

Alarm and Event Notification Software



- Powerful Remote Alarm & Event Management
- Hardware-Independent
- Wide-Ranging Industry Applications
- FactorySuite A² Software Integration



SCADAalarm 6.0 alarm and event notification software from Wonderware, a business unit of Invensys Systems, Inc., is based on the Microsoft Windows operating system and serves as a telecommunications link to industrial automation software systems. SCADAalarm software provides real-time intelligent alarm notification, data acquisition and remote control from a multitude of telecommunication devices. As an enterprise-wide telephony and messaging system, SCADAalarm software can transform any PC into a communications command center that can monitor the entire network 24/7 and deliver the right information to the right person at the right time.

PRODUCT HIGHLIGHTS

- **Convenience** – Users can interact with process systems from any telephone.
- **Freedom** – Alarm information can be accessed from any HMI or the Industrial Application Server.
- **Cost Savings** – Continuous monitoring and deployment of messages, 24/7, can significantly reduce personnel costs and improve response times.
- **Speed** – Users can quickly gain remote access to live information.
- **Reliability** – SCADAalarm software has a proven track record for reliability with some of the most prestigious corporations in the world.

POWERFUL REMOTE ALARM & EVENT MANAGEMENT

SCADAalarm 6.0 software is the most powerful and flexible product of its kind, ushering in a new generation of intelligent alarming. Wonderware's popular SCADAalarm product is unique because it's not just an alarm-and-event messaging system, but an interactive extension of human-machine interface (HMI) software systems and the Wonderware Industrial Application Server. SCADAalarm software intelligently vocalizes alarms over speakers, intercom systems, radios and telephones. It can also send alphanumeric text messages and/or e-mail. Users telephone in and, after acquiring authorization from the security system, can receive privileges to remotely respond to alarms. SCADAalarm software enables the user to navigate through secure voice menus to:

- Listen to and acknowledge alarm details
- Change analog tag values and/or discrete tag states
- Access HMI and/or Industrial Application Server information

HARDWARE-INDEPENDENT

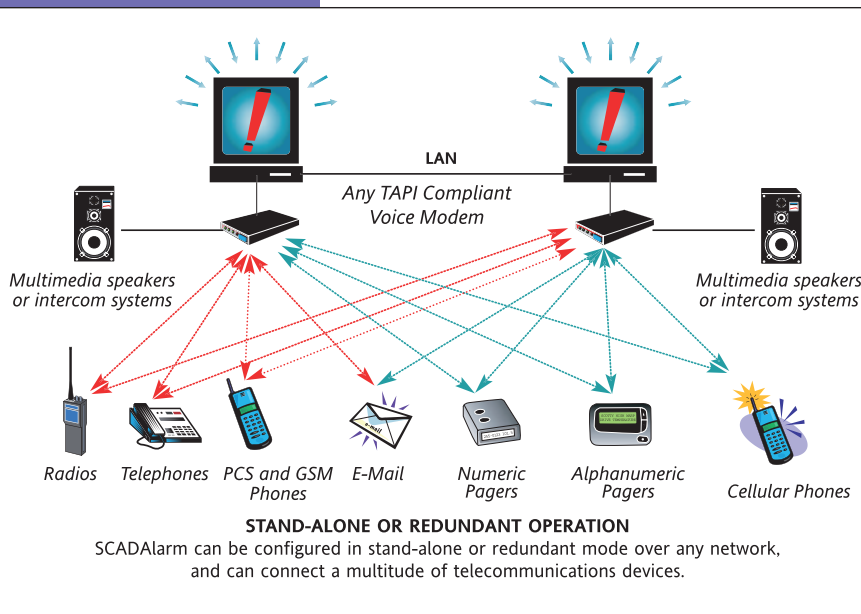
SCADAAlarm 6.0 software supports TAPI (Telephony Application Programming Interface). This is a Microsoft programming standard that enables telephony software to work with any TAPI-compliant modem. As a result, SCADAAlarm 6.0 software is device-independent and allows users to choose standard, inexpensive off-the-shelf modems in their local areas. In addition, users benefit from a host of other features such as:

- Support for standard RIFF (or .WAV) files
 - ◆ Audio files leverage the latest technology
 - ◆ No VOX conversion required
 - ◆ Simplified audio recording
- Local annunciation over multimedia hardware

WIDE-RANGING INDUSTRY APPLICATIONS

Industries around the world are realizing the benefits of SCADAAlarm software and achieving a new dimension in remote connectivity, including:

- Water, Wastewater, Oil & Gas - Redundant SCADAAlarm systems monitor manned and unmanned plants, pipelines and offshore oil rigs 24/7.
- Pharmaceutical - Plant personnel broadcast process-quality information over pagers and plant PA systems.
- Building Automation - Operators can adjust temperatures, turn lights on and off, and receive and acknowledge security and fire alarms from telephones.
- OEMs / Machine Builders - The software alerts maintenance personnel about machine malfunctions.
- Semiconductors - SCADAAlarm software can be used in gas-monitoring systems. The simplicity and flexibility of Wonderware's SCADAAlarm software has enabled thousands of customers to realize the power of advanced telecommunications for their unique applications. The application possibilities are virtually endless.



