

# Version 11.3 New Features

## A Constantly Growing SCADA Solution



In addition to major software version updates, our permanent team of programmers and engineers regularly releases service updates with enhancements, bug fixes, and new features. VTScada 11.3.02 is now available for download from our FTP site. If you have a valid VTScada SupportPlus Contract, you can download and install it anytime.

### Support for IPv6 Addressing



ISPs have very limited IPv4 addresses left and will soon be unable to issue new ones. In addition to decades of new addresses, IPv6 provides better security and network capabilities.

- IPv6 is a Standard Component of VTScada. \*
- VTScada applications can use networks that run IPv4, IPv6, or both.

### Alarm Notification using Twilio<sup>®</sup>



VTScada Alarm Notification System includes an interface to [Twilio](#) \*\*. This web-based communications platform provides voice telephony alarm notification functionality as an alternative to voice modems.

- Works in hosted applications.
- Benefits those that require voice but lack phone lines.

### IEC Driver



IEC 60870-5 is a collection of standards by the [International Electrotechnical Commission](#) for the transmission of SCADA telemetry control and information via a broad class of devices from around the world.

- Includes time stamping and Report by Exception.
- VTScada can also act as an IEC slave (virtual PLC) with this driver.

### OpenID Connect



If enabled, this user-authentication standard allows operators to connect to the VTScada Anywhere Client using their OpenID Connect credentials. Refer to the [OpenID Foundation](#) website for details.

- Users can logon once, access multiple business applications through the day without logging on again.
- Can also provide enhanced security through two-factor or multi-factor authentication.

### Additional 11.3 Enhancements

- The Sites, Map, and Operator Notes pages now each have their own dedicated system privilege. Old applications will have their Operator and Logged Off users updated with the new privileges as each application is activated, and any users not inheriting from those roles will also be updated. Any applications which have been updated with new privileges will not be updated again, and thus they can be removed from any users or roles that were automatically given privileges after the update. New applications will include the new privileges as part of the Operator role only.
- Event records in the alarm history for unknown username login attempts now show the attempted username.
- The Alarm Page can now display the text of acknowledged alarms using their priority color rather than just black or white.
- A new application hook, AlarmAckAllHook, is called whenever the Ack All or Ack Shown buttons are clicked.
- ROC Driver TLP definitions may now be added or overridden at the application level.
- New TextEncode() function was added which encodes text as UTF-8.
- System library function has been added for JSON encoding, System.JSON\_Encode().

\* Existing IPv4 applications may require configuration changes. For details, see the VTScada Help topic "Moving to the Current Version." IPv6 logo is the trademark of the Internet Society.

\*\* Twilio licensed separately. Requires a VTScada license with Alarm Notification System enabled. Not supported by VTScadaLIGHT. Twilio and Twilio logo are trademarks of Twilio, Inc.