential issue where the SWE-8 may not display after a reboot
- Power Management Tool (CEN-UPS1250)
  - No Tool Changes
- Device Discovery Tool
  - Corrected some memory leaks
- Device Learner
  - No Tool Changes
- PROCISE Tool
  - No Tool Changes
- DVPHD Tool
  - No Tool Changes
- BPC8 Tool
  - No Tool Changes
- DALI Commissioning Tool
  - No Tool Changes
- Network Device Tree
  - No Tool Changes
- Package Update Tool
  - Improved robustness when updating MC3s
  - Fixed – DMPS3-300-C PUF tool shows failures on initial update
- ProSound Tools
  - No Tool Changes
- HDXSP Tool
  - No Tool Changes
- Script Manager
  - Added a new feature, [AddressList:], which allows a user to run a single script against multiple addresses. Uses include updating the same display project to multiple touch panels or updating the same firmware file to multiple devices. Address Lists can be created using the Device Discovery Tool's "Copy IP Addresses of All Filtered Devices" (copies to clipboard) and pasting into a script file. Full details can be found in the Toolbox Reference document which can be found from the main Toolbox Help menu.

Toolbox 2.42.442 (09-30-2016)

- Core Toolbox
  - Corrected issue where Address book names containing : = could throw off the address parsing
  - Renamed "Device Reset" function to "Device Reboot" to help make it clear it is a simple reboot function and does not reset, or clear, any settings
  - Corrected unexpected dialog that could appear when attempting to apply control subnet settings
  - Improved performance when gathering error logs
  - Corrected issue were users were unable to set the DNS server static IP Address through SystemInfo DNS Manager
  - Corrected multiple failure dialogs that could be displayed upon a connection failure
  - Program Upload Dialog - Improved feedback when a file on disc is moved or renamed
  - Added Crestron Toolbox Online Help menu entry
- Corrected issue when clicking Cancel on a batch file-transfer would not cancel the entire batch
  - Corrected issue where Toolbox was not differentiating a local IP and remote IP
  - Improved stability in the COM server related to cresnet connections
  - Support for loading PinPoint
- DM Tool
  - Corrected HDCP Support checkbox on DM-MD-6x6,4 devices
- DMPS Tool
  - No Tool Changes
- SIMPL Debugger
  - Added the ability to copy the signal name to the clipboard via ctrl+c hotkey
  - Change icon colors to be more consistent with SIMPL: blue, red, and black to match signal type color code

- Protects against crash when reconnecting to controller not running any programs
- System Info
  - No Tool Changes
- EDID Tool
  - No Tool Changes
- InfiNET Diagnostic Tool
  - No Tool Changes
- Sonnex Tool
  - No Tool Changes
- Power Management Tool (CEN-UPS1250)
  - No Tool Changes
- Device Discovery Tool
  - Protect against intermittent crash when changing address
  - Copy filtered address list to clipboard
- Device Learner
  - No Tool Changes
- PROCISE Tool
  - No Tool Changes
- DVPHD Tool
  - No Tool Changes
- BPC8 Tool
  - No Tool Changes
- DALI Commissioning Tool
  - No Tool Changes
- Network Device Tree
  - No Tool Changes
- Package Update Tool
  - Help file updates to describe icon states
  - Corrected issue where PUF could stall during detection phase
- ProSound Tools
  - No Tool Changes
- HDXSP Tool
  - Update the auto decoding mode table to allow party mode for all content types

Toolbox 2.42.324 (08-15-2016)

- Core Toolbox
  - Added dialog support for CSA-PWS10S-HUB-ENET.
  - Compatible Toolbox version for the initial public release of the DSP-128 Tool.
    - IMPORTANT: You must use DSP Firmware v1.00.046, or later, with the DSP128 Tool. Use Toolbox 2.42.324, or later, to update DSP Firmware.
  - Addresses issue with connecting to devices via hostname. In those cases, Toolbox could incorrectly show the user that it is connected to a local processor, while it was actually connected to a remote processor.
  - Improved Cancel behavior when clicking cancel on a batch file transfer.
  - Updated PUF Tool help file to describe the various icons.
  - Removed invalid error message related to setting the secondary DNS on the HD-XSPA.
- DM Tool
  - No Tool Changes
- DMPS Tool
  - No Tool Changes
- SIMPL Debugger
  - No Tool Changes
- System Info
  - No Tool Changes
- EDID Tool
  - No Tool Changes
- InfiNET Diagnostic Tool
  - No Tool Changes
- Sonnex Tool
  - No Tool Changes
- Power Management Tool (CEN-UPS1250)
  - No Tool Changes
- Device Discovery Tool
  - No Tool Changes
- Device Learner
  - No Tool Changes
- PROCISE Tool
  - No Tool Changes
- DVPHD Tool

- No Tool Changes
- BPC8 Tool
  - No Tool Changes
- DALI Commissioning Tool
  - No Tool Changes
- Network Device Tree
  - No Tool Changes
- Package Update Tool
  - No Tool Changes
- ProSound Tools
  - No Tool Changes
- HDXSP Tool
  - No Tool Changes

Toolbox 2.42.240 (07-06-2016)

- Core Toolbox
  - Added feature to download all log files from some Smart Graphics Touch Screens.
    - From System Info/Discovery go to "Functions"->"Error Log..."->"Download Error Logs from Device" (button in bottom left corner).
    - Currently applies to products:
      - TSW-552
      - TSW-752
      - TSW-1052
      - TSR-302
      - TST-602
      - TST-902
      - TSS-752
      - TSW-732
      - DGE-100
      - DM-DGE-200-C
      - TS-1542
      - TS-1542-C
  - Improved efficiencies when starting a SIMPL Debugger session on larger systems.
  - Improved stability in Easy Config Tool (same tool is shown via the Device Discovery Tool).
- DM Tool
  - No Tool Changes
- DMPS Tool
  - No Tool Changes
- SIMPL Debugger
  - Improved efficiencies when starting a SIMPL Debugger session on larger systems.
  - Improved UI response during debugging sessions.
  - Improved UI response when selecting/deselecting folders (groups of signals) from the signal tree.
  - Faster signal sync during initial startup.
  - Allow users to select the signal mode, debug "All Signals" or debug "Only Specified Signals", before connecting to a device.
  - Allow users to select the column format in the main trace and details window. When resizing these windows, only the last column is resized, the other columns remain at the size set by the user.
  - The watch window and bookmark folders are organized in alphabetical order.
  - Added Ctrl-F (Find Signals Dialog), Ctrl-T (add timestamp), and Ctrl-C (copy the signal selected in signal tree to the clipboard) shortcuts
  - Added a new trace time format - Hours:Minutes:Seconds.msecs.
  - The time shown in the log files is the selected trace time format.
- System Info
  - No Tool Changes
- EDID Tool
  - No Tool Changes
- InfiNET Diagnostic Tool
  - No Tool Changes
- Sonnex Tool
  - No Tool Changes
- Power Management Tool (CEN-UPS1250)
  - No Tool Changes
- Device Discovery Tool
  - Simplified search filter options to Must Match, Optional, and Exclude
  - Improved stability in Easy Config Tool (same tool is shown via the Device Discovery Tool).
- Device Learner
  - No Tool Changes
- PROCISE Tool

- - No Tool Changes
- DVPHD Tool
  - No Tool Changes
- BPC8 Tool
  - No Tool Changes
- DALI Commissioning Tool
  - No Tool Changes
- Network Device Tree
  - Clarifications to various status messages to reduce flickering and to help clarify the status states while drawing
  - Additional optimizations to improve initial tree population
- Package Update Tool
  - No Tool Changes
- ProSound Tools
  - No Tool Changes
- HDXSP Tool
  - No Tool Changes

Toolbox 2.41.616 (06-09-2016)

- Core Toolbox
  - Added Functions menu to EasyConfig and the Device Discovery Tools.
  - Corrected issues with loading projects to the ML-600 and ML-500.
  - Fixed issue with TSW-*52 Touchscreens not always rebooting after changing host name and pressing apply.
  - Updated help file to reflect the latest preferences dialog.
  - Shows proper error message for new devices that do not yet have a data file.
  - Corrected issue with uploading Crestron app and XPanel projects to the same processor.
- DM Tool
  - No Tool Changes
- DMPS Tool
  - No Tool Changes
- SIMPL Debugger
  - No Tool Changes
- System Info
  - No Tool Changes
- EDID Tool
  - No Tool Changes
- InfiNET Diagnostic Tool
  - No Tool Changes
- Sonnex Tool
  - No Tool Changes
- Power Management Tool (CEN-UPS1250)
  - No Tool Changes
- Device Discovery Tool
  - Added Functions button to get to additional functions for the connected device.
  - Added search filter and an option to connect either by hostname or IP address.
- Device Learner
  - No Tool Changes
- PROCISE Tool
  - No Tool Changes
- DVPHD Tool
  - No Tool Changes
- BPC8 Tool
  - No Tool Changes
- DALI Commissioning Tool
  - No Tool Changes
- Network Device Tree
  - Optimizations to improve initial tree population
- Package Update Tool
  - No Tool Changes
- ProSound Tools
  - No Tool Changes
- HDXSP Tool
  - No Tool Changes

Toolbox 2.41.513 (05-02-2016)

- Core Toolbox

- Added PUF support for the DMC-STR.
  - Corrected many issues related to Switch-to-Retry issues that could occur in the various dialog that are displayed via the "Functions" menu item.
  - Addressed communication issue related to USB after closing the authentication dialog.
- DM Tool
  - Addressed potential crash that could occur on close.
- DMPS Tool
  - Fixed potential crash when send EDIDs to endpoints when the DM tool for that endpoint was also open.
- SIMPL Debugger
  - No Tool Changes
- System Info
  - Corrected issue where in some cases changing Ethernet settings was not triggering a device reboot.
  - Corrected issue with blank item being shown in SSL Management Dialog.
  - Fixed "Copy SIP Configuration" in RAVA setup tool.
- EDID Tool
  - No Tool Changes
- InfiNET Diagnostic Tool
  - No Tool Changes
- Sonnex Tool
  - No Tool Changes
- Power Management Tool (CEN-UPS1250)
  - No Tool Changes
- Device Discovery Tool
  - Corrected- DM-TXRX-100-STR incorrectly shown in "Touchpanel" category.
- Device Learner
  - No Tool Changes
- PROCISE Tool
  - No Tool Changes
- DVPHD Tool
  - No Tool Changes
- BPC8 Tool
  - No Tool Changes
- DALI Commissioning Tool
  - No Tool Changes
- Package Update Tool
  - Corrected issue where a retry count was not decremented so it could retry continuously.
  - Added PUF support for the DMC-STR.
- ProSound Tools
  - No Tool Changes
- Prodigy Tools
  - No Tool Changes
- HDXSP Tool
  - No Tool Changes

Toolbox 2.41.418 (4/4/2016)

