Product or Content Description

Package Update File for the CP3N

Package contents:
Cntrl Eng: v1.600.3781.33119
Updater: v 1.0.33
Bootloader: v1.29.00
RouterBootVersion: v4
RouterVersion: 1.004.0003
RouterRev2BootVersion: v205
RouterRev2Version: v 2.000.0053
IOPVersion: v1.3177.00007

System Requirements and Dependencies

Software Requirements:

!! Device Database 91.00 or greater

Operational Installation/Upgrade Instructions

When upgrading from 1.007.0019 or later, the recommended upgrade steps are:

- Use FTP client such as Filezilla to upload the file to \FIRMWARE, or using Toolbox FileManager, upload the file to \ROMDISK\USER\SYSTEM
- Using Text Console, use the command: PUF <Filename>

Version History

Version 1.600.0092 May 11, 2019

Changes since Last Version

New features

- Upgraded cryptography libraries, used for TLS and SSH
Updates

- General security enhancements
- General and stability enhancements for XiO Cloud
- General and stability enhancement for SNMP
- Enhancement for Certificate utilities
- Enhancements for AuditLog
- Enhancements for AutoUpdate
- Stability enhancements for RemoteSyslog
- Stability enhancements for Secure Sockets
- Stability enhancements for FITC connections
- Stability enhancements for Crestron Web Sockets
- Stability enhancements for BACNet
- Stability enhancements for 802.1x
- Remove unnecessary messages from logs

Bugs

- Fix issue where closing instance of UDP socket in S+ code results in other instance not able to receive data
- Fix for MPC3-10x wakeup issue

Known Issues

- SSLVERIFY is OFF in CA mode, it should be enabled
- When you are upgrading a router-based control system from 1.504 or before, if 802.1x was enabled, it will be disabled after the upgrade to 1.600. Please be aware that this means you may lose network connectivity, as the system won't authenticate on 802.1x.

Version 1.504.0040.0004 February 14, 2019

New features

- Added support for loading programs via XiO Cloud

Updates

- XiO Cloud enhancements
- Update webserver to use TLS1.2
- Improve Secure Socket robustness

Bugs

- Fix issues with LEDs in MPC3

Version 1.503.0070.0001 November 16, 2018

New features

- CTP and Telnet are disabled by default
- Add a default SSH Banner which prints a warning recommending securing the device
Updates
- Updated support for XiO Cloud
- Updated support for Dynamic BACNet
- Updated support for BACNet stack
- Updated support for Auto Update
- Updated support for SNMP walks
- Stability update for Secure Client connections
- Stability update for Web Sockets
- Stability update for TimerEngine

Version 1.503.0026        June 1, 2018
New features
- Updated IR support file with latest set of standard commands for Crestron Studio
- Support for new EISC’s for communicating with Virtual Control

Bug fixes
- Resolved issue with data not being sent to extenders of GWEXER on update request
- Resolved issue with XiO Cloud connectivity

Version 1.503.0016        February 28, 2018
New features
- Add support for XiO Cloud

Bug fixes
- Resolved router port forwarding issues at system boot
- Resolved BACNet COV issue

Version 1.502.0039        August 15, 2017
Bug Fixes
- Resolve issues with exceptions when a 3 series is slaved to another 3 series controller
- Updated the range of valid ports allowed for BACnet

Known issues
- When a system is configured with one of the time zones listed below, performing this firmware upgrade will set the time zone back to the default time zone of Pacific Standard Time
  - Time Zone: 120 UTC-11
  - Time Zone: 121 Venezuela Standard Time
  - Time Zone: 122 Russia TZ 9 Standard Time
  - Time Zone: 123 W. Australia Standard Time
  - Time Zone: 124 W. Central Africa Standard Time
  - Time Zone: 125 W. Europe Standard Time
  - Time Zone: 126 W. Mongolia Standard Time
  - Time Zone: 127 West Asia Standard Time
  - Time Zone: 128 West Bank Gaza Standard Time
  - Time Zone: 129 West Pacific Standard Time
  - Time Zone: 130 Russia TZ 8 Standard Time

  The time zone should be set back to its correct configuration after upgrading the firmware
- When Telnet and standard Web services are disabled and a firmware upgrade is performed the services will be re-enabled. After upgrading it will be necessary to disable them.

**Version 1.502.0029** June 7, 2017

**Updates**

- Resolve issues with the rf subsystem being out of sync causing a loss in functionality unless the unit was rebooted.
- Resolve issues with the AutoUpdate engine.
- Resolve issues with the Bacnet Stack for Invoke Id optimizations
- Resolve issues with the printing of the username in the whoami command

**Version 1.502.0026** May 17, 2017

**Updates**

- Initial release for the ZUM-FLOOR-HUB

**Version 1.502.0020** April 6, 2017

**Updates**

- Add support for the IGMPProxy command.
- Resolve issues with Websockets connectivity.

**Version 1.501.0106** January 31, 2017

**Updates**

- Reduced extraneous messages in log.


**Updates**

- Initial release for the DMPS3-4K-200-C / DMPS3-4K-300-C.

**Version 1.501.0105** November 7, 2016

**Updates**

- Reduced extraneous messages in log for websocket connections.

**Version 1.501.0104** October 26, 2016

**Updates**

- Improve network resilience for websocket connections
- Resolve issue with BACnet where network outage could cause devices to go offline

**Version 1.501.0041** October 14, 2016

**Updates**

- Resolved AV Framework and Fusion interoperability issues

Updates

• SIMPL Debugger fix
• Resolved issue where gratuitous ARPs would cause devices to lose IP address assignments.
• Added support for SHA256 Certificates.
• Added support for Crestron Web Scripting, allowing SIMPL# to to tie into the built-in webserver.
• Optional parameters added to the CreateCSR command.
• Auto Update changes needed for the new tool.
• Resolved issues with TSW Panels not connecting over SSL.
• Resolved issues with 802.1X where we incorrectly advertised support for PEAPv1.
• BACnet fixes:
  o Foreign Device registration is now saved across reboots.
  o Added new console command to disable a Read following a write.
  o Memory leak fixes when NumberOfStates join was not being used for the Multi state.
  o Initiate Foreign device registration before sending out a WHO-IS or I-AM.
  o Resolve memory corruption issues.
  o Handle broadcast unconfirmed COV notifications.

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