

Open Database Connectivity Integration



ODBC Integration

Overview

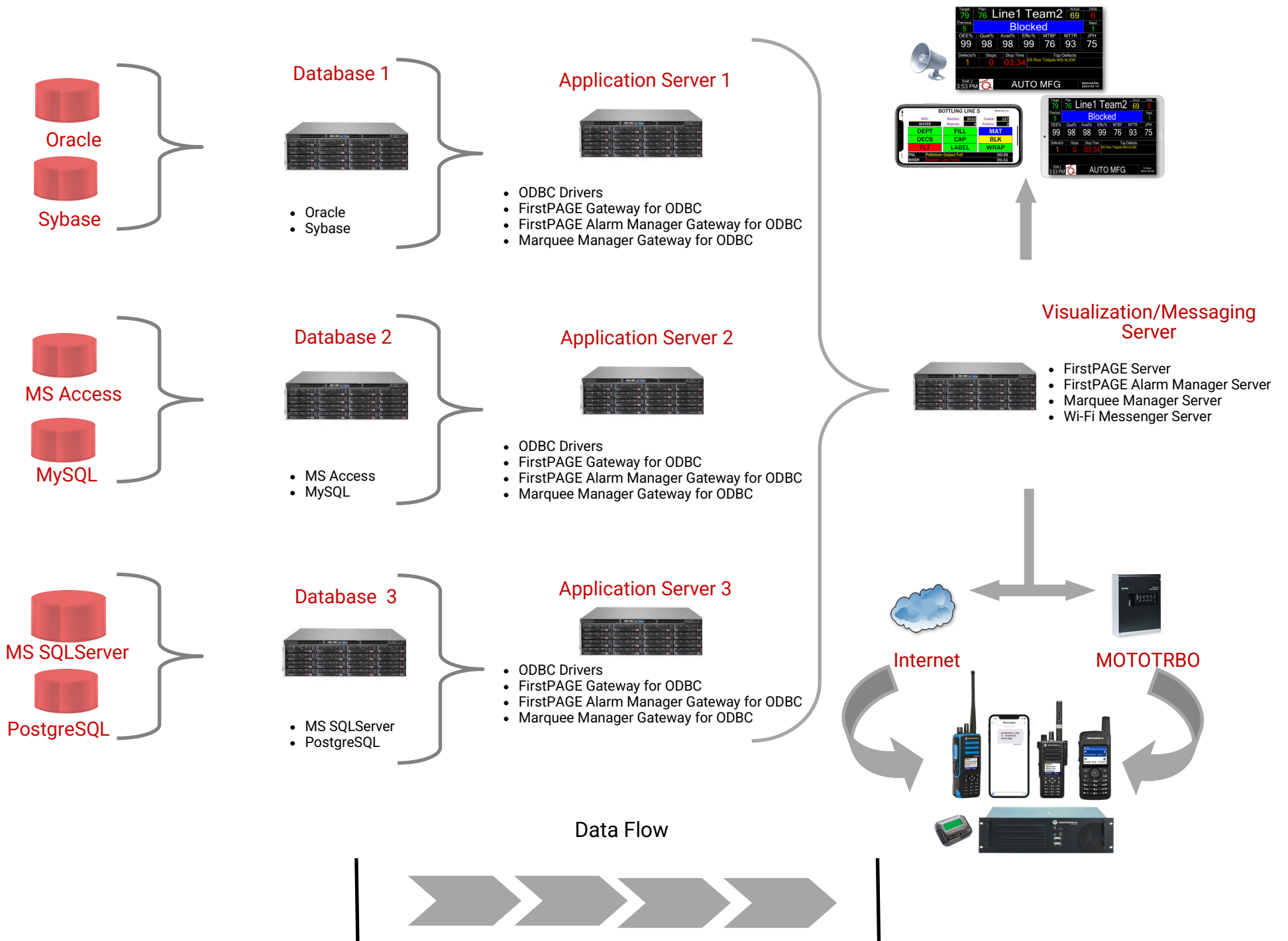
[ODBC](#) (Open Database Connectivity) provides a standard software API for utilizing databases. The implementation consists of a core ODBC driver, common to all databases, and a vendor or 3rd party provided ODBC database driver.

SeQent's ODBC gateways gather data from one or more ODBC compliant databases, evaluate the data, then define rules and criteria to initiate actions. 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 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.