- Core Toolbox
  - Enabled Global EDID feature in the DM Tool and DMPS Tool
  - Addressed network setup issues, that would have been visible via Crestron Studio
  - Corrected issue with firmware progress bar when updated the CLX-2DIMU8
  - Corrected a lockup scenario that could occur in some cases when opening particular workspaces
  - Corrected issue related to attempting to connect to the DIN-CENCN-2 via SSH
  - Corrected USB issues related to connected to TPMC-3X
  - Updated the auto connect algorithm to skip trying to connect via SSH on particular devices that do not current have SSH
  - Removes invalid address book files from the address book list
- DM Tool
  - Corrected issue in DM Tool where old EDID loaded when DM-TX was behind control system
  - Enabled Global EDID feature
- DMPS Tool
  - Significant infrastructure improvements to significantly improve stability
  - Enabled Global EDID feature
- SIMPL Debugger
  - No Tool Changes
- System Info
  - Corrected issue with TST-902 Ethernet settings not displaying correctly
- EDID Tool
  - Updated help file
- InfiNET Diagnostic Tool

- ○ No Tool Changes
- Sonnex Tool
  - ○ No Tool Changes
- Power Management Tool (CEN-UPS1250)
  - ○ No Tool Changes
- Device Discovery Tool
  - ○ No Tool Changes
- Device Learner
  - ○ No Tool Changes
- PROCISE Tool
  - ○ No Tool Changes
- DVPHD Tool
  - ○ No Tool Changes
- BPC8 Tool
  - ○ No Tool Changes
- DALI Commissioning Tool
  - ○ No Tool Changes
- ProSound Tools
  - ○ No Tool Changes
- Prodigy Tools
  - ○ No Tool Changes
- HDXSP Tool
  - ○ Corrected issue where the user was unable to close the tool because of a pop-up dialog

Toolbox 2.41.315 (2/24/2016)

- Core Toolbox
  - ○ Addressed a few, "Switch-To-Retry" lockups
  - ○ Removes invalid files from Address Book dropdown
  - ○ Corrected issue with Audio Log dialog incorrectly showing an error message when authentication was off
  - ○ Directs users to the web browser when they attempt to update the firmware on the DMPS3-4K-150-C
  - ○ Corrected issue where many error dialogs would popup for one connection failure
  - ○ Additional Security related improvements
    - ■ Toolbox can now, optionally, recall the same authentication information across sessions to avoid duplicate authentication dialog popups
- DM Tool
  - ○ DMC-4K-C(-DSP) now indicates if the DM inputs is HDCP 1, 2, or non-HDCP
  - ○ DMC-STRO- Added field to allow entry of multicast TTL value
  - ○ Stability improvements
- DMPS Tool
  - ○ No Tool Changes
- SIMPL Debugger
  - ○ Corrected issue where "Find Signal" in the context menu was not displaying
- System Info
  - ○ Corrected issue putting 3-series devices into isolation mode
- EDID Tool
  - ○ No Tool Changes
- InfiNET Diagnostic Tool
  - ○ Corrected crash that could occur when clicking Analyze while the tool was still initializing
- Sonnex Tool
  - ○ Added support for Sonnex doorbell feature
  - ○ Updated to a new set of default Crestron speaker profiles
- Power Management Tool (CEN-UPS1250)
  - ○ No Tool Changes
- Device Discovery Tool
  - ○ No Tool Changes
- Device Learner
  - ○ No Tool Changes
- PROCISE Tool
  - ○ No Tool Changes
- DVPHD Tool
  - ○ No Tool Changes
- BPC8 Tool
  - ○ No Tool Changes
- DALI Commissioning Tool
  - ○ No Tool Changes
- ProSound Tools
  - ○ No Tool Changes
- Prodigy Tools

- No Tool Changes
- HDXSP Tool
  - Added new "Multi-Channel Stereo (Party)" decoding mode
  - Corrected issue related to showing HDCP state
  - Changed Lip Sync delay from a max of 80ms to a max of 120ms
  - HD-XSPA firmware 1.33.00, or higher, required to take advantage of these features

Toolbox 2.41.252 (2/2/2016)

- Core Toolbox
  - Corrected crash in the Package Update Tool that could occur if selecting an Address Book, other than the default, in Toolbox prior to running the standalone Package Update Tool.
- Other tools
  - No Changes

Toolbox 2.41.224 (1/19/2016)

- Core Toolbox
  - Added additional security support to coincide with 3-Series 1.500 firmware release.
  - Added new connection method, "Auto Detect".
    - To improve speed, if the device supports SSH, then "Auto Detect" uses SSH.
  - Created new address format (.xadr) for optionally encrypted address books.
    - **Note:** After creating .xadr address books, if you revert back to older version of Toolbox (prior to 2.41.222), you must manually choose the prior formatted address book in the .adr file format.
  - Added "Auto Update" configuration dialog to System Info, under the "Functions" menu when System Info is open.
  - Added "Syslog" configuration dialog to System Info, under the "Functions" menu when System Info is open.
  - Corrected issue when authentication was turned on, Toolbox was unable to connect to devices on the control subnet.
- Network Device Tree
  - Corrected issue where the Network Tree would use the wrong connection address for devices on the control subnet.
- DM Tool
  - DM-TX-4K-202-C/DM-TX-4K-302-C shows if inputs are HDCP 1, 2, or non-HDCP.
  - Corrected issues with Input EDID not showing on test reports when connected to DM-MD6X4/6 switches.
- DMPS Tool
  - Corrected some links to help topics.
  - DM-TX-4K-202-C/DM-TX-4K-302-C now shown on the audio flow page.
- Other tools
  - No Changes

Toolbox 2.40.863 (12/7/2015)
- Core Toolbox
  - Added support for DM-TX-4K-202-C/302-C
  - Improved support for DIN-CENCN2
  - Corrected an issue where Device Discovery would sometimes report 0 discovered devices
  - Device Discovery- The DM-RMC-100-STR now redirects to the web page from the device
  - Addressed a lockup that could occur during a CEN-CI3 PUF update
  - Addressed firmware downgrade issue with MP-B10/20 devices
  - Protects against potential COM Server crash when a DGE-100 is in the system
- DM Tool
  - Improved stability of DM Tool
  - Corrected issue with DMC-STR/STRO remaining on the Initializing dialog when opening the device
  - Added editable EDID for many DM Room Boxes
    - RMC-4K-SCALER-C, RMC-4K-SCALER-C-DSP, DM-RMC-200-C, DM-RMC-SCALER-C, DM-RMC-200-S, DM-RMC-200-S2, DM-RMC-SCALER-S, and DM-RMC-SCALER-S2
- DMPS Tool
  - Corrected issue with many of the help buttons not functioning
- SIMPL Debugger
  - Fixed "Send only specified signals" feature
  - Corrected error when loading the sig file
- EDID Tool
  - Protects against a potential crash when opening EDID File (when UAC is enabled)
- Sonnex Tool
  - Correct issue related to Configuration File transfers failing to send to expanders
- System Monitor
  - Corrected startup issue where System Monitor could hang while on the "requesting settings" dialog

- Power Management Tool (CEN-UPS1250)
  - No Tool Changes
- Device Learner
  - No Tool Changes
- PROCISE Tool
  - No Tool Changes
- DVPHD Tool
  - No Tool Changes
- BPC8 Tool
  - No Tool Changes
- DALI Commissioning Tool
  - No Tool Changes
- ProSound Tools
  - No Tool Changes
- Prodigy Tools
  - No Tool Changes
- HDXSP Tool
  - No Tool Changes

Toolbox 2.40.731 (11/3/2015)
- Core Toolbox
  - Added support for DIN-CENCN2
  - Corrected issue when updating HD-XSPA Puf files.
- DM Tool
  - Support HDCP 2.2 on future HDCP 2.2 cards.
  - UI updates for supporting high resolution monitors and large font size.
  - DMC-STR: Display Streaming Status and Decoder Status.
  - DMC-STR: Corrected Network Ready indicator.
  - DMC-STRO: Can now adjust stream ports.
  - DM-RMC-4K-SCALER-C: 24hz Resolutions are now present in DMTool.
  - DMC-4K-HDO UI changes to be consistent with other scaler products.
- DMPS Tool
  - No Tool Changes
- EDID Tool
  - No Tool Changes
- SIMPL Debugger
  - Improved performance when finding a signal
  - Added the ability to copy the signal name to the clipboard
  - Added a button to pause scrolling
- Sonnex Tool
  - No Tool Changes
- Power Management Tool (CEN-UPS1250)
  - No Tool Changes
- Device Learner
  - No Tool Changes
- PROCISE Tool
  - No Tool Changes
- DVPHD Tool
  - No Tool Changes
- BPC8 Tool
  - No Tool Changes
- DALI Commissioning Tool
  - No Tool Changes
- ProSound Tools
  - No Tool Changes
- Prodigy Tools
  - No Tool Changes
- HDXSP Tool
  - No Tool Changes

Toolbox 2.40.617 (08/12/2015)
- Core Toolbox
  - Windows 10 support tested and confirmed
  - DMC-STR firmware update fixes and optimizations
  - Added support so that concurrent connections by hostname and IP utilize the same socket to avoid issues with devices that only support a single console socket
  - Exposed RAVA config dialog for supported TSX-xx0 panels (TST-600, TSW-750, etc..)
  - Fixed issues with the COM server staying loaded after closing Toolbox, sometimes after a failed PUF load

- Hostname warning appears when user visits Ethernet config dialog without making changes
- Corrected URL used to connect to the DMPS3-4K-150-C from EasyConfig to match new FW
- Added install warning that Toolbox no longer supports Windows XP and Server 2003 R2
- Fixed potential crashes using System Info Tool and SIMPL Debugger
- Fixed an issue causing DM Tool to fail to show any installed cards
- PUF tool can now use detected indirect address during analysis step, fixes some version detection in DM systems
- Moved initial PUF file loading to it's own thread to keep the application responsive for large files
- Fixed problem connecting to USB with existing open Ethernet connections
- DM Tool
  - DM-4K-HDO-SCALER - Added scaler support
  - If an EDID is rejected by firmware, the tool should present a message box to the user.
  - DM Test Report format updates and addition of PNM System ID
  - Toolbox Crashed when Opening DM Tool and Text Console to 32x32 with DMC-STRs Streaming
  - EDID selection from outputs not including all outputs on DM-MD6X1
  - DM-TX-401-C doesn't show connected USB devices properly
  - DM-RMC-4K-100-C does not display correct information
  - DMC-C(-DSP) & DMC-4K-C(-DSP) - Add HDCP Support check box
  - DMC-STR - Switching initiations in DM Tool does not switch the Initiations on the device immediately
  - DMC-STR - Add Network Ready status to DM tool
  - DMC-STR - When streaming, incoming arrow to card always displays no connection regardless of state
  - DMC-STR - Stream Location text in "By Receiver" should be non-editable, but selectable
  - DMC-STR/STRO - Display streaming status on top of arrow and resolution/bitrate underneath arrow
  - DMC-STRO multi-cast address is not displayed after the stream is started
- DMPS Tool
  - DM Test Report format updates and addition of PNM System ID
  - DMPS3 - the minimum and maximum settings switched for ease of use in each output
  - Fixed help file link for DMPS3-300-C-AEC
  - Provide help file description for Mixer Enabled/Bypassed mode for DMPS3 inputs
- EDID Tool
  - Resolution "640x480" needs to be included in all default EDIDs
  - Do not replace "." with "_" when saving EDID files
  - Fixed "Get EDID From" & "Save EDID …" location not being remembered
  - VESA block modify dialog - maximum list has wrong foreground color, difficult to read text
- Sonnex Tool
  - Allow the 2 SPDIF outputs on the main SWAMP to be named on compatible firmware
- Power Management Tool (CEN-UPS1250)
  - No Tool Changes
- Device Learner
  - No Tool Changes
- PROCISE Tool
  - No Tool Changes
- DVPHD Tool
  - No Tool Changes
- BPC8 Tool
  - No Tool Changes
- DALI Commissioning Tool
  - No Tool Changes
- ProSound Tools
  - No Tool Changes
- Prodigy Tools
  - No Tool Changes
- HDXSP Tool
  - No Tool Changes

