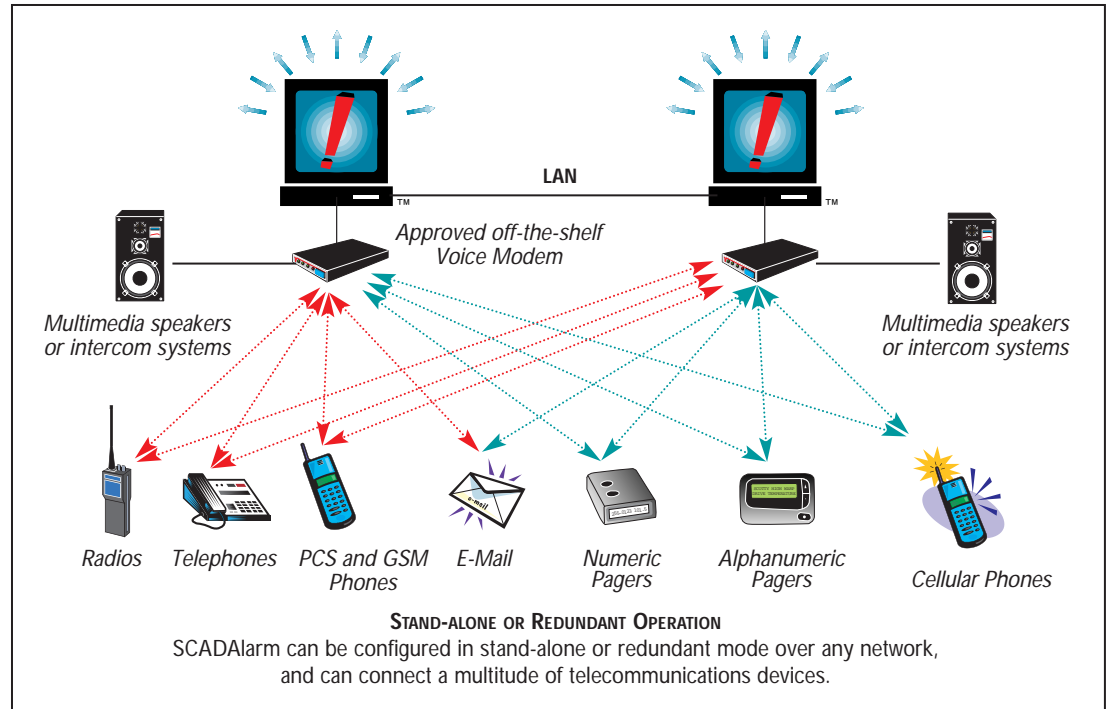




Enterprise-Wide Telephony/Messaging System

SCADAAlarm™ 5.0 Advanced Telephonic Dialer



Product Position

Wonderware is proud to announce the latest release of the world's most popular software alarm dialing system, SCADAAlarm™. SCADAAlarm 5.0 is the most powerful and flexible product of its kind, ushering in a new generation of intelligent alarming.

SCADAAlarm 5.0 is a Windows®-based telecommunications link to industrial automation software systems that 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 turns 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. SCADAAlarm is unique in that it is not just an alarm and event messaging system, but is an interactive extension of Human-Machine-Interface (HMI) software systems. It boasts the power of not just hearing the details of an alarm, but actually resolving them from any telephone. It is the fastest and most flexible form of remote connectivity with the broadest range. SCADAAlarm intelligently vocalizes alarms over speakers, intercom systems, radios, and telephones or sends alphanumeric text messages and/or emails. Once connected via telephones, operators move through secure voice-menus and can:

- ▼ Listen to alarm details and acknowledge them from any telephone
- ▼ Change analog tag values and/or discrete tag states
- ▼ Listen to HMI information by moving through custom and secure voice-menus

As an addition to FactorySuite™, Wonderware's software suite for industrial automation, SCADAAlarm 5.0 brings powerful remote alarm management and multimedia capabilities to InTouch®, the HMI visualization component of the suite, enabling operators to listen to and manipulate InTouch tags from any telephone.

As an addition to MaintenanceSuite™, Wonderware's maintenance software product, SCADAAlarm 5.0 can be configured to alert operators when an emergency work order

SCADAAlarm™

PRODUCT DATA SHEET

SCADAAlarm™ 5.0 is a Windows®-based software telephonic communications link to practically any HMI/SCADA software system, providing real-time alarm notification and reporting, data acquisition and remote control from practically anywhere.

is generated. SCADAAlarm is capable of sending all the necessary information to the plant floor including inventory levels, part numbers, and supplier contact information.

