4G LTE Multi-Carrier & Event Engine Update

Paul Bunnell | July 2015

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

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New Feature: Multi-Carrier Support

- **User web-based configuration**

**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
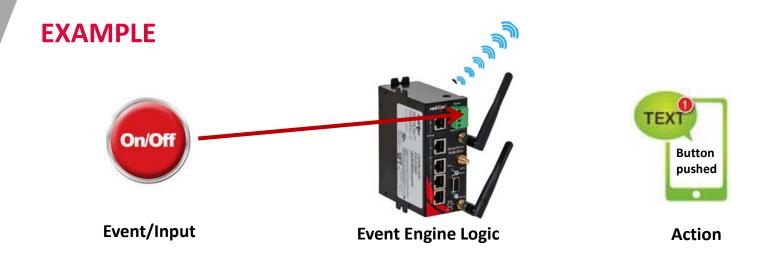
- **Operational data or register values**
  - Supports built-in I/O*
  - Works with system variables and user-defined internal registers

- **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)
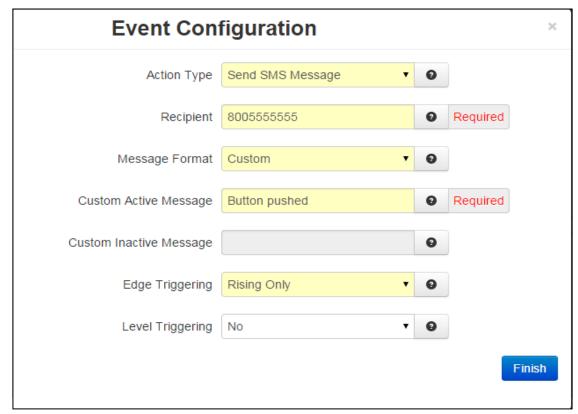 - Send an alert to SixView Manager® software platform

Not available with IndustrialPro® SN 6000 products

New Feature: Event Engine

EXAMPLE

Event/Input

Event Engine Logic

Action

- **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"**
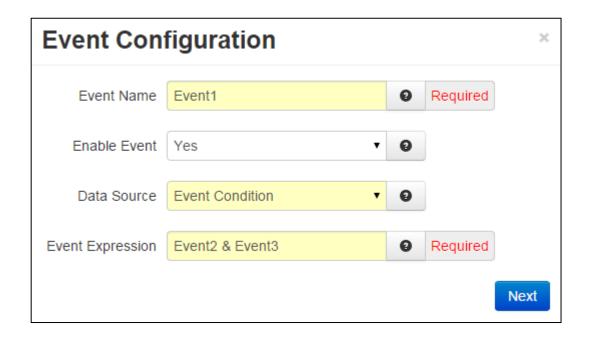
New Feature: Event Engine

- **Event Setup**

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

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

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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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