

FirstPAGE™



FirstPAGE—for when the plant floor needs you

ActivEssentials is a remarkable platform for collecting and analyzing plant floor data. The Activplant Universal Factory Data Model can capture every nuance in an ever changing production facility, including comparisons to targeted performance, any KPIs you care to use, individual machine states, and countless other variable conditions. All of this information is vital to understanding the daily ebbs and flows of production performance, but are you able to keep everyone who needs to know, in-the-know, regardless of where they are?

What you need is a messaging system that selectively reaches out to just the right personnel, whether it be end of shift production counts or urgent maintenance calls. Activplant, in partnership with SeQent, is pleased to offer *FirstPAGE*™ as a solution to this problem.

So what does FirstPAGE do?

FirstPAGE is a high-volume messaging tool that works in conjunction with ActivEssentials to present essential information to those who must respond to and be aware of production incidents. Production slow-downs and stoppages are a fact of life in a production facility, but getting machines back up and running is a primary need.

To help you achieve quicker response times, *FirstPAGE* allows you to push defined alerts to those that need immediate notifications. *FirstPAGE* works with a very broad assortment of devices to convey your important messages, so in all likelihood it will work with your existing infrastructure.

Furthermore, to assist supervisors and managers with an understanding of how production is progressing, you can push messages that display actual versus expected performance as well as OEE, Attainment, or any other metrics you choose to use. As updates come from your plant-floor, *FirstPAGE* continually monitors ActivEssentials and sends updates to a hierarchy of users.

Compatible with...

Just about everything. *FirstPAGE* works with almost any hand held communications device as well as fixed data receivers. *FirstPAGE* comes with the ability to send messaging through a variety of protocols, including mobile phones,



Where to next?

Running a manufacturing facility is complex. You face an ever changing situation with so many variables, and yet you know that you must stay ahead.

The people who manage and supervise your production facility need up-to-date information; they need to know what is going on. Whether it be the latest production counts, inventory shortfalls, or production incidents that lead to slow-downs or stoppages, knowing is the first step towards resolving an issue.

In *FirstPAGE*, you get a versatile, scalable, robust solution that keeps everyone who needs to know, in the know..



paggers, BlackBerrys®, and other PDAs. If it is possible to individually identify the device, you can send a message.

Role of FirstPAGE

FirstPAGE works with ActivEssentials to monitor your manufacturing environment and send real-time automated messages to hand held and other communications devices. This low latency solution ensures that the intended recipients receive system messages within seconds of their dispatch. Such a system also means you potentially need less people to operate and maintain your plant floor equipment. When needed, *FirstPAGE* can contact an escalating hierarchy of users. You decide who should be the first to receive the messages, but if the issue lacks resolution within a specified period, the message moves up the chain.

Furthermore, by using *FirstPAGE*, you can push messaging from multiple applications, so your ActivEssentials messaging can share the system. *FirstPAGE* includes gateways to support SMTP; enterprise systems such as ERP, HMI, and SCADA; OPC compliant data sources; and can run SQL expressions against ODBC databases. Regardless of the system, *FirstPAGE* ensures that you can get the message out.

Components and Administration

FirstPAGE is a suite of core and supplementary components that includes:

- ❖ **FirstPAGE Server:** This is a scalable, enterprise-wide software application that manages the connections to the hand held and other communications devices.
- ❖ **FirstPAGE Administrator:** This is the administration module where you define the database of users, their PIN numbers, service providers, and the related communication devices.
- ❖ **FirstPAGE Alarm Manager:** This is an administration tool where administrators can define the events that trigger the alarms used to push messages to the connected hand held and other communications devices. Within the alarm manager, you can define a hierarchy of recipients, so as an alarm ages, the system automatically escalates the messaging up through the hierarchy.
- ❖ **FirstPAGE Client:** This is a manual messaging interface that allows users, through a Windows or web client interface, to send messages to any of the connected hand held and other communications devices.
- ❖ **FirstPAGE Gateway for SMTP:** Provides you with a simple, easy to use, interface for converting e-mails into, messages destined for a personal communication device. Any destination hosted by FirstPAGE Server can, have a personal mailbox assigned to it.
- ❖ **Communications Devices:** The mobile phones, alphanumeric/numeric paggers, BlackBerrys® and other PDAs, and the in-house paging transmitters, paging terminals, and wireless data receivers. You can register all of these within the FirstPAGE system, with each being uniquely addressed.

