VTScada
Software for Monitoring & Control

VTScada Alarm Notification System™
Optional Component

The critical information you need, anywhere, anytime.

Today's SCADA operators are far too busy in the field to have time to sit looking at screens all day waiting for problems to occur. When alarms do happen, the system needs to be able to get that information to the right person as soon as possible no matter where they might be.
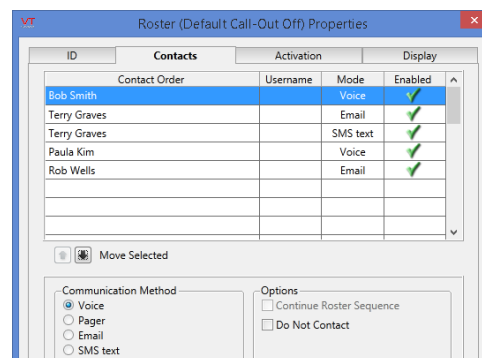
The VTScada Alarm Notification System (ANS) transmits alarm information anywhere via text-to-voice phone calls, SMS text messages, emails and pagers. Dial into your application using your application security account to check levels, acknowledge alarms, change setpoints, or send commands to equipment.

Crystal Clear Text-to-speech - The ANS supports the 'Salli' speech engine from IVONA® which represents the latest in text-to-speech technology. Superior speech quality makes it easier for you to hear important alarm information.

Built-In is Better - VTScada's unique integrated approach to alarm notification vastly reduces integration time and ensures tight compatibility over the entire life of your SCADA system no matter what version you are running. Add alarm notification to any VTScada Runtime or Development Runtime license by simply updating your VTScada software key. The ANS shares the same tag and alarm databases as the VTScada application.

Leave No Alarm Unacknowledged - When an alarm goes unacknowledged for a user-defined period, VTScada won't stop until it finds an authorized person to acknowledge it. The system begins working its way through rosters of up to 30 contacts each. A contact is a combination of a staff member and a method of notification such as SMS text message, email, or over the phone via text-to-speech voice engine. This means you can create a contact for your cell phone and another for your home phone. Each method allows the user to acknowledge the alarm and stop VTScada from sending further notifications. Configure any number of rosters for the whole application or specific functional areas. Roster activations are recorded as events in the alarm history.

Dial-In Phone Access - Dial in from anywhere to log in and use the auto-generated spoken menu's system to hear system values (e.g. well levels), perform control actions (e.g. start pump 1) and receive or acknowledge a list of alarms.

Advanced Modem Management - VTScada collects modems from all application servers into a single pool. VTScada searches this pool, rather than a particular server, for an appropriate data or voice modem to use when sending alarms.

Automatic Alarm Notification Failover - As with all VTScada services, automatic server failover is an important factor in ensuring application reliability. This feature is extended to alarm notification connectivity, whereby a list of backup VTScada ANS servers can be created. In the event the primary notification system is unavailable, VTScada will automatically and seamlessly switch to the backup server. Responsibility will return to the primary server when it is restored.

Application-level Security - Secure access on incoming and outgoing calls is maintained through the use of the standard VTScada Security Manager. To receive status or alarm information, users are prompted by VTScada for their password. Users who do not have the 'Alarm Acknowledge' security privilege will not be able to acknowledge alarms.

Mobile Alarm Management - The alarm notification license includes a WAP Server that allows you to view levels, acknowledge alarms, and control equipment via simple web pages designed for WAP-enabled mobile devices. In version 10.1, this feature was superseded by the Mobile Internet Client which is licensed separately.

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