Toolbox 2.40.325 (7/7/2015)

- Core Toolbox
  - Made a number of dialogs re-sizable
  - Added support for resolving hostnames to use the same socket as an existing connection. Resolves connection issues with some devices with limited resources like DM Endpoints
  - Fixed Discovery via Fusion for control system models with a '-' in the model name
  - Fixed crash in Help->About reported on some systems
  - Added RAVA configuration support in System Info for supported Android (TSx-XXX2) devices
  - Remove incorrect IP Table support for TST-902, TST-602, and TSR-302
  - Fixed erroneous hostname warnings on Ethernet dialog
  - Fixed Discovery Tool to show proper icons for some devices

- - - Fixed crash often seen when re-loading SIG files after re-compiling and returning to the debugger
  - DM Tool
    - Fixed crash when customizing HDMI Extensions
    - Fixed a number of crashes in DM Tool which could leave the COM Server running
    - Fixed HDCP indication on input side of DMC-4K-HD
    - Added adjustable time delay to downmixed audio
    - Added support for Video Wall & Bezel compensation configuration
    - Added support for 4K 60Hz
  - DMPS Tool
    - Added HDCP Support On/Off for DM Input
  - EDID Tool
    - Added support for 4K 60Hz
  - Power Management Tool (CEN-UPS1250)
    - No Tool Changes
  - Device Learner
    - No Tool Changes
  - Sonnex Tool
    - No Tool Changes
  - PROCISE Tool
    - No Tool Changes
  - DVPHD Tool
    - No Tool Changes
  - BPC8 Tool
    - No Tool Changes
  - DALI Commissioning Tool
    - No Tool Changes
  - ProSound Tools
    - No Tool Changes
  - Prodigy Tools
    - No Tool Changes
  - HDXSP Tool
    - No Tool Changes

Toolbox 2.40.219 (5/28/2015)

- Core Toolbox
  - Added user interface in System Info for configuring RAVA on DMPS3-300-C-AEC
  - Added support for authentication banners over SSH when sent by supported devices
  - Resolved a problem loading a config file to a DMPS that includes a program
  - Added bootloader support to C2N-AMP-6X100
  - Corrected some issues causing failures loading FW to MP-Bxx devices
  - Fixed some timing issues related to sending projects to TPMC-4SM devices
  - PUF Tool - Closed a loophole where a new OOTBF would not be loaded to DMPS devices in some cases
  - PUF Tool - Fixed UI to show time remaining for file transfers
  - Script Tool - After changing a script using an external editor, reload query could not be dismissed
  - SystemInfo Tool - Added Primary DNS server info to "Save File" option
  - Set Cresnet and Error Log panes to always be collapsed by default to speed up initial tool loading. Will load on demand when and if expanded
  - Made changes to mitigate privilege elevation issues between Toolbox, SIMPL, Studio, and VTPro. Fixes crash of Toolbox if it is launched after one of the other apps has used Toolbox
- DM Tool
  - Fixed an issue that could cause the VptComServer process to remain running when not needed.
  - Fixed issues related to showing real-time updates on highly populated 32x32 switchers
  - Corrected Help File Links for DMC-STR/DMC-STRO UIs
  - Added support for Audio Time-Delay on the following models with updated firmware:
    - DMC-HD-DSP, DMC-4K-HD-DSP, DMC-C-DSP, DMC-4K-C-DSP, DMC-S-DSP, DMC-S2-DSP, DM-RMC-4K-SCALER-C-DSP
- DMPS Tool
  - Added support for DMPS3-300-C-AEC
  - Corrected some help file links
  - Fixed some startup performance issues
- EDID Tool
  - Added scroll bar to EDID pop-up details window
  - Fixed several issues with the filename generation
- Power Management Tool (CEN-UPS1250)
  - No Tool Changes
- Device Learner
  - No Tool Changes
- Sonnex Tool

- No Tool Changes
  - PROCISE Tool
    - No Tool Changes
  - DVPHD Tool
    - No Tool Changes
  - BPC8 Tool
    - No Tool Changes
  - DALI Commissioning Tool
    - No Tool Changes
  - ProSound Tools
    - No Tool Changes
  - Prodigy Tools
    - No Tool Changes
  - HDXSP Tool
    - No Tool Changes

Toolbox 2.38.880 (4/30/2015)
- Core Toolbox
  - Fixed ability to load DIP IP Table file formats to devices
  - Fixed crash seen after waking a computer from sleep with Toolbox open
  - Fixed DNS Server configuration for DM endpoints
  - Fixed issue that would leave a control system program stopped after loading through Studio
  - Fixed issues in the COM server which were causing crashes and hangs when operations were being canceled
  - Fixed issues running Toolbox after starting SIMPL, VTPro or Studio
  - Fixed Roaming configuration support for TSX Touch Panels
  - Fixed Switch-To-Retry in Network Setup Wizard when using "Manual Setup" in Studio
  - Fixes for setting RF IDs on some devices
  - Licensing dialog fixes to recognize additional features and added a Close button
  - Optimized load time of device data on new connections
  - Removed some items in the network tree for DM that were used only for internal purposes
- DM Tool
  - Added URL to launch the tool for the DM-MD8X1-4K-C and HD-MD8X1-4K
- DMPS Tool
  - Corrected some text and setting ranges
  - Fixed a bug that could cause DMPS tool to crash or hang if there is a loss of communications while loading
  - Fixed crash that could occur when loading Toolbox with multiple DM/DMPS tools open
  - Added URL to launch the tool for the DM-MD8X1-4K-C and HD-MD8X1-4K
- EDID Tool
  - No Tool changes
- Power Management Tool (CEN-UPS1250)
  - No Tool Changes
- Device Learner
  - No Tool Changes
- Sonnex Tool
  - No Tool Changes
- PROCISE Tool
  - No Tool Changes
- DVPHD Tool
  - No Tool Changes
- BPC8 Tool
  - No Tool Changes
- DALI Commissioning Tool
  - No Tool Changes
- ProSound Tools
  - No Tool Changes
- Prodigy Tools
  - No Tool Changes
- HDXSP Tool
  - HDXSP - Fixed Device Configuration Saving and Loading

Toolbox 2.38.823 (3/11/2015)
- Core Toolbox
  - New support for the following devices
    - DMC-4K-HDO(-DSP)
    - DM-RMC-4K-100-C-1G and DM-TX-4K-100-C-1G
  - Improve display project loading reliability and performance.
  - Include missing device images for Device discovery

- Increased reboot timeout for DM and 3-Series devices.
- Fixed baud rate detection for iLux Designer.
- DM Tool
  - Support for the new products in this release
  - Remove old EDID template files when installing new toolbox. This fixes a potential crash after upgrading from earlier versions.
  - DMC-STRO
    - Fixed an issue where the tool would be greyed out after connecting
- DMPS Tool
  - No Tool changes
- EDID Tool
  - No Tool changes
- Power Management Tool (CEN-UPS1250)
  - No Tool Changes
- Device Learner
  - No Tool Changes
- Sonnex Tool
  - No Tool Changes
- PROCISE Tool
  - No Tool Changes
- DVPHD Tool
  - No Tool Changes
- BPC8 Tool
  - No Tool Changes
- DALI Commissioning Tool
  - No Tool Changes
- ProSound Tools
  - No Tool Changes
- Prodigy Tools
  - No Tool Changes
- HDXSP Tool
  - No Tool Changes

Toolbox 2.38.747 (2/2/2015)
- Core Toolbox
  - New support for the following devices
    - DMC-4K-C(-DSP)
    - DM-RMC-4K-SCALER-C
    - DM-RX1-4K-C-1G and DM-TX1-4K-C-1G
    - DMC-STR
  - Improved SFTP speed and added better error messages and handling for SSH
  - Display Project Window would show an error when connecting over SSH
  - Fixed an issue when the IP Table entry description field contained a ">"
  - Corrected some timeouts for Touch Screen project loads
  - Fixed the program information dialog in System Info for SIMPL# programs
  - Network Setup Wizard
    - Fixed error message "Unable to find custom...."
    - Fixed a freeze when connecting to a system with duplicate IDs
    - Fixed an issues causing the discovered lists to sometime be incomplete
    - Updated Help file with additional setup information
- DM Tool
  - Support for the new products in this release
  - HDBase-T support
  - System Wide new EDID configuration scheme and test report
  - Fixed .NET error when refreshing Ethernet settings on the DM-RMC-100
  - Fixed some template EDID files for audio
  - DMC-STRO
    - Add Audio control
    - Fixed port settings dialog
    - Fixed Mute issue
    - Fixed an issue where the tool would be greyed out after connecting
- DMPS Tool
  - Test report for new EDID scheme
  - Fixed a crash if the connected device rebooted while connected
  - Added support for HDBase-T device recognition
  - Fixed an issue causing the tool to prompt for a password when there was none on the DMPS
- EDID Tool
  - No Tool changes
- Power Management Tool (CEN-UPS1250)

- ○ No Tool Changes
- Device Learner
  - ○ No Tool Changes
- Sonnex Tool
  - ○ No Tool Changes
- PROCISE Tool
  - ○ No Tool Changes
- DVPHD Tool
  - ○ No Tool Changes
- BPC8 Tool
  - ○ No Tool Changes
- DALI Commissioning Tool
  - ○ No Tool Changes
- ProSound Tools
  - ○ No Tool Changes
- Prodigy Tools
  - ○ No Tool Changes
- HDXSP Tool
  - ○ No Tool Changes

Toolbox 2.38.637 (11-13-2014)

