



4G LTE Multi-Carrier & Event Engine Update

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Features & Benefits

All-in-one platform for remote monitoring and control

- Multi-carrier support for the latest 4G LTE networks with 3G/2G fallback
- Combines built-in I/O* and an active GPS* receiver with multiple serial and Ethernet ports to securely monitor remote devices
- Delivers secure communications to remote locations regardless of environmental conditions
- Seamlessly connects to remote field devices such as SCADA systems, PLCs, remote I/O and other automation equipment
- Leverages Event Engine to drive control to the edge device, which can reduce data usage



**Not available with IndustrialPro® SN 6000 products*

New Feature: Multi-Carrier Support

- **Supports numerous cellular carriers**
 - Verizon Wireless and AT&T in USA
 - Bell Mobility, TELUS and Rogers in Canada
- **User selectable carrier through intuitive web-based user interface**
- **Requires specific carrier Subscriber Identification Module (SIM)**
- **Switching carriers only requires a new SIM**
 - No need to replace hardware
- **Helps reduce inventory**
 - Only one SKU needed for multiple carriers



New Feature: Multi-Carrier Support

- User web-based configuration

Manage Module Firmware

Active: Verizon 06/2015

Select Carrier: Verizon 06/2015

Note: If you recently installed or reflashed a carrier firmware package, you may need to refresh the carrier list by clicking Refresh below

Details:

Firmware Version: Generic 06/2015

Profile Version: Rogers 06/2015

Also update APN (optional): ne01.vzwstatic

Update Module Delete

The screenshot shows a web-based configuration interface for managing module firmware. At the top, it says 'Manage Module Firmware' and 'Active: Verizon 06/2015'. Below this is a 'Select Carrier' dropdown menu currently showing 'Verizon 06/2015'. A mouse cursor is hovering over the dropdown, which has opened to show a list of options: 'None Selected...', 'AT&T 06/2015', 'Bell Mobility 06/2015', 'Generic 06/2015', 'Rogers 06/2015', 'Telus 06/2015', and 'Verizon 06/2015'. The 'Verizon 06/2015' option is highlighted in blue. To the right of the dropdown is a help icon (question mark). Below the dropdown is a 'Refresh' button. To the left of the dropdown is a note: 'Note: If you recently installed or reflashed a carrier firmware package, you may need to refresh the carrier list by clicking Refresh below'. Below the dropdown is an 'Also update APN (optional)' field with the value 'ne01.vzwstatic' and a help icon. At the bottom are two buttons: 'Update Module' and 'Delete'.

All five carrier files are pre-loaded on each device so switching carriers only takes approximately 3 to 5 minutes.

New Feature: Event Engine

- **Web-based, user-configurable logic controller**
 - Triggers specific actions based on real-time operational data
 - Based upon a data location value vs. setpoint or limit comparisons
- **Operational data or register values**
 - Supports built-in I/O*
 - Works with system variables and user-defined internal registers
- **Configure up to 99 events**
- **Actions include:**
 - Send an SMS message
 - Write a value to a specific register
 - Run a command script (i.e. reboot device)
 - Send an alert to SixView Manager® software platform

**Not available with IndustrialPro® SN 6000 products*



New Feature: Event Engine

EXAMPLE



- A simple on/off push button connected to an external RAM[®] discrete input or DI1 can be configured to trigger an event when pushed
- The register value associated with the push button/DI1 is the actual trigger for the event, which then sends an SMS message to a user as the action, in this case “Button pushed”

New Feature: Event Engine

- Event Setup

Event Configuration

Action Type ?

Recipient ? Required

Message Format ?

Custom Active Message ? Required

Custom Inactive Message ?

Edge Triggering ?

Level Triggering ?

New Feature: Event Engine

- Events can be triggered by an expression based on other events

Event Configuration

Event Name ⓘ Required

Enable Event ▼ ⓘ

Data Source ▼ ⓘ

Event Expression ⓘ Required

So, Event 1 is true only when Event 2 and Event 3 are true



Cellular RTU & Routers

- All-in-one platform for monitoring and control
- Multi-carrier support, easy-to-use event engine and advanced diagnostics
- Provides reliable visibility of field assets

Call your local representative to learn more!

Questions?

For more information

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