Combine the convenience of mobile communications and the power of Wonderware. With SCADAAlarm 5.0, you've got control, information, and intelligent messaging at your fingertips.

Applications

Thousands of customers around the world are realizing the benefits of using SCADAAlarm to achieve a new dimension in remote connectivity. Remote industries such as Water and Wastewater and Oil and Gas customers use redundant SCADAAlarm systems to monitor manned and unmanned plants, pipelines, and offshore oil-rigs 24/7. Pharmaceutical customers use SCADAAlarm to broadcast process quality information over pagers and plant PA systems. Building Automation customers use SCADAAlarm to adjust temperatures, turn lights on and off, and receive and acknowledge security and fire alarms from telephones. OEM machine builders use SCADAAlarm to give their machines a voice to alert maintenance personal of a malfunction. And semiconductor customers use SCADAAlarm in gas monitoring systems. The simplicity and flexibility of SCADAAlarm has enabled thousands of customers to realize the power of advanced telecommunications in their own unique application. The application possibilities are virtually endless.

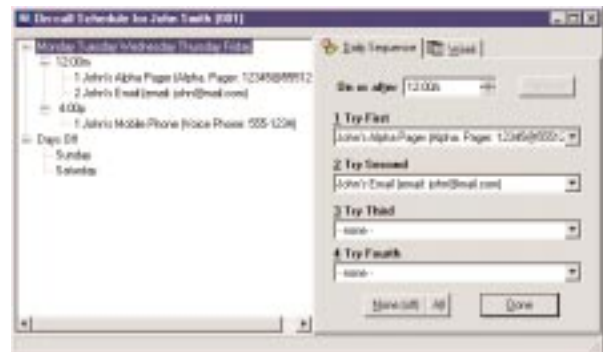
New in 5.0

- Extensive email support and notification options including supervisory email reports when alarm is activated, acknowledged, and cleared.
- WAV to VOX sound-file conversion utility.
- Several new voice modem drivers to choose from.
- Completely new operator interface and enhanced Windows conventions.
- Now supports global alphanumeric paging gateways.
- Enhanced scheduling, alarm grouping, and reporting options.
- Uses soft-licensing conventions; no more coded modems.
- SCADAAlarm tag limit increased to 20K.
- Now with 4 contact devices per operator.
- New easy to understand graphical menu tree expands and collapses.
- Enhanced Tag-Vue spreadsheet provides convenient editing and sorting of alarms.

- Suitelink, DDE, and OPC (in conjunction with OPLink) aware.
- 32 lines of tag report scripts with script copy function.
- Integrated logger can email SCADAAlarm logfile on scheduled intervals.
- Content-sensitive help at any time by pressing F1.
- HMI tag and tag report script import/export utility.
- Now with tooltips and balloon help.

Standard Features

- Voices alarms over speakers, intercoms, radios, and multimedia sound systems.
- Sends alphanumeric and numeric messages to pagers and mobile telephones.
- Contains voice-mail menus that make manipulating Industrial Automation software systems from any telephone as easy as checking voice-mail.
- Works with all major HMI/SCADA software systems.
- Contains system scheduler for all the days of the week and holidays.
- Alarms can be grouped and prioritized individually.
- Real human voices can be recorded in any language.
- Multiple operator clearance levels.
- Extended on-call, back-up, and courtesy notification groups.

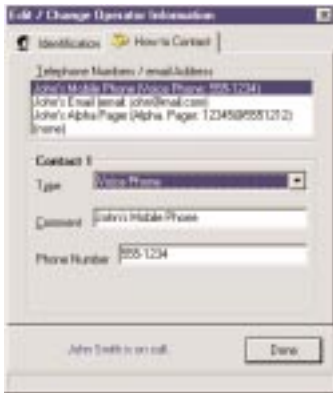


Integrated personal & system scheduler for all the days of the week and holidays.