- Support for multiple-channels
 - ◆ Multiple modem support for one SCADAAlarm system
- Independent device configuration
 - ◆ Modems can be configured independently for different uses, such as incoming and outgoing calls

Setup for using TAPI is as easy as installing and configuring the modem's driver.

FACTORYSUITE A² SOFTWARE INTEGRATION

SCADAAlarm software is an integral part of Wonderware's FactorySuite A² software for industrial automation. SCADAAlarm software includes built-in browsers that can connect to Wonderware's award-winning InTouch HMI and the Wonderware Industrial Application Server software systems to enable faster system configuration.

SCADAAlarm software can be configured to alert operators to more than just alarms. For example, a message to the operator can be sent when someone generates an emergency work order. In addition, SCADAAlarm software can send information about inventory levels, part numbers, supplier contact information, etc. to personnel on the plant floor.

SCADAAlarm software combines the convenience of mobile communications with the power of Wonderware - giving you control, information and intelligent messaging at your fingertips.

ADDITIONAL FEATURES

Text to Speech

SCADAAlarm 6.0 software supports text-to-speech technology. Now, instead of manually recording voice files, you can generate sound output directly from text and save a tremendous amount of configuration time. The text-to-speech capability can also help you standardize your company's text and audio messages.

Integrated Industrial Application Server Features

The Wonderware Industrial Application Server and SCADAAlarm software are a winning combination for quickly alerting personnel to changes and alarms in the control system. SCADAAlarm Version 6.0 enables native communication to the Industrial Application Server using MX and a built-in attribute browser for fast configuration.

Industrial Application Server Alarm Acknowledgement

Alarms or events that occur in an Industrial Application Server system can be acknowledged easily through a new configuration window in version 6.0 of the SCADAAlarm software. Plant personnel can acknowledge and listen to alarms and events using all the standard SCADAAlarm methods.

InTouch Batch Tag Imports

SCADAAlarm 6.0 software includes an InTouch tag browser that supports batch import of InTouch tag definitions into the SCADAAlarm software, enabling faster configuration of alarms and events.

Support for Caller ID

Security is a primary concern when implementing systems that enable control via external devices. Version 6.0 expands the capabilities for increasing system security by supporting Calling Party Identification (CPID). This feature increases flexibility and security when authenticating callers, such as:

- Automatic logins based on the caller's phone number
- Restricted logins based on the caller's phone number
- Hacker detection
- Restricted access if no caller ID is presented



STANDARD FEATURES

- Extensive e-mail support and notification options, including supervisory e-mail reports when alarms are activated, acknowledged and/or cleared
- Support for global alphanumeric paging gateways
- Four contact devices per operator
- Enhanced Tag-Vue spreadsheet provides convenient alarm editing and sorting
- Aware of Wonderware's SuiteLink and DDE (Digital Data Exchange), OPC (in conjunction with OPCLink) and MX protocols
- Integrated logger can e-mail SCADAAlarm log file at scheduled intervals
- Content-sensitive help at any time by pressing F1
- Alarms broadcast over speakers, intercoms, PA systems, radios and multimedia sound systems
- Alphanumeric and numeric messages to pagers and mobile telephones
- Voicemail menus simplify the manipulation of industrial automation software systems
- Works with all major software systems and Wonderware's Industrial Application Server
- Contains system scheduler for all the days of the week and holidays
- Alarms can be grouped and prioritized individually
- Human voice recording in any language
- Multiple operator clearance levels
- Extended on-call, back-up and courtesy notification groups
- Daily schedule and personal calling preferences for each operator
- On-demand self-documentation
- Text-paging terminal for operators to type and send messages to any pager
- A single SCADAAlarm system can monitor the entire LAN
- Redundant configuration on Master and Standby nodes

SYSTEM REQUIREMENTS

The following minimum system requirements are recommended:

- Any IBM-compatible computer with a Pentium 166 MHz processor (or the minimum required by the operating system)
- At least 100 MB of free hard disk space
- At least the minimum amount of RAM required by the operating system
- Any of the following Microsoft operating systems:
 - ◆ Windows XP Professional, SP2
 - ◆ Windows 2000 Professional
 - ◆ Windows 2000 Server
 - ◆ Windows 2003 Standard Server
- Voice modem that supports TAPI
- Available EIA-232 Serial Comm Port (external modem)
- Available PCI or ISA slot (internal modem)
- Receiver (e.g., pager, e-mail server, phone)
- 800 x 600 video resolution or higher

SCADAAlarm Demo Version

SCADAAlarm software includes a “demo version.” This is simply a pre-configured SCADAAlarm application that includes a simulated pager/phone. You can select to install the demo version during the installation. If you have a valid SCADAAlarm license installed, the demo version will run until the license expires. If not, the demo version will shut down after two hours.

Supported Software

The following software packages have been tested and are supported by Wonderware’s SCADAAlarm 6.0 software:

- Wonderware InTouch 9.0
- Wonderware Industrial Application Server
www.wonderware.fi
- Intellution iFix 3.5
- Siemens SIMATIC WinCC 6.0
- Rockwell RSView32 6.3
- Ci Technologies CiTect 5.40

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