- Core Toolbox
  - ○ New support for DMPS3-4K-150-C
- DM Tool
  - ○ Support URL link to DMPS3-4K-150-C
- DMPS Tool
  - ○ Support URL link to DMPS3-4K-150-C
- EDID Tool
  - ○ No Tool changes
- Power Management Tool (CEN-UPS1250)
  - ○ No Tool Changes
- Device Learner
  - ○ No Tool Changes
- Sonnex Tool
  - ○ No Tool Changes
- PROCISE Tool
  - ○ No Tool Changes
- DVPHD Tool
  - ○ No Tool Changes
- BPC8 Tool
  - ○ No Tool Changes
- DALI Commissioning Tool
  - ○ No Tool Changes
- ProSound Tools
  - ○ No Tool Changes
- Prodigy Tools
  - ○ No Tool Changes
- HDXSP Tool
  - ○ No Tool Changes

Toolbox 2.38.617 (10-28-2014)

- Core Toolbox
  - ○ New Features
    - SSH/SFTP support - Improved SFTP file transfer performance.
    - TPMC-V12 & TPMC-V15 Patch support
  - ○ New device support
    - DMPS3-200-C and DMPS3-300-C Support
    - DMC-STR support and new DMC-STRO support.
    - HR-100 and HR-150
    - CLFI-LDIMUEX
    - C2N-AMP-6X100
  - ○ Bugs Fixed
    - When using SFTP, Toolbox may send more files than necessary with "Send only modified" checked
    - When setting static IPs on DM with PNM disabled, conflicting IP ranges were reported.
    - Loading projects to TPCS-4SMD would result in a file mismatch warning.
    - Device Discovery tool could become disabled after changing Ethernet parameters on a selected device using the right side of the tool.
    - Network Setup Wizard - Fails setup when a program has a fully numeric Friendly Name.

- Address Book
  - Address entry from "Pencil" would not allow an address book selection with SSH or SSL
  - Added help button
  - New entries now placed under current selection.
  - Added a field to specify user name
- DM Tool
  - DMC-STR support and new DMC-STRO support.
- DMPS Tool
  - DMPS3-200-C and DMPS3-300-C support
- EDID Tool
  - No Tool changes
- Power Management Tool (CEN-UPS1250)
  - No Tool Changes
- Device Learner
  - No Tool Changes
- Sonnex Tool
  - No Tool Changes
- PROCISE Tool
  - No Tool Changes
- DVPHD Tool
  - No Tool Changes
- BPC8 Tool
  - No Tool Changes
- DALI Commissioning Tool
  - No Tool Changes
- ProSound Tools
  - No Tool Changes
- Prodigy Tools
  - No Tool Changes
- HDXSP Tool
  - No Tool Changes

Toolbox 2.36.417 (10-2-14)
- Core Toolbox
  - Notes
    - Removed official support for Windows XP
    - Updated End-user License Agreement
  - New Features
    - SSH/SFTP support.
      - You must select "SSH" check box in the address in order to make use of SFTP transfers. No automatic redirect at this time.
      - Enabled for 3-Series Control Systems and TSX touch screens.
  - New device support
    - HD-MD8x1/8x2 New EDID Management Support
    - CSM-QMTDC-256-2-EX
    - Additional DGE-2 Firmware Update Support
  - Bugs Fixed
    - Added "Setup…" menu support to TST-xx2 and TSW-xx2 devices.
    - Fixed "Renew…" button on Ethernet configuration dialog on some devices where an error would be reported.
    - Ensure passwords are hidden in address book list UI.
    - Fixed crash triggered when using the DNS configuration dialog.
    - Many fixes in Network Setup Wizard for stability and reliability issues.
    - Toolbox crash/locking up when installed on a Win 8.0/8.1 PC
    - Ethernet IP Table dialog for control systems with more than one program did not automatically get information from the device when opened.
    - InfiNet (EX) Gateway Dialog crashed if no devices are acquired
- DM Tool
  - New EDID mechanism for DM-TX-201-C, DM-TX-401-C, and DM-TX-200-C-2G
  - When saving the Test Report, remember the last used folder.
  - Re-sized the Custom EDID configuration dialog to show fully on x786 screen resolutions.
  - Added DM-TX-401 front panel lockout support.
- DMPS Tool
  - When saving the Test Report, remember the last used folder.
- EDID Tool
  - No Tool changes
- Power Management Tool (CEN-UPS1250)
  - No Tool Changes

- Device Learner
  - No Tool Changes
- Sonnex Tool
  - No Tool Changes
- PROCISE Tool
  - No Tool Changes
- DVPHD Tool
  - No Tool Changes
- BPC8 Tool
  - No Tool Changes
- DALI Commissioning Tool
  - No Tool Changes
- ProSound Tools
  - No Tool Changes
- Prodigy Tools
  - No Tool Changes
- HDXSP Tool
  - No Tool Changes

Toolbox 2.38.226 (8-19-14)

- Core Toolbox
  - New device support
    - DMCI-DMC-4K-HD-DSP, DMC-4K-CO
    - TT-110
  - New Features
    - Script Manager supports the direct scripting of PUF Files.
      - Refer to "Script Manager Tool Reference" link in the Help->Toolbox Reference menu within Toolbox for details.
      - Added a template to the right click menu within the script tool.
    - Enabled Modern Windows Themes and tweaked UI elements accordingly.
  - Bugs Fixed
    - Reported proper error when attempting to load a corrupt program file.
    - A device on a Control Subnet does not reconnect after main device reboots.
    - Fixed various timing issues related to upgrading FW on TPMC-4SMs and TPMC-9s
    - Fixed InfinetEX support on DIN-AP3MEX
    - Fixed a number of missing device icons in the Device Discovery Tool
    - Fixed a crash when connecting to a device with authentication enabled from discovery tool.
    - Fixed DNS settings on HDXSP
    - Easy Config
      - Corrected Cresnet ID format.
      - Add DM tool button for DM Roomboxes
      - Fixed some issues causing Switch-to/Retry messages
      - Added RF GW buttons for RF GWs
    - A change in RF channel on InfiNet GWs no longer requires you to reacquire all the devices.
    - Removed extra InfiNet(EX) Gateway options in system info and network device tree for MC3
    - The PUF tool will show the versions contained in the PUF even if we cannot connect to the device
    - Fixed a false failure when running a few specific PUF files.
    - Optimized some portions of the PUF tool causing excessive thread usage in the Server.
    - Fixed some Ethernet related status information for the DVPHD
    - System Info - Add Serial Number to Product Pane
    - Fixed some scaling issues in Windows 7 with 125% or greater fonts in some dialogs.
    - Model field in Edit Address when USB is selected is now case insensitive
    - Router Configuration - Adding reserves leases from a file does not work properly
  - DM Tool
    - Fixed a crash when attempting to connect to non-responsive DM device.
    - Test Report shows Invalid (vs Not Connected) for EDID on DMC-VGA loop out
    - Improved DM Tool performance during initialization.
    - Fixed a hang in DM Tool if certain keys are pressed while it is connecting.
  - DMPS Tool
    - Enhanced initial connection screen
    - Fixed a memory leak when closing and opening DMPS tool
  - EDID Tool
    - No Tool changes
  - Power Management Tool (CEN-UPS1250)
    - No Tool Changes
  - Device Learner
    - No Tool Changes
  - Sonnex Tool

- No Tool Changes
  - PROCISE Tool
    - No Tool Changes
  - DVPHD Tool
    - No Tool Changes
  - BPC8 Tool
    - No Tool Changes
  - DALI Commissioning Tool
    - No Tool Changes
  - ProSound Tools
    - No Tool Changes
  - Prodigy Tools
    - No Tool Changes
  - HDXSP Tool
    - No Tool Changes

Toolbox 2.36.913 (5-19-14)

- Core Toolbox
  - New device support
    - TT-110
    - DMC-4K-CO-HD
  - Bugs Fixed
    - Added additional support for reading SSPro program information needed by Fusion.
    - Fixed issue with CEN-WAP-1500 Setup Page rendering in the Discovery Tool
    - Fixed error messages shown when a program load is prevented due to incompatibilities with versions or licensing requirements.
    - Fixed crash when activating Ethernet Addressing from System Info
    - Fixed crash following 'close all' button in SIMPL debugger
    - Add Error Message on Failed Program Restart to Point User to Error Log
    - Fixed false failures in Network Analyzer on many 3-Series devices.
    - SSL - Fixed UI button placement issues on SSL Management dialog.
    - SSL - Better error checking on password field on SSL Management dialog for Certificate Signing Request
    - SSL - Fixed an error message shown when connecting to a 3-Series controller with SSL enabled
    - FT-TSC600 & TSCW - Increased timeouts to fix false failures when loading the PUF.
    - TPMC-3SM - Prevent incompatible project types from being loaded.
    - HDXSP - Fixed DNS Server configuration
  - DM Tool
    - No Tool Changes
  - DMPS Tool
    - No Tool Changes
  - EDID Tool
    - No Tool changes
  - Power Management Tool (CEN-UPS1250)
    - No Tool Changes
  - Device Learner
    - No Tool Changes
  - Sonnex Tool
    - No Tool Changes
  - PROCISE Tool
    - No Tool Changes
  - DVPHD Tool
    - No Tool Changes
  - BPC8 Tool
    - No Tool Changes
  - DALI Commissioning Tool
    - No Tool Changes
  - ProSound Tools
    - No Tool Changes
  - Prodigy Tools
    - No Tool Changes
  - HDXSP Tool
    - Added Passive Subwoofer control

Toolbox 2.36.854 (3-28-14)

- Core Toolbox
  - Bugs Fixed

- Added help for Shade Config dialog
- Fixed Network Device Tree not reporting Ethernet device connected to 3-Series processors
- Fixed Toolbox Crashing when Opening the SIMPL Program Upload Dialog
- Crestron Studio crashes when uploading to a PRO3 with multiple running programs
  - DM Tool
    - No Tool Changes
  - DMPS Tool
    - No Tool Changes
  - EDID Tool
    - Added support for 4K resolutions
    - Add Crestron 4K EDID files to Crestron EDID templates folder.
  - Power Management Tool (CEN-UPS1250)
    - No Tool Changes
  - Device Learner
    - No Tool Changes
  - Sonnex Tool
    - No Tool Changes
  - PROCISE Tool
    - No Tool Changes
  - DVPHD Tool
    - No Tool Changes
  - BPC8 Tool
    - No Tool Changes
  - DALI Commissioning Tool
    - No Tool Changes
  - ProSound Tools
    - No Tool Changes
  - Prodigy Tools
    - No Tool Changes
  - HDXSP Tool
    - No Tool Changes

Toolbox 2.36.814 (3-17-14)

