



Industrial Alarm Notification Software

FirstPAGE & FirstPAGE Alarm Manager

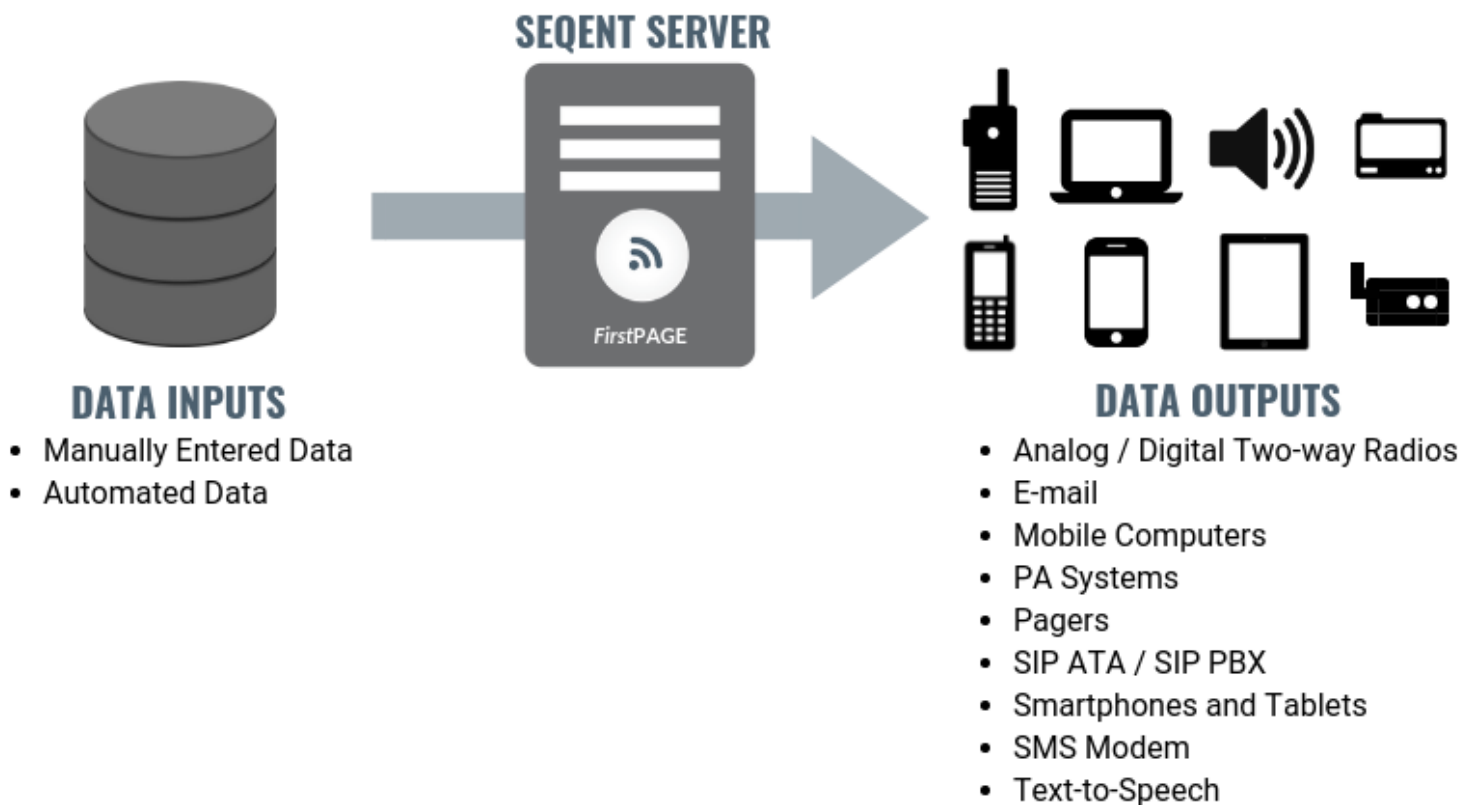
Product Family Brochure

SeQent
Real-Time Decision Solutions



Industrial Automated Messaging

SeQent's FirstPAGE (FP) product family provides a high-volume automated messaging platform that publishes text and voice data in real-time to a wide range of communication devices. FirstPAGE offers a generic interface to a multitude of messaging platforms, enabling simplified communication and configuration. With support for many output protocols or platforms including email, SMS, databases, voice and two-way radios, combined with various connectivity options (serial, modem, TCP/IP, databases), FirstPAGE allows for a vast combination of custom implementations. This innovative and cost-effective product enables messaging to the right people at the right time with features such as automated failover provider paths, connection management, time zone configuration, schedule configuration, distribution lists, and more.



FirstPAGE Features

- Hot Reloadable: Server configuration is fully hot reloadable, allowing real-time changes to the live system with no impact to messages in process
- An administration tool that allows the user to create a database that maintains the relationship between Usernames, Pin Numbers, Service providers, and output mediums
- Windows 32 & 64 bit support