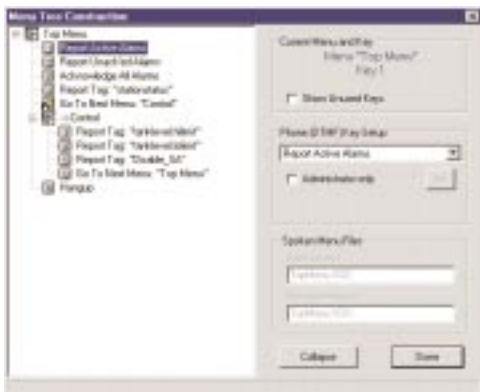


Integrated logger documents all of the SCADAAlarm transactions

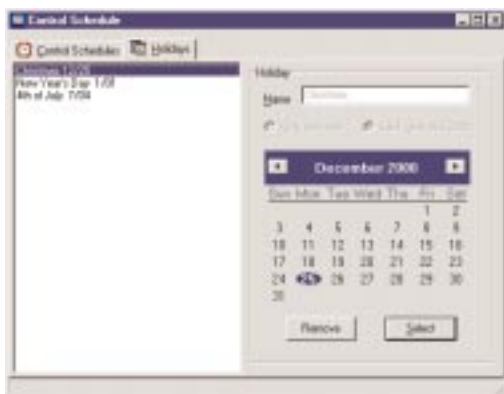
- Daily schedule and personal calling preferences for each operator.
- On-demand self-documentation.
- Text paging terminal allows operators to freely type and send a message to any pager.
- A single SCADAAlarm system can monitor the entire LAN.
- Two SCADAAlarms can be configured redundantly on Master and Standby nodes.



Each operator has an ID Code, PIN, personal greeting and several telephone/pager numbers



Easy to understand graphical menu tree expands and collapses



Extended calendars and system scheduling features

Benefits

- **Convenience:** Allows users to do anything from anywhere with any telephone.
- **Freedom:** SCADAAlarm has the broadest range and easiest access to any HMI.
- **Cost Savings:** SCADAAlarm continuously monitors and intelligently deploys messages 24/7, and can significantly reduce manpower costs.
- **Speed:** The fastest way to get live HMI information remotely.
- **Reliability:** Whether in a stand-alone node or in redundancy, SCADAAlarm has a proven track record for reliability with the some of the most prestigious and demanding corporations in the world.

SCADAAlarm Example

Steve Gates, a maintenance technician at the Springfield Water Department, is in his truck when his PCS telephone receives the following alphanumeric page:



Steve dials SCADAAlarm running on a PC in the Control room and hears:

SCADAAlarm: "This is the Springfield Water alarm and information system, please enter your operator I.D."

Steve Gates: Logs in by entering his operator ID (003) and his PIN (1111)

SCADAAlarm: "Thank you for calling, Steve Gates. There are active alarms present. Main Menu:

- To hear the active alarms, press (1)
- To hear unacknowledged alarms press (2)
- To hear current reservoir levels, press (3)
- To hear current pipeline pressures, press (4)
- To go to the plant control menu, press (5)
- To hang up, press (0)"

Steve Gates: Presses (1) to hear the active alarm

(continued)

SCADAAlarm: "The high level alarm at Tank 1 is active, with a current level is twenty-four point five feet. To acknowledge this alarm press nine"

Steve Gates: Presses (9) acknowledging the alarm

SCADAAlarm: "Alarm has been acknowledged. Main Menu:
• To hear the active alarms, press (1)..."

Steve Gates: Steve decides that the high alarm set-point was set too low, so he wants to reset it. He presses (5), remembering that it takes him to the plant control menu



SCADAAlarm: "Plant Control Menu:

- To change alarm set-points at Tank 1 press (1)
- To turn on or off parking lot lights, press (2)..."

Steve Gates: Presses (1) to change the high set-point

SCADAAlarm: "Tank 1 Set-point Menu:

- To change the low level set-point, press (1)
- To change the high level set-point, press (2)..."

Steve Gates: Presses (2), to change the high level set-point

SCADAAlarm: "The current value of the high alarm set-point is twenty-four feet. Enter a new value. Use the star as a decimal point and the pound sign to enter"

Steve Gates: Enters (26#)

SCADAAlarm: "Twenty-six. If this is correct, press pound"

Steve Gates: Presses (#), confirming the set-point change and logs off

SCADAAlarm: "Goodbye"

Specifications

Hardware Required:

Pentium 133 processor or better

Disk space: 6MB plus 3.5K/sec of speech

Available EIA-232 Serial Com Port (External Modem)

Available PCI or ISA slot (Internal Modem)

Approved SCADAAlarm voice-modem (Current modem selection guide available at www.wonderware.com)

O/S Required:

Microsoft® Windows® 2000™, NT™ 4.0, or '9x

Server Software:

DDE, SuiteLink, or OPC aware server
(OPC via Wonderware OPCLink)

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