- Core Toolbox
  - Features
    - System Info now remembers the last folder used when saving to file.
  - New Device support
    - Added support for CSM-QMTDC-256-2/4-CN
  - Bugs Fixed
    - Authentication/SSL
      - Properly process the Cancel on the password query dialog on Pre-3-Series devices.
      - Fixed (removed) a 10 second delay before redirecting to SSL from a TCP connection.
      - Fixed issues connection to devices with SSL/Authentication enabled.
    - Control Subnet (PRO3/CP3N/AV3)
      - All devices seen on the control subnet shall be considered "In-System"
      - Fixed crash when connecting to 3-Series cards on the control subnet of a PRO3.
    - Crestron Studio
      - Allow Smart Graphics projects to be loaded to compatible devices.
    - PUF Tool
      - Fixed a crash when clicking the "Package Notes" option.
    - Text Console
      - Fixed handling of "\" character in command history and when pasted into the tool.
    - Fixed crash if certain address fields reached a certain length.
    - On infinetEX GWs (internal and external), remove the ID limitation on the project assignment dialog.
    - Fixed License count for BACNET licensing.
    - For CEN-RFGW-EX - InfinetEX Gateway dialog should have a button on Easy Config main screen.
    - Fixed setting RF IDs on a TST-600 via the gateway connection.
    - Fixed Verification of Xpanel 2.0 Smart Graphics projects
    - Fixed an error shown after loading FW to CSA-PWS10S-HUB
    - Fixed errors shown when sending a Crestron App project from within VTPro-E
    - Fixed Timezone field in EasyConfig/Discovery.
    - Fixed which help file is shown when pressing F1 in various tools.
    - Improved hostname resolution upon IP address changes during reboots.
  - DM Tool
    - Added additional models to support the RMC Standby Timeout feature.
  - DMPS Tool
    - Fixed crash when cancelling a Save or Load operation on a DMPS.

- EDID Tool
  - No Tool Changes
- Power Management Tool (CEN-UPS1250)
  - No Tool Changes
- Device Learner
  - No Tool Changes
- Sonnex Tool
  - No Tool Changes
- PROCISE Tool
  - No Tool Changes
- DVPHD Tool
  - No Tool Changes
- BPC8 Tool
  - No Tool Changes
- DALI Commissioning Tool
  - DIN-DALI turns lights off when discovering network (Requires new FW).
  - "Refresh Ballast" does not update Status in the address table or Ballast Status under Properties.
  - "Refresh All Ballasts" does not refresh any ballasts.
- ProSound Tools
  - No Tool Changes
- Prodigy Tools
  - No Tool Changes
- HDXSP Tool
  - Loading a configuration enables direct mode and front panel lock.
  - Fixed slider behavior when pressing and holding up/down arrow keys.
  - HDCP Key field allows entry but is not saved when the tool reloads.

Toolbox 2.36.715 (2-13-14)

- Core Toolbox
  - Bugs Fixed
    - CSA-PWS10S-HUB
      - Fixed support for CSA-PWS10S-HUB in the event it is stuck in bootloader.
      - Changed the name of the dialog to Power Hub Status
      - Fixed an issue causing status to not be shown if used via a Cresnet connection (Also requires updated FW).
      - After using the dialog on a 3-Series based control system, the device may no longer be polled. This has been fixed.
    - Fixed an issue causing Cresnet devices to be shown in the infiNetEX dialog on the MC3/PMC3.
    - Changing the channel on the infiNetEX Gateway no longer requires you to re-acquire devices.
  - DM Tool
    - No Tool Changes
  - DMPS Tool
    - Removed 4k Resolutions where not available.
    - Fixed - 16:10 EDID filter settings were not being saved as part of the configuration file.
  - EDID Tool
    - No Tool Changes
  - Power Management Tool (CEN-UPS1250)
    - No Tool Changes
  - Device Learner
    - No Tool Changes
  - Sonnex Tool
    - No Tool Changes
  - PROCISE Tool
    - No Tool Changes
  - DVPHD Tool
    - No Tool Changes
  - BPC8 Tool
    - No Tool Changes
  - DALI Commissioning Tool
    - No Tool Changes
  - ProSound Tools
    - No Tool Changes
  - Prodigy Tools
    - No Tool Changes
  - HDXSP Tool
    - Added support for HDXSPA.
    - Speaker protect for center back speaker wasn't working properly
    - Fixed an issue preventing some speaker profiles from opening properly in the tool.

- DM Active source signal icon would not clear

Toolbox 2.36.617 (1-22-14)

- Core Toolbox
  - Bugs Fixed
    - Added new dialog for viewing CSA-PWS10S hub status.
    - Corrected timing issues while stopping large 3-Series programs
    - Fixed an issue causing data to be mis-populated in System Info for 3-Series controllers with multiple program support.
    - Fixed an issue causing error messages while configuring DGE-2 Ethernet settings. May also have affected other devices like TPMC-V# panels.
    - fixed an issue causing Toolbox to fail to connect in come cases when SSL was enabled on devices.
    - Fixed an issue during address book import causing the last entry to be missed.
    - Fixed an issue preventing EasyConfig/Discovery tool from connection to devices with SSL enabled.
    - Fixed an issue preventing proper Ethernet configuration of TST-600 panels
    - Fixed an issue preventing the tool from running the PUF for the GL-IPAC
    - Fixed an issue that could cause a running PUF to stall and fail to proceed to completion.
    - Fixed an issue while re-arranging address book entries where the comment would be lost for some entries.
    - Fixed file filter for MLX-3 in Program Tree.
    - Fixed missing device category for some uPNP devices in Discovery Tool.
    - Fixed multiple issues with authentication, SSL, and SSL redirection on 3-Series devices. Symptoms included, apparent hangs, USB lockups, and failure to connect.
    - Fixed System Info information for GLPAC across various connection methods.
    - Improved handling for cresnet discovery when 250+ devices are found.
    - Improved X-Modem throughput, specifically on serial transfers like on the CLS-C6
    - TPMC-9 / TPMC-4SMs - Corrected timing to fix false negatives loading the OS and OOTBF(where applicable).
  - DM Tool
    - Add "Standby Timeout" control to scaler RMCs
    - Fixed "Switch to or Retry" error when closing DMTools windows.
  - DMPS Tool
    - Fixed Memory leak for each time reconnect to DMPS
  - EDID Tool
    - Opening a corrupted EDID file using the "Browse…" button, crashes toolbox
    - Wrong description in custom DTD when H-V+ sync pulses are required
    - EDID Tool file cannot save certain Established Timings
    - Audio format priority changes are not kept
    - 1920x1080i@25Hz is listed twice in the CEA video list
    - Custom DTD description values for Horizontal front porch and sync pulse are incorrect
    - 480i and 576i should be blocked from the DTD list
    - Pop-up message to confirm closing without saving should be presented
  - Power Management Tool (CEN-UPS1250)
    - Disable "Retrieve" button until path is validated in "Log" tab
    - Line Noise Sensitivity has strange behavior
    - Disable "View" button if the log has not been downloaded or if the download is in progress on the "Log" tab
  - Device Learner
    - No Tool Changes
  - Sonnex Tool
    - No Tool Changes
  - PROCISE Tool
    - No Tool Changes
  - DVPHD Tool
    - No Tool Changes
  - BPC8 Tool
    - No Tool Changes
  - DALI Commissioning Tool
    - No Tool Changes
  - ProSound Tools
    - No Tool Changes
  - Prodigy Tools
    - No Tool Changes
  - HDXSP Tool
    - No Tool Changes

Toolbox 2.36.541 (1-8-14)

- Core Toolbox
  - Bugs Fixed
    - Fixed a Windows 8 UAC issue that would prevent Toolbox from working if SIMPL Windows was started and running first.
    - Fixed an issue preventing you from selecting removable media / Compact Flash when loading a program.
    - Fixed an issue that would give a "Could not connect" error dialog when reconnecting to USB or serial devices with a single tool.
    - Fixed ID'ing issues with GLA-EXPEX
    - Fixed issue with Discovery Tool / EasyConfig with SSL auto-redirection.
    - Fixed re-occurring pop-up requesting to update your address book from the Network Tree.
    - Fixed several crashes from Discovery Tool when it could not connect to the device, or when authentication was enabled.
    - Fixed some erroneous failures sending files to 3-Series devices based on incorrect size limitations.
    - Increased reboot timeout for ATC-AUDIONET to accommodate recent changes.
    - Support new EDID mechanism for some DigitalMedia HD devices.
    - System Info now uses "ERR PLOGCURRENT" for error log reporting for 3-Series based devices.
    - Fixed authentication and USB lockup issues with 3-Series devices.
    - Fixed an issue detecting infiNET EX devices on 3-Series devices with a router.
  - Bugs Fixed (2.36.406)
    - Remove IP Table UI for TST-600 as it is not supported.
    - Resolved a "Device Mismatch" issue in D3Pro when trying to load a program.
    - Resolved an issue causing the InfiNet Diagnostics tool to sometimes take 10+ minutes to load.
    - Corrected some issues causing Toolbox to connect to the wrong device when traversing a 3-Series Based Router device such as a PRO3
    - Fixed Web Projects Button in Easy Config to open the correct dialog.
    - Fixed crash closing Easy Config while populating
    - Corrected some detection issues for DM Switchers when PNM mode is disabled.
    - Fixed issue preventing Ethernet settings on Lync devices from being set properly.
    - Fixed some DPI sizing issues on the Address Book dialog and a few others.
  - DM Tool
    - Added support for new EDID mechanism for HD-DA-2-QUAD
  - DMPS Tool
    - Added Save / Load Configuration Support
  - EDID Tool - NEW!
    - Create custom EDIDs using this tool. Use for 64x64, 128x128 and HD-DA-2-QUAD. More products will support this EDID creation mechanism in future firmware releases.
  - Device Learner
    - No Tool Changes
  - Sonnex Tool
    - No Tool Changes
  - PROCISE Tool
    - No Tool Changes
  - DVPHD Tool
    - No Tool Changes
  - BPC8 Tool
    - No Tool Changes
  - DALI Commissioning Tool
    - No Tool Changes
  - ProSound Tools
    - No Tool Changes
  - Prodigy Tools
    - No Tool Changes
  - HDXSP Tool
    - Added real-time updated to the equalizers
    - Changed some of the sliders to logarithmic scaling
    - Added noise type selection
    - Added a distance to delay calculator for speakers.
    - Various aesthetic changes
- New Device Support
  - TT-100 (2.36.406)

Toolbox 2.36.318 (9-23-2013)