- Support for automated fallback to alternate communication paths to deliver messages to providers
- Supports any national service provider or any in-house paging system

FirstPAGE

The FirstPAGE product family includes various components which provide a complete high volume text messaging ecosystem. The FirstPAGE Server is the core of the FirstPAGE automated messaging product family.

FirstPAGE Server

Provides a centralized interface to multiple messaging providers and implements distribution lists, scheduling, queuing, automated failover provider paths, and connection management.

FirstPAGE Administrator and Web Administrator

Allows easy local or remote management of the FirstPAGE messaging engine and enables the creation of configuration, monitoring of activities, viewing of logs, and message audit trail.

FirstPAGE Gateways

Provides a path for external data to flow into the FirstPAGE Server for publication to any FirstPAGE Destination. These components build bridges to standard manufacturing industry inputs (OPC, ODBC) and allow for generic input with E-Mail (SMTP) mailboxes.

FirstPAGE Client and Web Client

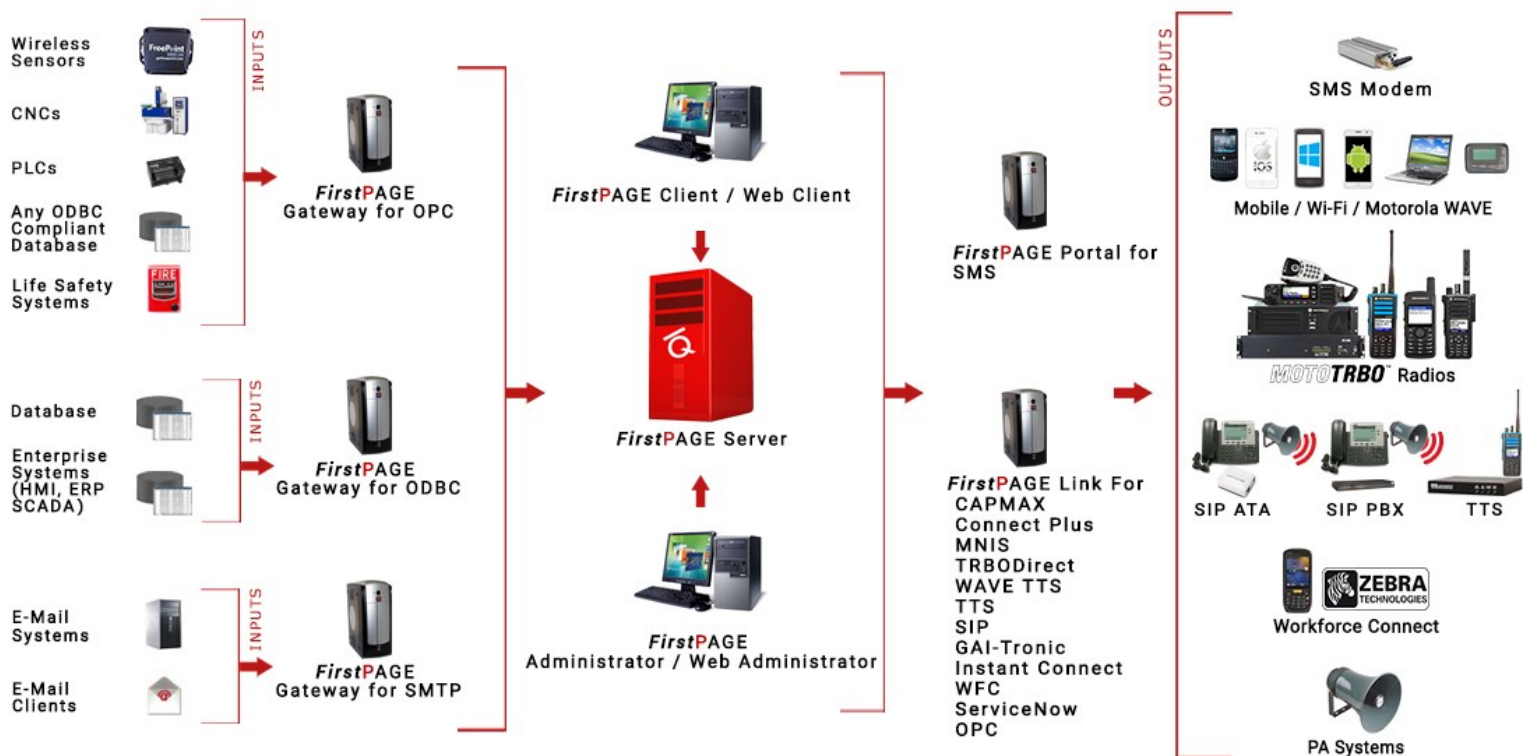
Provides a manual messaging interface available as a Microsoft Windows-based application or a web-based application. Capable of sending manually composed messages with either of these interfaces to any destination within the FirstPAGE framework.

