

PI Integration



AVEVA

CERTIFIED
Technology
Partner

Aveva PI Integration

General Overview

SeQent's PI gateway enables the collection of PI data values and the creation of business rules to monitor their limits. These business rules enable the monitoring of critical values within your PI project and enable the composition of alarm messages to convey the issue via FirstPAGE Alarm Manager. Depending on the Gateway, selected actions may include :

- FirstPAGE software 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), it allows for a vast combination of custom implementations.
- FirstPAGE Alarm Manager software makes it so if an alarm or event occurs, it will automatically escalate through a pre-defined hierarchy until acknowledged and will send key information to the right person at the right time on whatever communication device that is configured.
- Marquee Manager software monitors manufacturing environments and sends real-time, automated messages (Alarms, Events, KPIs, OEE) to visual and audible devices, including LED/LCD displays, smartphones, tablets, and sounder devices.

SeQent's PI Data gateways support all versions of PI 2018 or higher

AVEVA PI Integration Architecture Overview



PLC



PLC



PLC



PLC



CNC



PLC

Application Server 1



- AVEVA PI Server
- FirstPAGE Gateway for PI Data
- FirstPAGE Alarm Manager Gateway for PI Data
- Marquee Manager Gateway for PI Data

Application Server 2



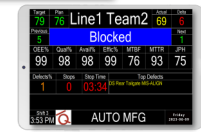
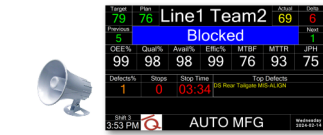
- AVEVA PI Server
- FirstPAGE Gateway for PI Data
- FirstPAGE Alarm Manager Gateway for PI Data
- Marquee Manager Gateway for PI Data

Application Server 3



- AVEVA PI Server
- FirstPAGE Gateway for PI Data
- FirstPAGE Alarm Manager Gateway for PI Data
- Marquee Manager Gateway for PI Data

Data Flow



Visualization/Messaging Server



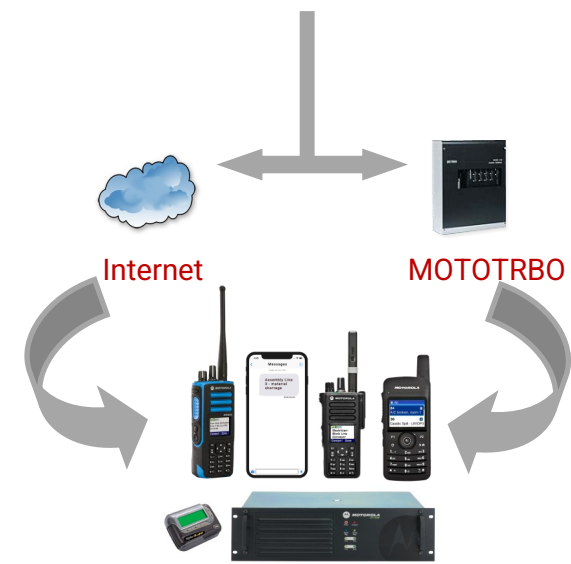
- FirstPAGE Server
- FirstPAGE Alarm Manager Server
- Marquee Manager Server
- Wi-Fi Messenger Server