- Core Toolbox
  - Bugs Fixed
    - Show multiple programs properly in Easy Config / Device discovery Tool.
    - Create proper folder for Functions->General Diagnostics menu item.
    - For 3-Series devices, optimize error handling to eliminate an unneeded reboot upon failure

detection.
- Allow loads via RF to an MLX3 through the internal MC3/PMC3 GW with just "indirect meshnet via MC3" addressing. Select InfinetEX ID "through" the PMC3/MC3 address book entry. Works directly through VTPro-E
- From the Ethernet dialog, when changing from DHCP to static, fixed a bug causing the static address to not be sent in some cases.
- Correct error message upon failure when loading InfinetEX FW for sleepy devices such as the GLS-OIR-CSM-EX-BATT and HTT-B2EX-BATT
- Corrected bug in PUF Tool causing it to fail to properly save backups made in some PUF scripts. Needed for GL-IPAC-SW8 PUF file.
- Fixes for startup status detection and handling for 3-Series devices.
- DM Tool
  - Corrected USB HID status on TX-401-S
  - Corrected Copy Display output selection item text to be "Output 1 HDMI"
  - Added Tool support tab for DMC-STRO
- DMPS Tool
  - No Tool Changes
- Device Learner
  - No Tool Changes
- Sonnex Tool
  - No Tool Changes
- PROCISE Tool
  - No Tool Changes
- DVPHD Tool
  - No Tool Changes
- BPC8 Tool
  - No Tool Changes
- DALI Commissioning Tool
  - No Tool Changes
- ProSound Tools
  - No Tool Changes
- Prodigy Tools
  - No Tool Changes
- HDXSP Tool
  - No Tool Changes
- New Device Support
  - DMC-STRO

Toolbox 2.36.216 (8-21-2013)

- Core Toolbox
  - Changes
    - Added a Firmware Assignment feature to the EX GWs to assign FW for the HTT-B2EX-BATT, and GLS-OIR-CSM-EX-BATT to be loaded the next time the device wakes up and talks to the GW.
  - Bugs Fixed
    - When sending a program match the name of SIG file to the program being sent to ensure the correct one is sent.
    - Fixed False negative after loading the updater to 3-Series devices.
    - Fixed PUF loads of the 3-Series cards when in a PRO3 using USB to connect.
    - Removed Active Sync and Mobile Device Center warnings from Toolbox installs. Online help topics remain.
    - System Info - Automatically refresh the IP table pane after loading a program.
    - Fixed Text Console problem using a sequence key that has
    - Added support to the PUF Tool to meet requirements of new 3-Series PUF scripts.
  - DM Tool
    - No Tool Changes
  - DMPS Tool
    - Added true audio taper to linear faders
    - Reorganized menu and page structure to follow audio console conventions
    - Added submaster controls to mic mixers
    - Various cosmetic changes
  - Device Learner
    - Fixed crash on loading Device Learner related to empty file in MRU list in registry.
  - Sonnex Tool
    - No Tool Changes
  - PROCISE Tool
    - No Tool Changes
  - DVPHD Tool
    - No Tool Changes

- BPC8 Tool
  - No Tool Changes
- DALI Commissioning Tool
  - No Tool Changes
- ProSound Tools
  - No Tool Changes
- Prodigy Tools
  - No Tool Changes
- HDXSP Tool
  - Fixed issue preventing USB from being discovered properly when another connection was open (like Text Console)
  - Implemented character limits to various fields.
  - Smoothed operation of sliders.
- New Device Support
  - Added support for new FW loads to TPMC-9/9L
  - CHV-TSTAT-FCU-HOTEL

Toolbox 2.36.102 (7-15-2013)

- Core Toolbox
  - Changes
    - Improved Toolbox load time (defer loading all tools on startup)
  - Bugs Fixed
    - Fixed timeout on 802.1X dialog.
    - Corrected error handling when canceling PNM mode changes on DM.
    - Added support for recognizing and recover from TPMC-4SM in updater mode.
    - Added Serial number to Easy Config
    - Fixed several crashes in Easy Config / Discovery Tool
    - Added support for updater and bootloader support on the TPMC-3SM
    - Allow right click anywhere in the item in Discovery Tool
    - Added USB discovery support to the Discovery Tool
    - Fixed issue preventing IP table information from being populated in Easy Config/Discovery Tool
    - 3-Series Router Related
      - Fixed issue preventing DM Tool and Text Console being open at the same time when used through the 3-Series router
      - Fixed issue running DM PUF through the 3-series router with the DM Switch in PNM mode.
      - Added support for the bootloader on the 3-series router.
      - Fixed issue addressing 3-Series cards within a PRO3 or AV3
      - Fixed "Open Item" in DM Tool when connecting to the switch via the 3-series router.
  - DM Tool
    - No Tool Changes
  - DMPS Tool
    - No Tool Changes
  - Device Learner
    - Fixed crash accessing certain DB items with no category selected.
  - Sonnex Tool
    - No Tool Changes
  - PROCISE Tool
    - No Tool Changes
  - DVPHD Tool
    - No Tool Changes
  - BPC8 Tool
    - No Tool Changes
  - DALI Commissioning Tool
    - No Tool Changes
  - ProSound Tools
    - No Tool Changes
  - Prodigy Tools
    - No Tool Changes
- New Device Support
  - HTT-B2EX-BATT
  - GL-IPAC-SW8
  - GLS-OIR-C-CN and GLS-ODT-C-CN
  - GLS-OIR-CSM-EX-BATT
  - Crestron RL

Toolbox 2.36.053 (5-16-2013)

- Core Toolbox

- Bugs Fixed
  - Shades - Added module for Easy Config to provide option to bring up the shades config dialog
  - Shades - Added speed setting on the shade config dialog.
  - Changed memory statistics to use 64 bit numbers to allow for larger memory sizes. Fixes the bogus numbers shown in System Info, and some dialogs.
  - Fixed problem in program slot selection for SIMPL#
  - Fixed program startup timeout resulting in a reported failure to load program with SIMPL#.
  - Corrected a double reboot at the end of the DM PUF.
  - Added missing Cresnet ID module in Easy Config for GLXX-2DIM8
  - Changed support for Crestron X Panel (formerly CORE 3 XPanel Web) to force all subfolders to be sent.
  - Corrected timeout in ethernet dialog setting the default router.
  - Fixed an issue syncing the time/time zone on 3-Series devices
  - Corrected an unnecessary reboot after sending programs with a matching IP table (2-Series devices).
  - On ethernet dialog if you change something and change it back without applying in between, applying would still make a change.
  - Address combo on the bottom of tools not always updated with new entries.
  - Fixed exception when copying data to the clipboard from Discovery Tool.
  - Fixed issue causing a hang in Crestron Studio when deleting an address book entry.
  - Changed behavior of Discovery Tool to allow a user to select and right click without causing easy config to load.
  - Fixed support for DM devices in PNM mode on the control subnet of 3-Series devices with a router.
  - Corrected multiple issues regarding timing and detection of 3-Series devices
    - Fixed a problem preventing Toolbox from confirming router version after a FW load.
    - Corrected FPGA version parsing
    - Fixed an issue where incoming infiNet Ex connect messages on an MC3/PMC3 could a failure to identify the device.
    - Extended timeouts connecting over USB
    - Corrected problem upgrading from versions prior to 1.005.0010
    - Corrected response parsing for timing variability after loading the updater component.
  - Corrected problem loading mobile projects to an iPad via Crestron Studio
  - Corrected timeout on AMS/AMS-AIP
  - Corrected 3-Series card detection in the PUF while in a CEN-CI3-3 cage.
  - Corrected issue with File Manager where it may not show a full proper folder hierarchy upon startup.
  - Allow audit logs to be retrieved from 3-Series devices regardless of the enabled state of the feature.
  - Corrected extraneous error messages that were being shown post load via Crestron Studio
  - Fixed scaling of the progress bar shown during cresnet loads via 3-Series devices.
- DM Tool
  - DMTool needs option to route USB device connected on input to USB Host connected on Input
  - No Audio EDID information is shown for DM-TX-201-S/S2
- DMPS Tool
  - No Tool Changes
- Device Learner
  - No Tool Changes
- Sonnex Tool
  - No Tool Changes
- PROCISE Tool
  - No Tool Changes
- DVPHD Tool
  - No Tool Changes
- BPC8 Tool
  - No Tool Changes
- DALI Commissioning Tool
  - No Tool Changes
- ProSound Tools
  - No Tool Changes
- Prodigy Tools
  - No Tool Changes
- New Tools
  - HD-XSP Configuration Tool
  - EDID Tool for working with DM EDID files
- New Device Support
  - INET-IOEX-RYIO, INET-IOEX-IRCOM
  - CLWI-KPLCN

Toolbox 2.35.241 (4-11-2013)
- Added Support for Crestron App
- DMPS Tool - Fixed audio compensation on DM Input on DMPS-200-C

Toolbox 2.35.238 (4-5-2013)

- Core Toolbox
  - Bugs Fixed
    - PUF Tool - Corrected retry handling. Applies mainly to DM PUF.
    - GLPP module support for devices in an intermediate state. Allows the PUF to resolve the issue.
    - Easy Config - Improved Error Handling.
    - Easy Config - Device sessions remained open sometimes after changing devices or closing the tool.
    - Easy Config - showing the wrong tool for CEN-RGBHVHB switchers.
    - Additional features added to the Router Config dialog for PRO3/AV3/CP3N
    - Discovery Tool - Fixed potential hang where it was only possible to close the tool.
    - Discovery Tool - Corrected a problem that would leave the discovery tool disabled after changing IP settings on the device.
    - SIMPL Debugger - Fixed potential crash
    - Fixed a race condition in the server which was causing intermittent crashes of the server process.
    - 3-Series Authentication - fixed the "Is Active Directory User" check box state.
    - Fixed timing issue causing a failure to detect some controllers if connecting while the program(s) was still loading.
    - Fixed crash in the server when aborting X-Modem transfers at certain points.
    - Fixed issue addressing children of devices on the control subnet of PRO3/CP3N/AV3.
    - Fixed issue with Ethernet dialog on C2N-ENET2 cards in 2-Series control systems being unable to independently configure LAN A and B.
    - Optimized initial address book loading eliminating delays.
    - Fixed issue in the program dialog where it would not update when selecting a different program slot.
    - Fixed crash seen when retrieving error logs of 400+ entries.
    - Fixed help buttons on authentication dialog.
    - Fixed timeouts loading FW to DMPS controllers.
    - Fixed hang and switch-to retry on Ethernet dialog.
    - Fixed issues causing false failures on loading router FW on PRO3/CP3N/AV3
    - Added Copy To Clipboard to System Error dialog.
    - Fixed Switch-to Retry in SIMPL Debugger. Seen while SIMPL Windows was open as well.
  - DM Tool
    - No Tool Changes
  - DMPS Tool
    - The user must click on the Parametric graphical display for a setting entered via a data box to take effect
    - Input 2 Video info box changes size with change in video info
    - Incoming Stream Data fails to follow RGB Video Source selection automatically
    - Clicking "AEC Ref" on audio configuration page, opens Mic 1 Configuration page
    - Closing DMPSTool while trying to load tool between 2 IP Addresses makes Toolbox unresponsive
    - Eliminated page jumping when selecting various items
  - Device Learner
    - No Tool Changes
  - Sonnex Tool
    - Warning when switching between Parametric EQ to Graphic EQ
  - PROCISE Tool
    - No Tool Changes
  - DVPHD Tool
    - No Tool Changes
  - BPC8 Tool
    - No Tool Changes
  - DALI Commissioning Tool
    - Scene changes are not saved when scene editor is closed
  - ProSound Tools
    - Pro Sound Tools - Disable Audyssey to prevent crashes on Windows 7 64-bit machines.
  - Prodigy Tools
    - No Tool Changes
- New Device Support
  - C2N-IO - Updated Firmware Load support.
  - CORE3 Xpanel Web support in the Web and Mobility Projects dialog.
  - DIN-AP3 and DIN-AP3MEX support
  - TPMC-4SM - Updated support for PUF loading.