FirstPAGE Links

Extends the capabilities of the FirstPAGE Server to allow dispatch to devices hosted in complex communication networks or proprietary systems. Using Links, FirstPAGE Server may dispatch text messages or text to speech audio to various systems.

FirstPAGE Portals

Allows end user devices to control what messages they receive via a simple text messaging interface and provides remote control of their associated FirstPAGE Destination state (enable/disable).



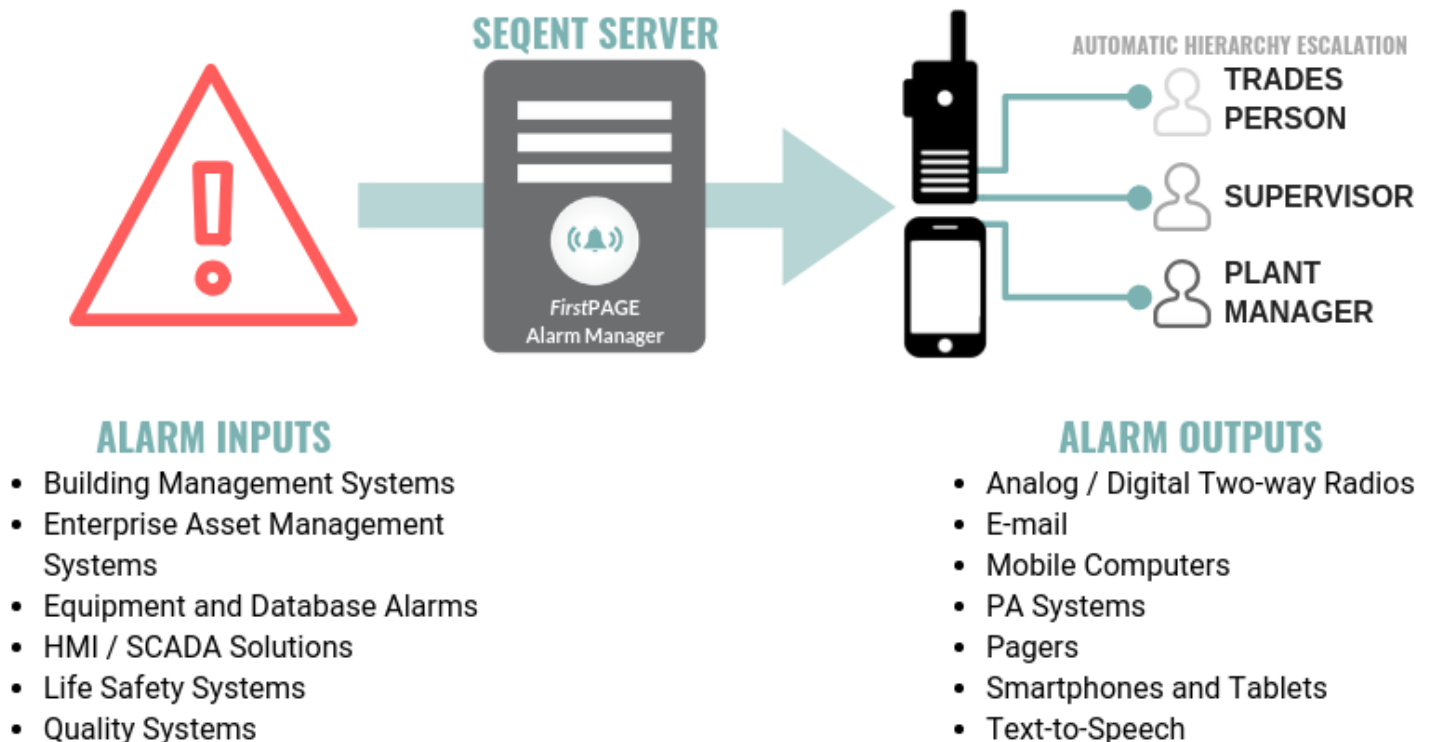
FirstPAGE Alarm Manager

Alarm Notification Software



SeQent's FirstPAGE Alarm Manager (FPAM) product line manages the entire lifecycle of alarms and events in real-time with automatic alarm escalation, repeat counts, and message delays. With centralized and remote management, Alarm Manager provides an innovative, user-friendly, and infinitely scalable Industrial Alarm Notification Software Platform that is highly customizable and easy to install.

Alarm Manager monitors alarms and events from a variety of different sources from life safety alarms, building automation, production/quality systems (HMI, SCADA, MES, ERP) or direct from equipment via interfaces to PLCs (OPC) or databases (ODBC). When an alarm or event takes place, Alarm Manager will automatically escalate through a pre-defined hierarchy until it is acknowledged and provides advanced capabilities such as Escalation Schemes, add/swap/delete, wildcard-based alarm/event mapping and import/export. The API for interfacing with FirstPAGE Alarm Manager is published, allowing internally written IT applications to interface directly with FirstPAGE Alarm Manager Server to remit alarms and events for management.



FirstPAGE Alarm Manager Features

- Escalation Hierarchy: Built-in logic including attributes, delay before send, repeat and more
- Unlimited time and/or tip escalation levels
- Terminate Message: Sends terminate message to prevent unnecessary responses once problem has been resolved
- Hot Reloadable: Server configuration is fully hot reloadable, allowing real-time changes to the live system with no impact to messages in process
- Flexible Escalation: Time and Event based escalation
- Interfaces to leading industrial alarm and event sources
- Windows 32 & 64 bit support

FirstPAGE Alarm Manager

Starting with FirstPAGE Server, Alarm Manager extends the Industrial Automated Messaging product line with real-time with automatic alarm escalation, repeat counts, and message delays. Our Industrial Alarm Notification Software product line offers fast and easy installation and implementation and will improve alarm response time, operational efficiency and productivity.

FirstPAGE Alarm Manager Server

Provides an integrated system that manages alarms sourced from one or more external systems and automates the message composition and escalation process. FirstPAGE Alarm Manager Server also supports embedded real-time values and optional termination messages when previously active alarms return to a normal state.

