

## CIMPLICITY Integration



# CIMPLICITY Integration

## Overview

SeQent's CIMPLICITY gateways monitor the alarm queues of a CIMPLICITY project for alarms which match defined conditions. In addition, by using the SeQent OPC Gateways, CIMPLICITY data such as points and virtual points may also be monitored. Depending on the gateway selected, the 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 monitors alarms and events. Should a monitored alarm or event occur, it will automatically escalate through a pre-defined hierarchy of responsible parties until acknowledged. It sends key information to the right person at the right time on whatever communication device that is configured for that individual.
- 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 CIMPLICITY gateways support all versions of CIMPLICITY V8.2 or higher.

# CIMPLICITY Integration Architecture Overview



PLC



PLC



PLC



PLC



CNC



PLC

## Application Server 1



- OPC Servers
- CIMPLICITY
- FirstPAGE Gateway for OPC
- FirstPAGE Alarm Manager Gateway for CIMPLICITY
- Marquee Manager Gateway for CIMPLICITY
- Marquee Manager Gateway for OPC

## Application Server 2



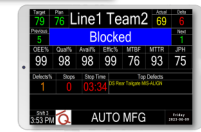
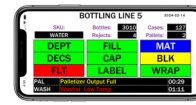
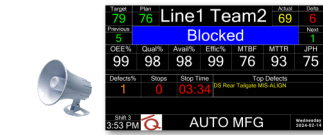
- OPC Servers
- CIMPLICITY
- FirstPAGE Gateway for OPC
- FirstPAGE Alarm Manager Gateway for CIMPLICITY
- Marquee Manager Gateway for CIMPLICITY
- Marquee Manager Gateway for OPC

## Application Server 3



- OPC Servers
- CIMPLICITY
- FirstPAGE Gateway for OPC
- FirstPAGE Alarm Manager Gateway for CIMPLICITY
- Marquee Manager Gateway for CIMPLICITY
- Marquee Manager Gateway for OPC