Toolbox 2.35.100 (2-7-2013)

- Core Toolbox
  - Bugs Fixed
    - Addressed a number of Switch-To-Retry problems in various tools.
    - TJI Engine clean up locking mechanisms to remove potential dead-locks
    - Can' t mouse click on pop-up dialog box after connection error
    - Fixed issue of old firmware version still displayed after FW upgrade
    - Fixed issue a number or stability and performance issues in Easy Config and Discovery Tools.
    - 'bookmark' does not capture BACnet serial signals in SIMPL Debugger
    - On Ethernet dialog for devices with PNM enabled, do not show any warning about using multiple IP addresses.
    - Fixed 3-Series device FW loads with SSL enabled.
    - Fixed the issue where a System builder program not starting after upload to MC3 slot 2 and Toolbox reports upload failure.
    - Toolbox is not choosing the correct Program slot if the program ID tag contains underscore.
    - Cresnet Signal Fails Network Analyzer Test on some 3-Series devices
    - Fixed the issue of Toolbox takes long time to start without user feedback
    - Fixed issue for TB will fail to obtain model and version info, if Toolbox connects while device is loading a program.
    - Fixed the issue toolbox where displays incorrect value for NVRAM available on MC3.
    - Fixed the issue where the built-in project is shown as an option in System Info for MLX3 / PLX-3.
    - Fixed Issues with CEN-MNETGW and Toolbox NSW.
    - Enable incremental loads for CORE3 UI projects
    - Extend RESTORE timeout for router based devices.
    - Fixed the issue of Toolbox does not choose the correct SIMPL# slot if the program ID tag contains underscore.
    - Send SIG File does not apply when sending SimplSharpPro programs.
    - Fixed sorting by IP address in device discovery.
  - DM Tool
    - Fixed the issue that vertical image position slider moves image in opposite direction.
    - "Cycle Video Inputs" must always be grayed out when Multiview is selected.
    - TX-300N Video Input shows audio channels when no audio is present.
    - 8G Link Quality results into DMTool Test Report
    - HDCP on/off is not working on the DVI input of a TX-300.
    - DM Tool doesn't report content as 3D at HDMI input of DM-MD-6x6
    - Add error message on DMTool when connected to Non-DM device
    - OSD is not turned off after uploading a project with no OSD
    - DMTools for HD-DA-2-Quad does not show 3D
    - DM Tool doesn't report content as 3D at HDMI input of TX-401-S
    - DM Tool doesn't show USB HID as connected on TX-401-S
    - DM-Tool X-Position slider scale should be -100 to 100 for VGA Input
    - TX-401-S - Video generator continues outputting video after disabling
    - Switching from one DM to another can result in a Switch To/Retry dialog
    - TX-200 - Video resolution reports incorrectly at HDMI input when RGB input is selected
    - Fixed issue when Pressing Input Setup usually causes TB crash when DM-Tool still opening
  - DMPS Tool
    - Added support for DMPS-300 AEC
    - Remove the Input Audio Compensation slider when audio input is on Auto.
    - Fixed some malfunctioning UI elements.
    - Add Vu meters to Program and AEC reference
  - Device Learner
    - Fixed Help button
  - Sonnex Tool
    - Changed the labels and values for the speaker size and location combo box
    - Add two additional speaker profiles
    - Tied the behavior of the equalizer to the chosen speaker size and location values
  - PROCISE Tool
    - No Tool Changes
  - DVPHD Tool
    - No Tool Changes
  - BPCB Tool
    - No Tool Changes
  - DALI Commissioning Tool
    - No Tool Changes
  - ProSound Tools
    - No Tool Changes
  - Prodigy Tools
    - No Tool Changes

- New Device Support
    - TST-600
    - TSW-730, TSW-550, TSW-1050
    - PRO3, AV3, CP3N
    - CSM-QMT50-DCEX
    - GLPP EX series devices
    - TPMC-V12-GV, TPMC-V15-GV
- New Features/Tools
    - Support 3-Series Control-Subnet configuration, Router and Multi-LAN interface for PRO3/AV3/CP3N
    - Show all in-system Ethernet devices in Network Tree when not linked to Program Tree
    - New "Add to address book" context menu item(s) in the Network Tree and Discovery Tool.
    - DMPS Tool to Support 300-AEC
    - Create address book entry and/or address book from Device Discovery Tool
    - Toolbox splash screen

Toolbox 2.34.069 (10-10-12)

IMPORTANT - Toolbox is now UAC compliant! This resulted in some improvements and a few changes in file handling. Please read the following list to understand how this may affect your use of Toolbox.

- UAC related changes
    - For new installations, the default location of all user files (address books, workspaces, PUF backups, Tool config file saves, text console logs and so on) are defaulted to folders beneath C:<windows_logon>.
    - For upgraded installations, the location of the current user files will not change. However, if the location is beneath the install folder, you cannot save the file under UAC restrictions. With UAC enabled and starting Toolbox, if the
        - address book or workspace loaded is in a restricted location, you will see a message suggesting you move the file.
    - The user database used by the IR Learner tool defaults to under program files which is not allowed under UAC restrictions. It is suggested you change this setting from SIMPL Windows before using the IR Learner tool.
    - The location of the diagnostic server logs has changed to be under AppData folder. Use the server right click "Open Log Folder…" to get there easily. This is for both new and upgraded installations.
    - You can run Toolbox from any user now! Yes, Toolbox is now installed for all users by default.
    - Uninstalling does a proper wipe of all install registry settings. If you are just upgrading, you do NOT have to uninstall.
    - Fixed Bugs
    - Various enhancements to improve reliability of PUF loads to larger DigitalMedia systems
    - Fixed false failure loading the IO Processor and FPGA on 3-Sereis controllers
    - SSL management converts .cer file to .der for a CP3 fixed.
    - Several Enhancements to the 802.1X dialog for device specific features and corrected expiration date.
    - Added Network Setup Wizard support for 3-series cards.
    - Fixed an issue that could cause the PUF tool to hang and never complete.
    - Passwords entered in the text console are now filtered from going into the command history buffer.
    - Fixed some memory leaks in the back end communications server.
    - Fixed some issues with BACNet licenses showing intermittently
    - Fixed a System Builder crash on upload to an MPS-100
    - Fixed occasional errors loading web projects from System Builder.
    - Fixed timeout on DM Switchers when setting DHCP mode.
    - Fixed timeout during detection on heavily populated 32x32 DM switchers
    - Fixed bug which could erase IP tables on DM Switchers after loading a PUF.
    - Fixed Auto-Baud detect mechanism. Used by ILux designer as well.
    - DM Tool
        - Clarified error message shown when connection is lost.
        - Fixed some issues which would cause a crash or hang if the tools was used during device activity.
        - Spinning scroll wheel while in Video Tester causes continually changing resolutions
        - TX-401-S - DP Video EDID in auto mode has no tooltip for output
        - Missing Input Selection pull-down in DM tool for TX-201-S2
        - DM Tool - TX-201-S2 HDMI EDID setup page is missing DM Output
        - DM Tool - EDID setup page is blank on TX-401-S2
        - Fixed bug causing loading progress bar on some DM Switchers to hang.
    - GLS Energy Monitor
        - Allow the tool to be resized.
- New features
    - Configuration Dialog for CSC shade motors.
    - Re organized the Program dialog and added a check box to override the "Send default IP table" popup.
    - Added the ability to cancel a PUF in progress.
- New Support
    - CEN-SWPOE-16

- - - CLW-DELVEX, CLW-SWEX 230-277 devices, CLWI-SWEX, CLWI-xDIMxEC devices
    - CSC-ACCN, CSC-DCCN, CSC-DRPCN
    - DM-TX-201-S2, DM-TX-401-S2, DM-RMC-SCALER-S2, DM-RM-200-S2
  - Device Learner
    - No Tool Changes - But refer to UAC changes for important note.
  - Sonnex Tool
    - No Tool Changes
  - PROCISE Tool
    - No Tool Changes
  - DVPHD Tool
    - No Tool Changes
  - BPC8 Tool
    - No Tool Changes
  - DALI Commissioning Tool
    - No Tool Changes
  - ProSound Tools
    - No Tool Changes
  - Prodigy Tools
    - No Tool Changes
  - DMPS Tool
    - DMPS Tool Help file is missing screen shot and description of VGA YPbPr controls
    - Clarified error message shown when connection is lost.
    - Toolbox crash reconnecting to a DMPS-100 after rebooting it.

Toolbox 2.33.051(7-20-12)

- Fixed Bugs
  - Added Help file sections for 802.1X and BACNET support dialogs.
  - Corrected Program Tree verififcaiton of C3 cards.
  - Fixed significant issue with SSL communications that would cause intermittent drops and communication stalls.
  - When loading a program with no IP table entries, old entries would remain.
  - Easy Config
    - System Uptime now shows all fields, not just days.
    - Add DM Tool button to DM Roomboxes
    - Fixed potential crash when device does not report back expected data.
  - Discovery Tool
    - Sorting by IP fixed to address proper address ordering.
  - Expose PNM mode option on DMPS-100-C, DMPS-200-C, and DMPs-300-C devices.
  - Fixed problem causing issues when retrieving a program from a 3-Series processor.
  - Fixed an issue sending a program utilizing BACNET licenses where no warning was given when the number of endpoints allowed was exceeded
  - DM Tool
    - Fixed inverted logic on the 16:10 filter
    - DMC-DVI - Vertical position slider moves video in opposite direction
    - DM-TX-401-S not shown on main page of DM-MD8x8 when connected.
    - 3D support does not appear in EDID list at TX-401-S
    - Spinning scroll wheel while in Video Tester causes continually changing resolutions
    - Disable All is not working from DMTool on the TX-401-S
    - DM Tool is not showing proper audio selection when switching inputs on TX-401-S
    - Fixed problem with DMC-VGA free run.
    - Can't tell if DP on DM-TX-401-S supports HDCP
    - Firmware error message when the check box for Disable Free run is checked on the Incoming Steam tab.
    - HDCP on/off is not working on the DVI input of a TX-300.
    - DMC-HDO not represented correctly in Test Report
    - HDCP Support not working on HD-DA-2 and HD-DA-2-Quad
    - 16:10 check box missing on HD-DA-2 EDID page
    - 16:10 check box on HDMI does nothing for TX-300
    - Tooltip doesn't show up on the output side for RMC-200-C/Scaler-C/200-S
    - Tool is not retaining EDID check boxes on TX-401-S
  - Changed default ASCII transfer settings to 0ms line pacing by default. Was 100ms.
  - SNMP config would add double monitors when you edited a rule.
  - GLS Energy Monitor - Fixed issues related to changing the address or reconnecting once opened.
  - File Manager
    - Would show additional "phantom" folders after creating folders.
    - Could not delete folders with one character names.
  - Fixed an issue loading FW to a DM-RMC-SCALER-C in bootloader.
  - Fixed problem loading firmware to DM-TX-401-S

