Firmware for ioLogik 2500 Series (GPRS) Release Notes

<table>
<thead>
<tr>
<th>Version: v2.3</th>
<th>Build: Build18060814</th>
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<tbody>
<tr>
<td>Release Date: Aug 20, 2018</td>
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**Applicable Products**
ioLogik 2542-GPRS(-T), ioLogik 2512-GPRS(-T)

**Supported Operating Systems**
N/A

**New Features**
N/A

**Enhancements**
N/A

**Bugs Fixed**
- Fixed where using FTP Upload action in Click&Go Plus triggers abnormal device reboot.
- Fixed AI scaling result and web display error.
- Fixed where using TCP Message action in Click&Go Plus triggers abnormal device reboot.

**Changes**
N/A

**Notes**
N/A
Applicable Products
ioLogik 2512-HSPA, ioLogik 2512-HSPA-T, ioLogik 2542-HSPA, ioLogik 2542-HSPA-T

Supported Operating Systems
N/A

New Features
- Modbus/TCP Master function.
- RESTful API protocol support.
- HTTPS support.
- Counter power off storage function.
- Counter overflow flag.
- Service Setting to Enable/Disable all services on one page.
- Access Control function for login attempt and lockout.
- User Settings operator, user account enable/disable.
- Password expiry time and notification configuration.
- System use notification added on login page.
- Internal registers BOOL and DWORD.
- AOPC alive check for port 9500.

Enhancements
- Counter Value can be set by user through Modbus/TCP, AOPC, SNMP, RESTful API.
- DO safe mode Hold Last function added.
- ioLogik E1200 expansion unit connection status registers added.
- ioLogik E1200 expansion unit auto-reconnection function added.
- Unencrypted system log content added.

Bugs Fixed
- Fixed NTP only updates once for daylight saving time.
- Fixed weekday and time zone mismatch issue.
- Fixed counter initial value reset to 0 after counter scaling is enabled.
- Fixed counter value reset to 0 when device is reconnected with MX-AOPC UA Server.
- Fixed AI keyword replacement error for active messages from Click&Go Plus.
- Fixed Click&Go DO lock issue when power on delay occurs.
- Fixed unable to show special characters on web dashboard.
- Fixed alias name with special characters issue.
- Fixed AI on change update not triggered when variance<1.

Changes
- Updated password requirements.

Notes
N/A
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**New Features**

N/A

**Enhancements**

- Improved device time accuracy.

**Bugs Fixed**

N/A

**Changes**

N/A

**Notes**

N/A
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<td>ioLogik 2512-GPRS, ioLogik 2512-GPRS-T, ioLogik 2542-GPRS, ioLogik 2542-GPRS-T</td>
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**Supported Operating Systems**

N/A

**New Features**

- Supports MXIO V3.0.
- Supports MX-AOPC UA Logger data supplement function.
- User Settings for three roles: Administrator, Operator, and User.
- Access Control for allowing IP addresses to access through the Modbus protocol.
- Three TC modes (78.126 mV, 39.062 mA, 19.532 mV) for ioLogik E1262 as I/O expansion.
- Added “Power on Delay” settings for relay channels of ioLogik E1214 as I/O expansion.
- Modbus address for raw value of AI, AO, TC, and RTD.
- Modbus address for relay current count value, relay total count value, and reset relay current count value for ioLogik E1214 as I/O expansion.
- Click&Go Plus IF condition for “relay current count value” and “total count value”.
- Click&Go Plus Action for “Reset relay current count value”.
- Modbus host connection timeout settings.
- Click&Go Plus IF condition for “Modbus host connection status”.
- Click&Go Plus IF condition for RTD and TC value comparison.
- Enable/disable option for FTP server service.
- Timestamp options (device local time or UTC and time zone) for data logging function.
- Peer-to-Peer disconnection mode settings for DO and AO channels.
- Communication timeout settings for FTP Client, Email, CGI Command Client, TCP Message, and Remote Action Client.
- Checksum algorithm to improve correctness of configuration file transfer between IOxpress and Device.
- Search device by IP address function.
- Click&Go Plus IF condition for “Cellular link up”.
- RSSI tag.
- Added “Cellular IP” in keyword lookup options of SNMP trap, TCP/UDP message, email, and SMS.
- Online web and configuration compatibility check, and guide user to import configuration through IOxpress.
- Web console access rights by user type.

**Enhancements**

N/A

**Bugs Fixed**

- Fixed DO incorrect ON CHANGE status issue, which happened on Online Web interface, Modbus, AOPC, and Data Logging functions.
- Fixed FTP Client return code (450) handling issue for FTP server.
- Fixed Serial Mode setting mismatch (485-2W/422).

**Changes**

N/A

**Notes**
N/A
**Firmware for ioLogik 2500 Series (GPRS) Release Notes**

<table>
<thead>
<tr>
<th>Version: v1.2.0</th>
<th>Build: Build15082818</th>
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<tr>
<td><strong>Release Date:</strong> Oct 29, 2015</td>
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**Applicable Products**
ioLogik 2512-GPRS, ioLogik 2512-GPRS-T, ioLogik 2542-GPRS, ioLogik 2542-GPRS-T

**Supported Operating Systems**
N/A

**New Features**
N/A

**Enhancements**
N/A

**Bugs Fixed**
- Fixed a malfunction that occurs while importing configurations with empty rules to the device via the web.

**Changes**
N/A

**Notes**
N/A