FirstPAGE Alarm Manager Administrator and Web Administrator

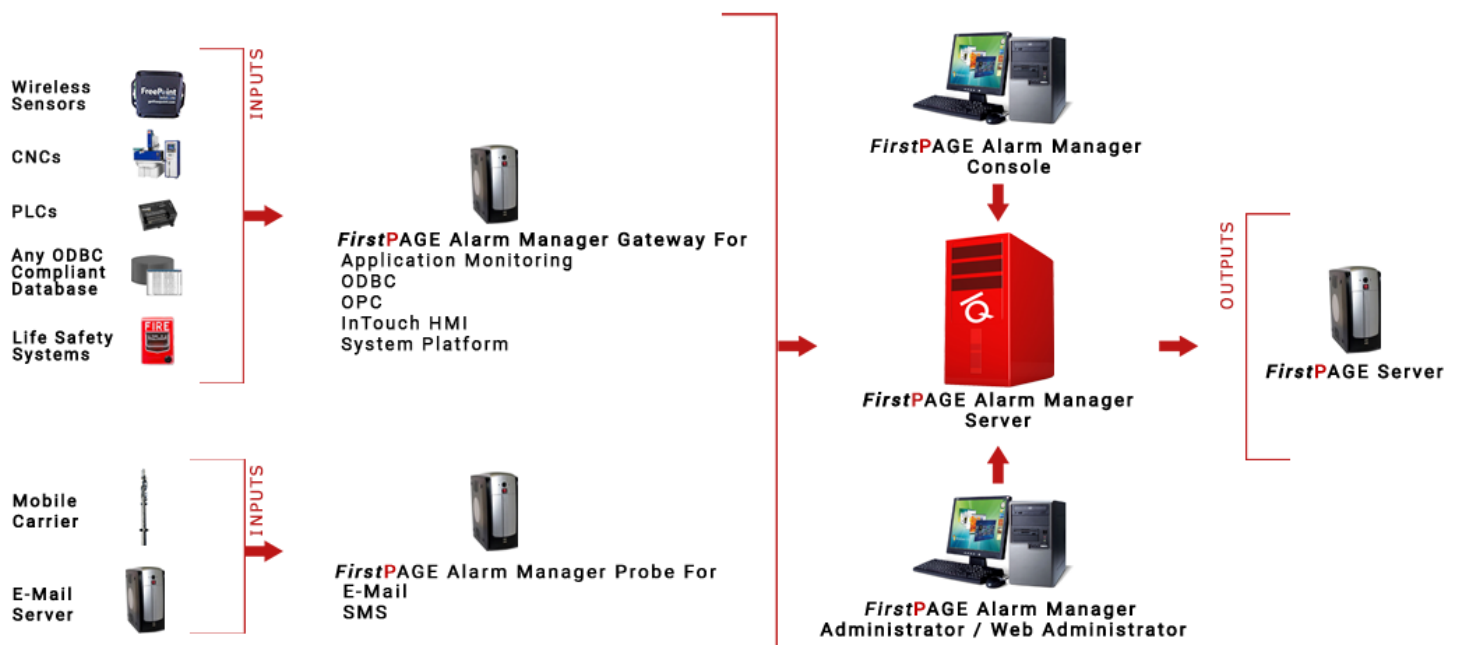
Allows for easy local or remote management of the FirstPAGE Alarm Manager Server and provides real-time monitoring of alarm state and log viewing. These tools enable the creation of rules mapping the alarms notification to a responsible hierarchy of FirstPAGE Destinations or Distribution Lists.

FirstPAGE Alarm Manager Gateways

Provides a bridge between external data or alarm sources and the FirstPAGE Alarm Manager Server. These components interface to standard manufacturing industry low level inputs and more advanced HMI/SCADA systems.

FirstPAGE Alarm Manager Probes

Specialized appliance based Gateways that monitor system functionality such as over-the-air monitoring of SMS network and e-mail retrieval over Wi-Fi operation.



WHAT CAN SEQENT DO FOR YOU?



INCREASE PRODUCTIVITY

Improve Human Capital Efficiency

Optimize Asset Utilization

Reduce Asset Downtime

INCREASE QUALITY

Automated Notification of Defects

Notification of Out of Tolerance
Conditions

Increase First Time Completion



INCREASE PROFITABILITY

Reduce Material Waste/ Scrap

Reduce Energy Consumption

Reduce Human Capital
Requirements