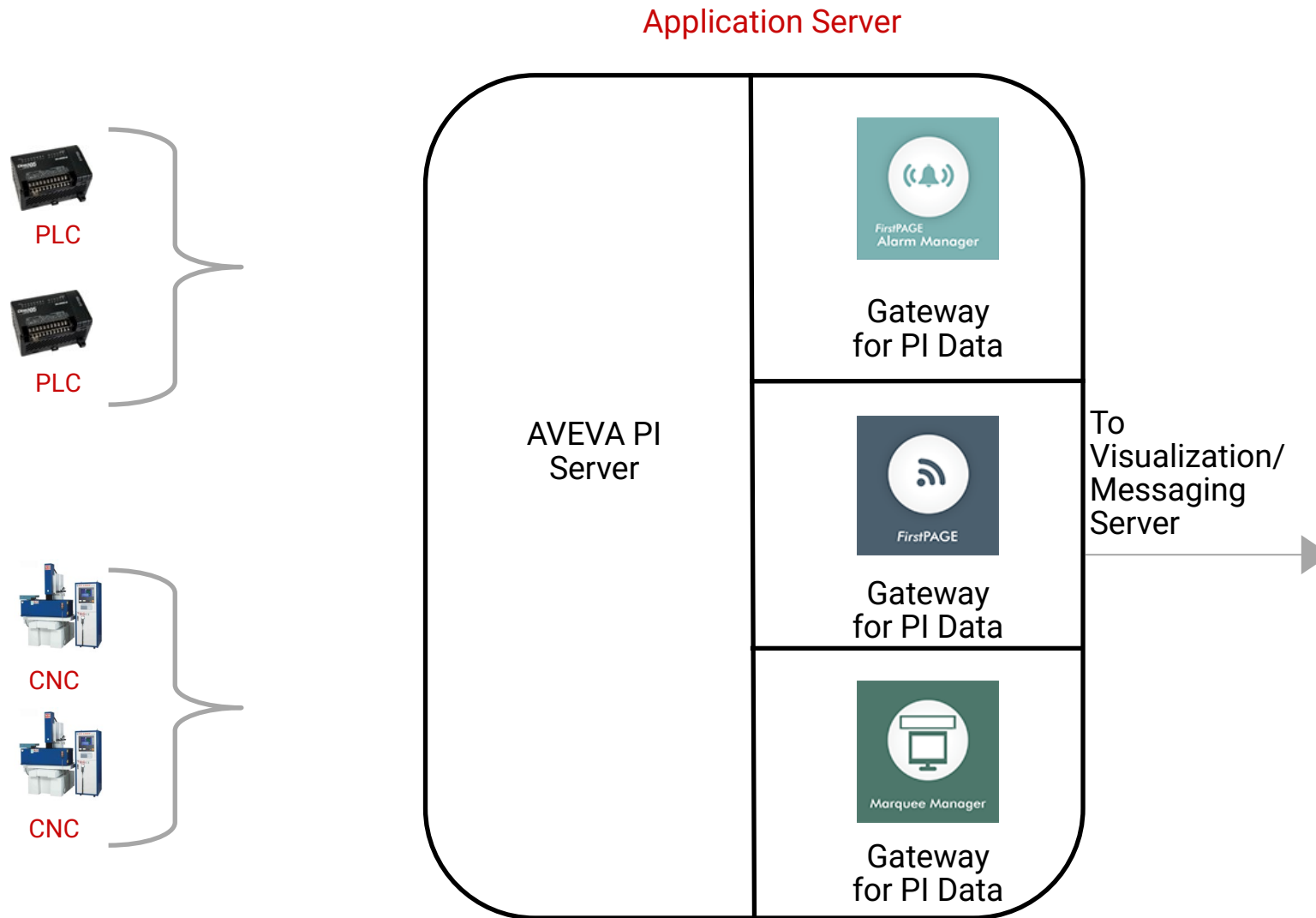
Internet



MOTOTRBO

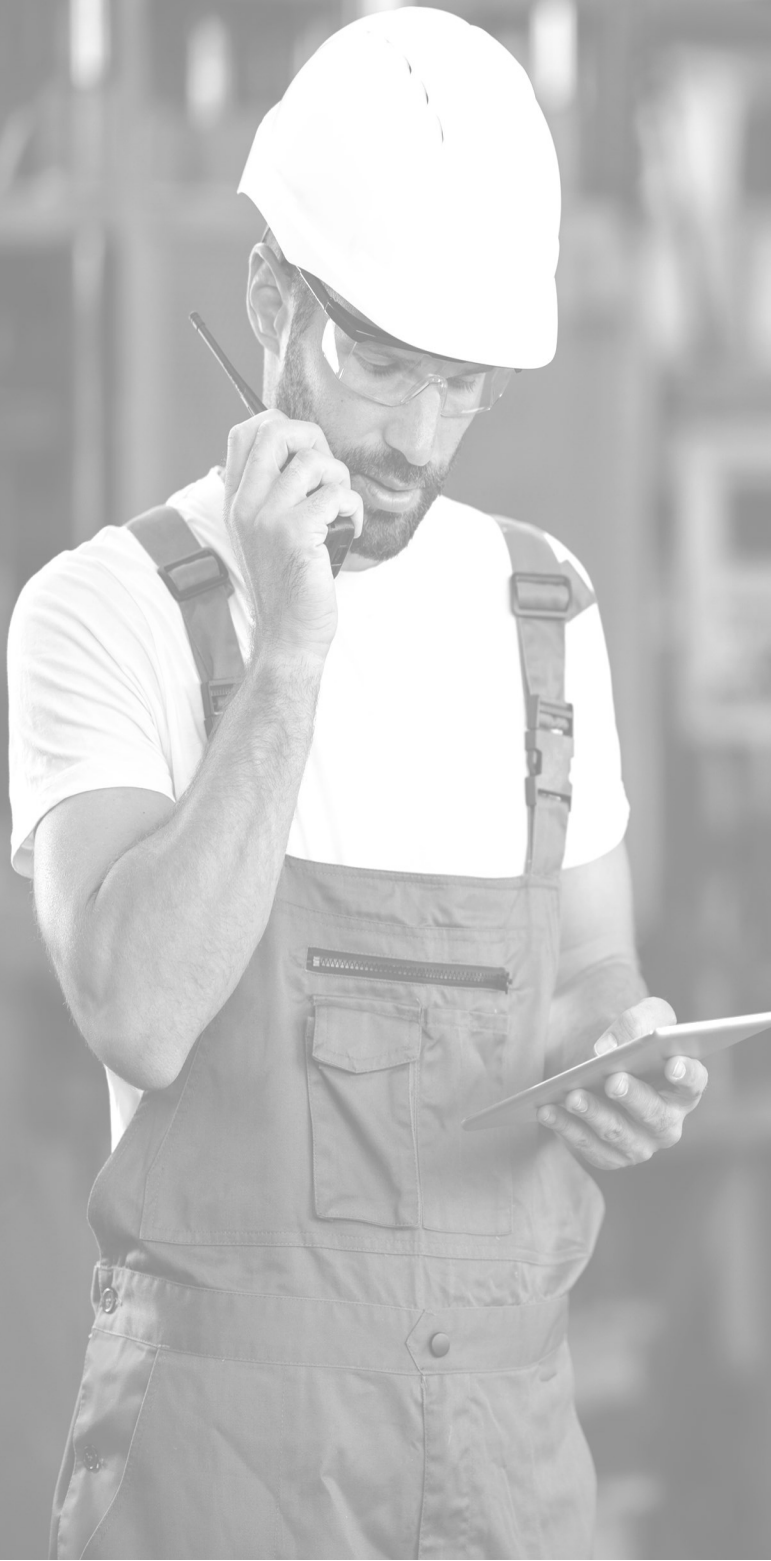


AVEVA PI Integration Application Server Overview



Data Flow





For additional information on solutions offered by SeQent, please contact our sales group:



**4500 Blakie Road, Suite 137
London, ON N6L 1G5
Canada**



+1.519.652.0401



Sales@SeQent.com



www.SeQent.com