- ○ PMC3 Failed to upload Message: "The Ability requested (code= 29697) is not supported on this device" seen in System Builder.
- ○ "Upload type not supported" message for MC3 seen prior to program load. Occured wchen device at the address selected changed.
- ○ Fixed problem loading FW to a TPCS-4SM(D)
- New features
  - ○ When sending a program an option was added to send the SIG file as well. SIMPL debugger will look or this and pull it back down for you when debugging.
  - ○ Simplified Toolbar. This is an option that will hide most tools to simplify the Toolbox UI. Easy Config Presents an easy to use interface that will show you only the relevant tool for the connected device.
  - ○ SSL certificates are now validated. Certificates that fail to validate will cause a warning to be shown at the time of connection.
- New Support
  - ○ CLW-DELVEX-E, CLW-DELVEX-P, P-DELVEX
  - ○ P-SWEX-230
  - ○ CLWI-DIMUEX, CLWI-SWEX, CLWI-1SW2EX, CLWI-DIMFLVEX, CLWI-KPLEX
  - ○ CSC-DRPEX, CSC-DCEX, CSC-ACEX
  - ○ CSC-DCCN,CSC-ACCN,CSC-DRPCN
  - ○ CSM-QST50-DCCN
  - ○ DM-RMC-200-S2, DM-RMC-SCALER-S2
  - ○ DMPS-100-C, DMPS-200-C
  - ○ PTX3, MTX-3 - Added additional update support
- Device Learner
  - ○ No Tool Changes
- Sonnex Tool
  - ○ No Tool Changes
- PROCISE Tool
  - ○ No Tool Changes
- DVPHD Tool
  - ○ No Tool Changes
- BPC8 Tool
  - ○ No Tool Changes
- DALI Commissioning Tool
  - ○ No Tool Changes
- ProSound Tools
  - ○ No Tool Changes
- Prodigy Tools
  - ○ No Tool Changes
- DMPS Tool
  - ○ HDCP Support check box should not be present on inputs 6 and 7
  - ○ Fixed issue with various regional Windows settings.
  - ○ Added IP Information to the main page
  - ○ Double Force Video/ Source Type selection menu on Input Configuration page of Input 3/4/5 RGB
  - ○ BNC Image Adjustmnet page has RGB controls exposed
  - ○ DMPSTool does not remove 16:10 in real time when click Apply/save
  - ○ Fixed incorrect labeling of output 2 as output 3 on dmps tool
  - ○ Missing Check Boxes on EDID pages of DMPS-300-C
  - ○ Added DMPS-100-C and DMPS-200-C support
  - ○ Audio Routing OFF is not working.
  - ○ Change the position of "Source Mix to Left/Right Link Together" selection check mark
  - ○ Always shows 3D on EDID of Input 6
  - ○ Routing page has wrong fonts and no feedback on Input Streams

Toolbox 2.32.053 (4-30-12)

- Core Toolbox
  - ○ Bugs Fixed
    - In Display Project Assignment dialog, Toolbox only shows RF-ID 03-08 but SIMPL will only allow 09 to 0E for PMC2 /PLX3
    - Toolbox will crash when opening Ethernet dialog to a Pro2 without Ethernet card
    - Easy Config - Remove Display Project from defaults for control systems.
    - Easy Config - Connecting to an indirect address may cause the tool to crash
    - Failure loading firmware to DMPS Audio board
    - Toolbox crashed while updating firmware on 3-Series cage and cards
    - Discovery Tool - Tool incorrectly reports no devices found if Crestron Database is not installed.
    - Discovery Tool - Tool may hang at 19s during discovery.
    - Discovery Tool - Fixed possible crash
    - Resolved an issue that could lead to CORE 3 projects not displaying properly after being loaded.
  - ○ DM

- DM Tool
  - No LQ dialog from TX-201-S
  - 3D Support does not show up on pop-up tooltip
  - Selecting EDID mode - Video Copy display / Audio Force Basic is problematic
  - Vertical image position slider moves image in opposite direction
  - Disable free run should not be under video tester
  - Add Left vs. Right frame choice for 3D video when converting 3D to 2D
  - LQ feature not working on TX-200-C-2G
  - TX-200-C-2G Should allow changes to HDMI EDID at all times
  - Remove scroll bars from output setup page of RMC-150-S
  - 16:10 checkboxes should be on the all HDMI inputs
  - HD card do not save 3D support correctly in manual mode
  - Test Report saved with "Crestron 16x16 0.40.00" as name causes lack of formatting
  - 6x4 inputs in manual mode should have visual feedback
  - 3D should not be offered in Manual EDID for all TX's except 100's and 401' s
  - Added 8G Link Quality results into Test Report
- Firmware Updates
  - Unable to load FW to DMC-HD card
  - PUF Tool should not hang when it can' t connect to a device in a DM system
  - Failures during updates to fiber roomboxes
  - RMC-100 fails to upgrade in 16X16 PUF upload
  - Loading bootloader PUF to RMC-100's, fails on the first pass
  - Can't properly load FPGA with PUF tool to TX-200-C-2G
  - RMC-200-C is failing DMNet uploads from DMPS
  - RMC-100 fails upload on first round of PUF activity when running in bootloader
  - BNC and DVI cards in bootloader when in DMCI will not be detected by PUF
  - PUF Tool may hang when loading to DMC-DVI in DMCI
  - RMC-150-S always fails FPGA upload from PUF
  - TX-100-F and RMC-100-F do not upload when running in bootloader
- New Device Support
  - UFO-WPR-3ER
  - Sonnex SWE-8
  - CSC-ACEX, CSC-DCEX, CSC-DRPEX
  - CSC-ACCN, CSC-DCCN, CSC-DRPCN
  - CSM-QMT50-DCCN
  - DM-TX-401-S
  - GLS-ODT-C-EX
  - CEN-SW-POE-16, DM-PSU-8, DM-PSU-16
  - CLW-DELVEX
- New Features/Tools
  - GLS-EM-MCU Energy Monitor Commisioning tool.
  - Easy Config - All fields of intreset are selectable to support clipboard copy operations.
  - 802.1X Toolbox configuration Dialog - For 3-Series Processors
  - Certificate Management Dialog - For 3-Series Processors
  - Licensing Dialog - For licensing BACNet on 3-Series Processors
  - Enabled SNMP Management for 3-Series processors.
- Device Learner
  - Tool will crash when saving if not connected to a device.
- Sonnex Tool
  - Loading config files appear to hang the tool.
  - Added Support for the SWE-8
  - Fix expanders not reporting in correct order
- PROCISE Tool
  - No Tool Changes
- DVPHD Tool
  - No Tool Changes
- BPC8 Tool
  - No Tool Changes
- DALI Commissioning Tool
  - No Tool Changes
- ProSound Tools
  - No Tool Changes
- Prodigy Tools
  - No Tool Changes
- DMPS Tool
  - Unable to set or move lower limit of Paramentric EQ Filter properly
  - EDID Output Scrollover Tooltips don't update properly
  - Fixed occasional crash in the tool.

Toolbox 2.31.034 (3-12-12)

- Core Toolbox
  - Bugs Fixed
    - In Network and Program Trees, Identify or Setup would always restart the program, even if it was not running previously.
    - In NSW show an hourglass during the gateway discovery process
    - IP Table dialog - protect against attempts to remove dynamically added IP table entries - CEN-CI3 related
    - Fixed potential XPanel load failure in System Builder due to incorrectly perceived file conflict on device.
    - Fixed a few potential but rare issues related to FW loads on 3-series processors
    - Fixed loading FW from GLI modules in bootloader.
    - Unable to upload to MLX3 via external gateway from System Builder
    - Fixed problem showing FW version of TPS-6L in Network Tree
    - Added new support required for latest TPMC PUF upgrades
    - Fixed error reported in Network Tree when connecting to PAC2
    - Fix Project loads to TPCS-4SM, was sending an invalid command.
    - DMPS - Adjustments to support related to VLAN support in FW.
    - Corrected ADMS category in Network Tree
    - Fixed loading DM-MD6x6/4 front panel from PUF Tool
    - Changes to PUF Tool logic to support rebooting DM systems appropriately during upgrades.
    - DM Tool
      - DM Tool doesn't show video as 3D at output card tooltip
      - Fixed issues with real-time DM output signal information.
      - Remove Deep Color check box for DMC-CO-HD
      - Fixed - RMC-Scaler-C color adjustments don't seem to be working correctly
      - Fixed - File manager shows incorrect timestamp for 3-series Controllers
      - Ensure LQ functionality on TX and RMC direct connections
      - HDO card show it detect no video when FW detects video
      - DMC-S - Doesn't show HDCP status on incoming stream page
      - "HDCP Support" should only be present on TXs, HD and DVI input card
      - USB HID not switching on 6X1
  - New Device Support
    - Network Analyzer support for 3-Series processors that support it.
    - SNMP configuration support for 3-Series processors that support it.
    - CLW-SWEX-230-E, CLW-SWEX-230-P, CLW-SWEX-277-P
    - DHDC-HDVI card for DVPHD
    - C2N-AMP4x100
  - New Features/Tools
    - Easy Config and improved Discovery Tool.
    - Network Setup Wizard now supports control systems with authentication turned on.
    - Network Setup wizard has improved IP table management to eliminate entries no longer in use.
    - SIMPL Debugger handles Unicode characters from serial data properly.
- Device Learner
  - No Tool Changes
- Sonnex Tool
  - No Tool Changes
- PROCISE Tool
  - Fixed - Shows wrong filter selected on parametric EQ page
- DVPHD Tool
  - Added support for the DHDC-HDVI card
- BPC8 Tool
  - No Tool Changes
- DALI Commissioning Tool
  - Fixed potential crash on unexpected data from device.
- ProSound Tools
  - No Tool Changes
- Prodigy Tools
  - No Tool Changes
- DMPS Tool
  - Rearranged help file topics to be in proper order.
  - Audio Flow Tab - Input Selections buttons need further definition
  - Help file specifies the incorrect microphone resolutions
  - Move the Phantom Power Help file information to the Mic Configuration box

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