

CPU Release

Notes Firmware

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New Features/Mods:

- General
 - ISO8601 UTC date format now honours timezones
 - Add support for Dual Pulse C & D inputs (requires I/O Firmware >= 3v05/2v12)
 - Add "Support Tunneling" feature
 - Constants Log now honours "raw number" format style option
 - If supported, use RTC NVRAM to validate longer RTC hold-up time
 - Update RTC just before shutdown/reboot
 - Setting time/date (via NTP or website) now clears the RTC Error system flag
- Local Panel
 - Added Mercury HMI Ltd, Mercury 2+ support
- Comms
 - OPC – Add support for second network port
 - OPC – Add alarm datestamp (denotes when alarm was last SET)
 - MQTT – Add ability to use "dynamic" topic names
 - MQTT – Add support for sending reports
 - Setting FTP port to zero will disable/ignore FTP service
- Web
 - Added support for login "dashboard" and gauges pages
 - Add "Download SSL Certificate" to Network page
 - Add support for user configurable DNS entries
 - Show full app name even it's been truncated in SysInfo array

Fixes:

- General
 - no changes
- C||Cure
 - nfbuildtime() now returns 0 if time/date is invalid
 - Fix nfsprintf() so it can take INT arrays as a string argument

- Perform database snapshot before processing alarm, reports, etc to fix missed snapshots by (eg) comms tasks
- Web
 - Ensure dashboard login dialog is still shown if login fails
 - When in DHCP mode, disallow network changes when Network page first loads
 - SysLanguages pins now show language names rather than magic numbers
- Local Panel
 - no changes
- Comms
 - no changes

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