



PRESS RELEASE

GE Fanuc Intelligent Platforms Announces Sequence of Events (SOE) Applied Solutions for PACSystems™

Packages Allow Users to Capture Event Data for Quicker Time To Solution

CHARLOTTESVILLE, VA, SEPTEMBER 25, 2008 GE Fanuc Intelligent Platforms, a unit of GE Enterprise Solutions, today announced the availability of its applied solutions Sequence of Events Recording for PACSystems™. These packages allow users to gain a sustainable advantage by minimizing plant downtime and delivering a powerful diagnostic tool that is built on the PACSystems control engine, is easy to deploy and leverages the enterprise connectivity of Proficy™ Historian.

Event data collection is crucial in safety and critical control applications. GE Fanuc's SOE solutions can capture both the first event and sequence of events that occur in the system, during a shutdown or a trip sequence, to help users document when events have occurred. Providing accurate detection, recording and storing of events, as well as leveraging highly accurate time stamps, these SOE solutions enable users to analyze when change of states occurred in the process and the precise order of occurrence, down to the millisecond.

"SOE solutions are suitable for any application where change-of-state data improves the ability to view, analyze and optimize process sequence and effectiveness," said Mark Reitzel, Commercialization Leader for GE Fanuc's Applied Solutions. "And, regardless of geographic location, users worldwide have the same time reference with our SOE solutions' precise, universal time recording."

Available as a downloadable package, GE Fanuc's SOE offerings are fully documented solutions for the company's award-winning PACSystems RX3i and RX7i controllers. These solutions consist of PACSystems application code, a Windows® application for Proficy Historian or Microsoft® SQL data collection, solution instructions, and example analysis screens for Proficy Real-Time Information Portal.

Three SOE solutions are currently available:

- PACSystems RX7i Embedded SOE – Sequence of Event Recording for the PACSystems RX7i utilizing a VME digital event capture board, a time synchronization board and on-board mirrored event buffering. Each change-of-state input can be configured to be time stamped with millisecond accuracy. The time-stamped information is moved in to the SOE module buffer and mirrored buffer and is cyclically transferred to the PACSystem's SOE buffer. In turn, this information is periodically transferred over ethernet to the historian collector, which immediately stores the SOE data in the Proficy Historian database.

- PACSystems RX3i Soft SOE – Software-based Sequence of Events Recording for the PACSystems RX3i controller. This configurable solution utilizes standard RX3i input modules with events buffered in the PACSystem's memory. The RX3i CPU scans the I/O modules every millisecond. All configured SOE points are stored in a SOE buffer, which is periodically transferred over ethernet to the historian collector. The historian collector then immediately stores the SOE data in the Proficy Historian database.
- PACSystems RX3i ENIU with SOE – Software-based Sequence of Event Recording for the PACSystems RX3i controller remote Ethernet I/O racks utilizing RX3i SOE software technology. The RX3i ENIU scans the I/O modules every millisecond. All configured SOE points are stored in the ENIU SOE buffer. Very fast point changes that would normally not be seen by the head controller can now be captured and stored in the ENIU. Each event is annunciated to the head controller in the I/O exchange and frequently transferred over ethernet to the historian collector, which accumulates the data from all of the ENIUs and stores it directly in the Proficy Historian database. This configurable solution supports standard modules and event buffering in the remote racks, including transient event annunciation. It is also supported in the PACSystems high availability control architectures including Proficy Process Systems.

The PACSystems Sequence of Events solutions are available as a free download at www.gefanuc.com/support/appliedsolutions.

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About GE Fanuc Intelligent Platforms

GE Fanuc Intelligent Platforms, a joint venture between General Electric (NYSE: GE) and FANUC LTD of Japan, is a high-performance technology company and a global provider of hardware, software, services, expertise and experience in automation and embedded computing, with products employed in virtually every industry, including manufacturing automation, defense, automotive, telecommunications, healthcare and aerospace. GE Fanuc Intelligent Platforms is a worldwide company headquartered in Charlottesville, VA and is part of GE Enterprise Solutions. For more information, visit www.gefanuc.com.

About GE Enterprise Solutions

GE Enterprise Solutions elevates customers' productivity and profitability with integrated solutions using sensors and non-destructive testing; security and life safety technologies; power system protection and control; and plant automation and embedded computing systems. Enterprise Solutions' high-tech, high-growth businesses include Sensing & Inspection Technologies, Security, Digital Energy, and GE Fanuc Intelligent Platforms. The business has 17,000 problem-solving employees in more than 60 countries around the world.

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