Data Flow



## Visualization/Messaging Server



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



Internet

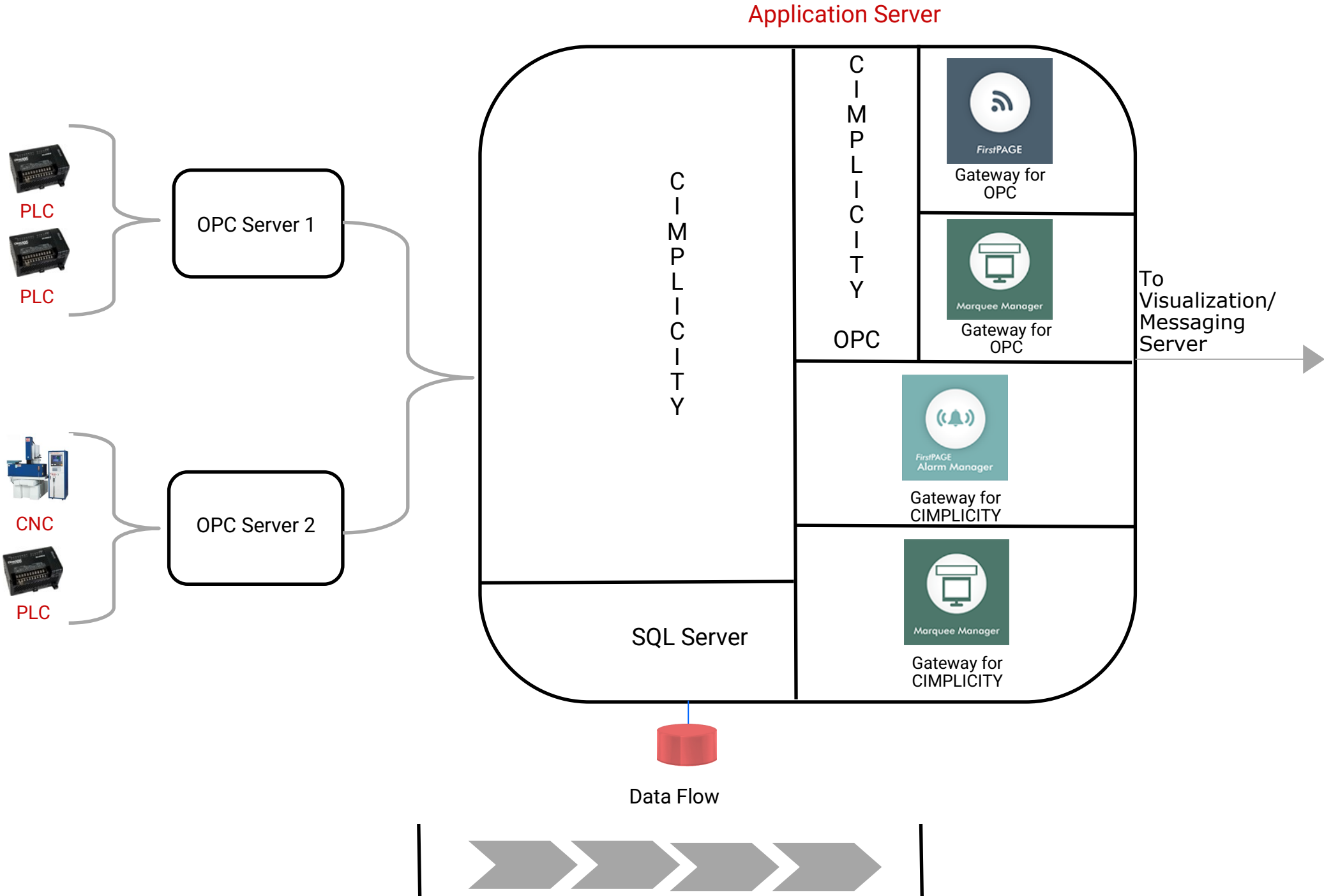


MOTOTRBO



# CIMPLICITY Integration

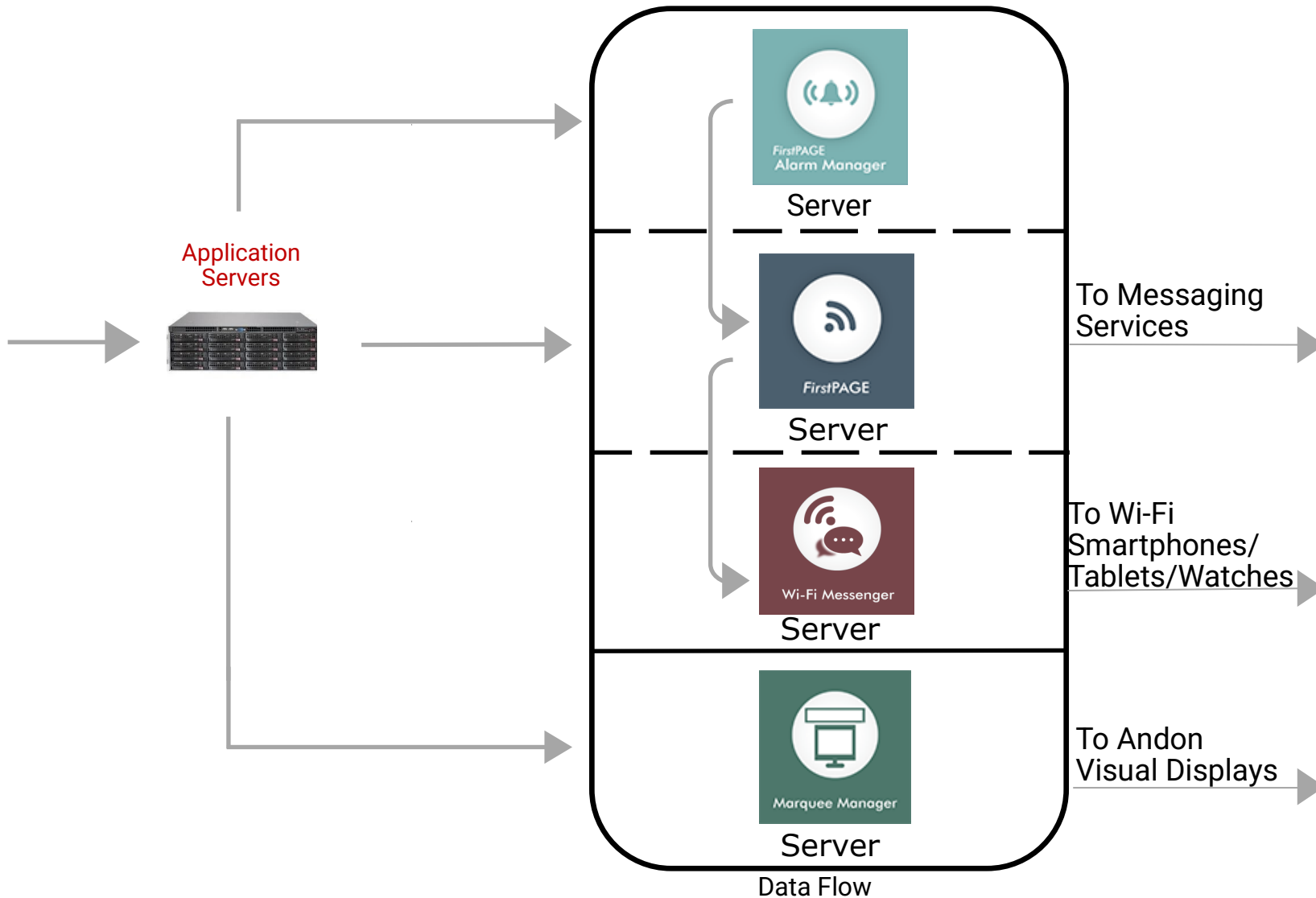
## Application Server Overview



# CIMPLICITY Integration

## Visualization/Messaging Server Overview

### Visualization/Messaging Server





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



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