NEW

With the aim of improving continuously our products and focusing on our customers' needs, Dixell is pleased to inform you that a new operative system is available for the iPro family.
This update introduces a set of new functionalities for

the platform to increase the performances and help the developers during the application development and debug.
There will not be codes or prices variations.

1. New bios changelog

Following the list of the new features available in the new bios:

- Automatic conversion of engineering units and check on the limits
- Added support to a new updater format called zupdater
- Updated security on website
    - Content spoofing on xjgetvar.cgi
    - Password transmitted via GET command
    - DOM XSS with cookies
- Improvement of xjgetvar.cgi
    - Hex addresses are now allowed as variable names for the cgi call
- Modbus slave can now be configured also on RS-485 Master port
- Increased the speed of SET_VALUE_MAP and increased limit for configuration files to 10,000 lines
- Transferred at OS level COMSR_ENC (encode) and COMSR_DEC (decode)
- Added COMSR_MENC and COMSR_MDEC for multiple CMD lines for COMSR
- Added redundancy control to avoid configuration reset in case of power loss
- Fixes on the outputs of CFB VALVE_MOVE (only IPG800)
    - Fix Valve_Status (V_ST) output
    - Fix Current_Error (ECUR) output
- Uploading from the website an isadix with the same app that is already present on the iPro do not trigger a reboot anymore
- When a new app is loading in an iPro (isadix), retain variables are now cleared
- Transfer of a bin file without any Visograph connected will not trigger the process
- Improved the reliability of updates via USB stick and LEDs management
- BACnet fixes and implementations
    - Added multiple clients support for COV service
    - Added the file object support
    - Added check subscriber offline function
    - Increased the maximum number of AV objects to 400
    - Increased the entries of the property multi-state alarm_state to 100
    - Enabled the allow_timesync property in the configuration file
    - Optimized the COV procedure for the ISAGRAF cycle time
    - Optimized the MSTP process and message procedure
    - Optimized the communication of BACnet service
    - Changed the value of event_detection_enable value from true/false to 0/1
    - Changed multi-state state_text read function (when read, all content will be replied)
    - Changed the Priority_Array behavior to Present_Value=PA16=application value
    - The timer used in the BACnet service is not affected by the system time changes anymore
    - Updated the status_flags in the COV message;
    - Added Calendar/Scheduler missing properties
    - Updated reliability property for all the objects
- Improved the internal communication system
- Increased reliability on Modbus slave and Visograph/Visotouch communication
- Better handling of Windows file names on USB pen drives
- Various improvements on debug report
- Fix temporary IP management when current IP is in the subnet 192.160.0.x
- Reduced the iProLINK boot time
- Added new Gmail security certificates
- Updated timezone values
- Reduced updater size
- Further small fixes and optimizations

2. Availability

The new bios is available; please contact our sales department for further information.