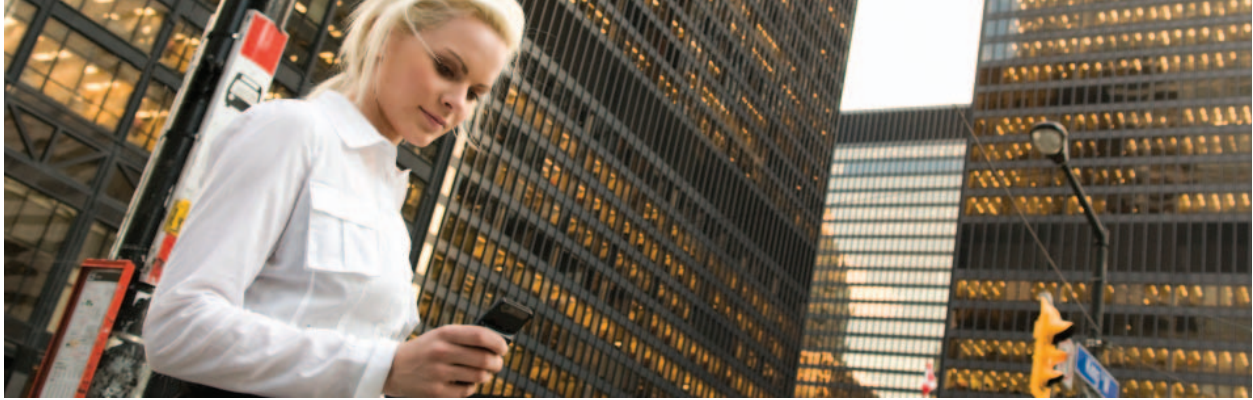


Focusing on what is important

Appropriate, timely information, sent as needed, to only those who need it.

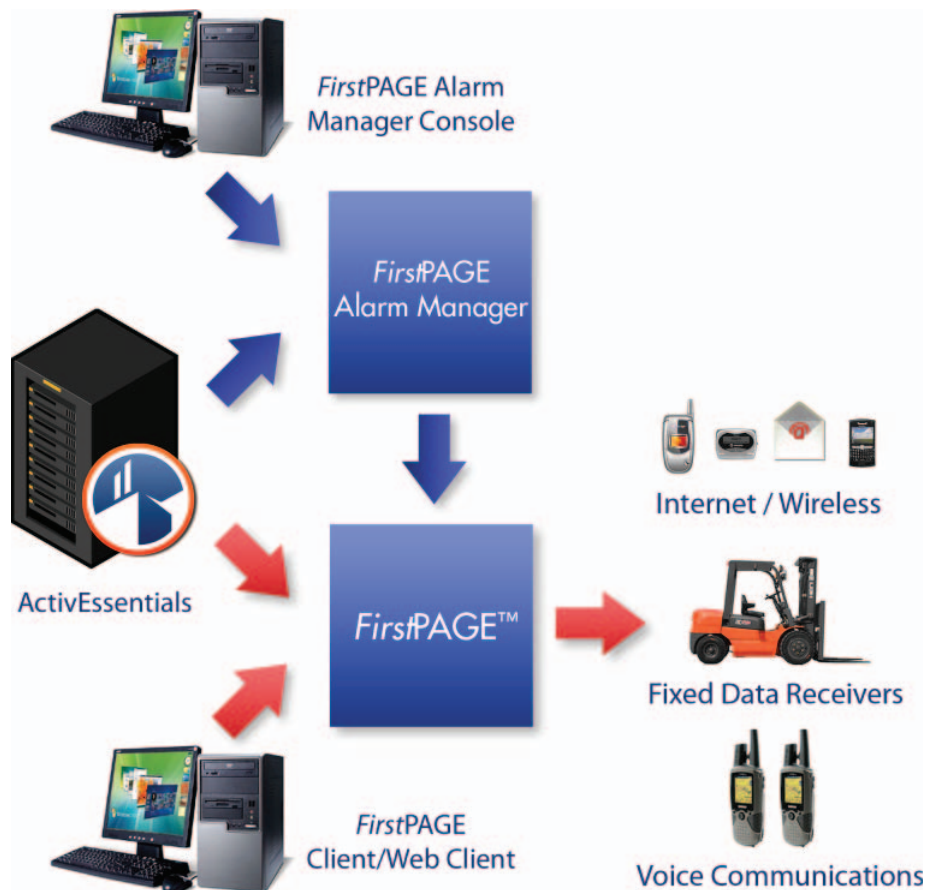
As much as you would prefer to see a trouble-free environment on your plant floor, the chances of that happening are remote. In a busy manufacturing facility, there is always the potential for something to go wrong. When this happens, you need your first responders to get the message quickly, regardless of where they are.

FirstPAGE is a complete messaging system with linkages to a very broad assortment of communications devices. You need only define the message triggers and the system does the rest.



Conclusion

With *FirstPAGE*, you get a world class messaging tool that works harmoniously with *ActivEssentials* to push important production KPIs and production related alarms to the team members who must react. Message recipients can receive the messaging through any of a broad range of communications devices, and for alarms, *FirstPAGE* continues to monitor *ActivEssentials*. If there is no resolution to an alarm creating condition, you get an automatic escalation of the alarm up through a designated team member hierarchy.



Seeking always to improve

Continuous improvement is the name of the game, but how?

Manufacturing is complex, with a seemingly, never-ending series of variables. Keeping your production facility running in an optimal fashion requires a well-informed team; a team that you can confidently expect to have and to act upon the right information.

FirstPAGE is the perfect companion to your continuous improvement programs, as you can provide pro-active messaging to all who need to know. Whether it be the latest production KPIs or alarms related to production slow-downs or stoppages, your important team members get the message.

ABOUT ACTIVPLANT

Activplant Corporation is a leader in Business Intelligence for Manufacturing Operations. Our software and expertise are setting the standard for operational excellence at some of the world's largest and most admired manufacturers. Our aim is to create world-class software that provides clarity to the management of medium- to large-scale, highly-automated, manufacturing facilities. Our software consolidates manufacturing data into relevant, real-time and historical information, which then enables manufacturers to successfully achieve productivity gains by optimizing product, people, equipment, and process. Activplant Corporation is a privately held company based in London, Ontario, Canada. For more information, please visit www.activplant.com.

ABOUT SEQENT

SeQent is the recognized world leader in plant floor messaging and visualization technology. With hundreds of installations worldwide, SeQent's solutions help many of the world's largest manufacturers produce their products efficiently and to high quality standards. SeQent has become the recognized expert in the field of plant floor messaging and visualization with partnerships and technology exchanges with industry giants such as Motorola and General Electric. OEM relationships with other industry leaders such as Adaptive Micro Systems, Electro-Matic, and Activplant have rapidly expanded the SeQent installation base worldwide. SeQent remains privately held and is headquartered in London, Ontario, Canada with offices in United States. SeQent is dedicated to creating and supporting the best messaging and visualization related products for the manufacturing industry. SeQent's sole focus on messaging and visualization solutions for the plant floor has enabled our industry-wide positioning as the leader in our field. For more information, please visit www.seqent.com.



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