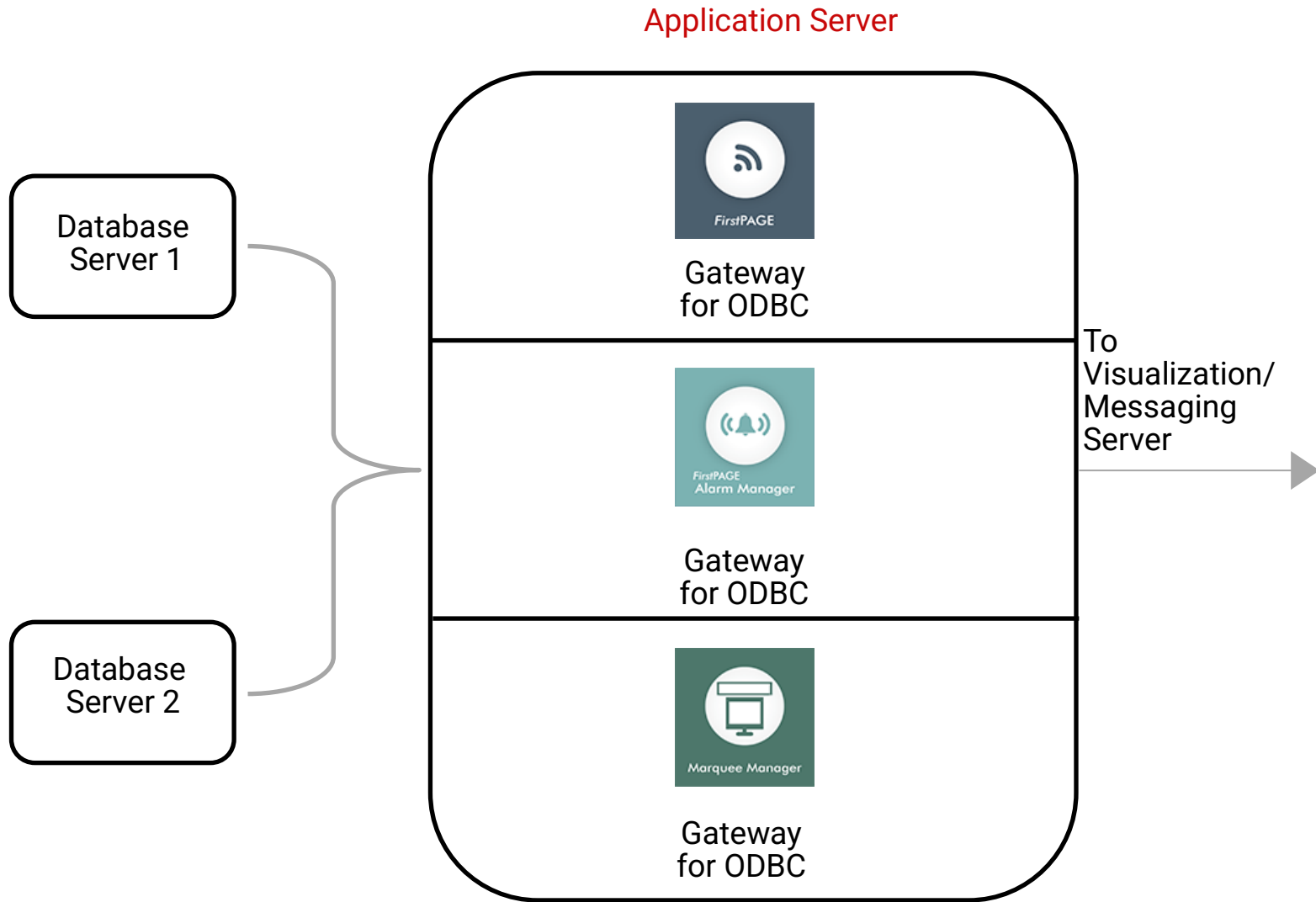
SeQent's ODBC gateways support any [ODBC](#) compliant database such as: [MSAccess](#), [SQLServer](#), [Oracle](#), [Progress](#) and [Sybase](#), enabling the gateways to monitor any ODBC compliant data store for data exceptions or alarm conditions.

ODBC Integration Architecture Overview



ODBC Integration

Application Server Overview

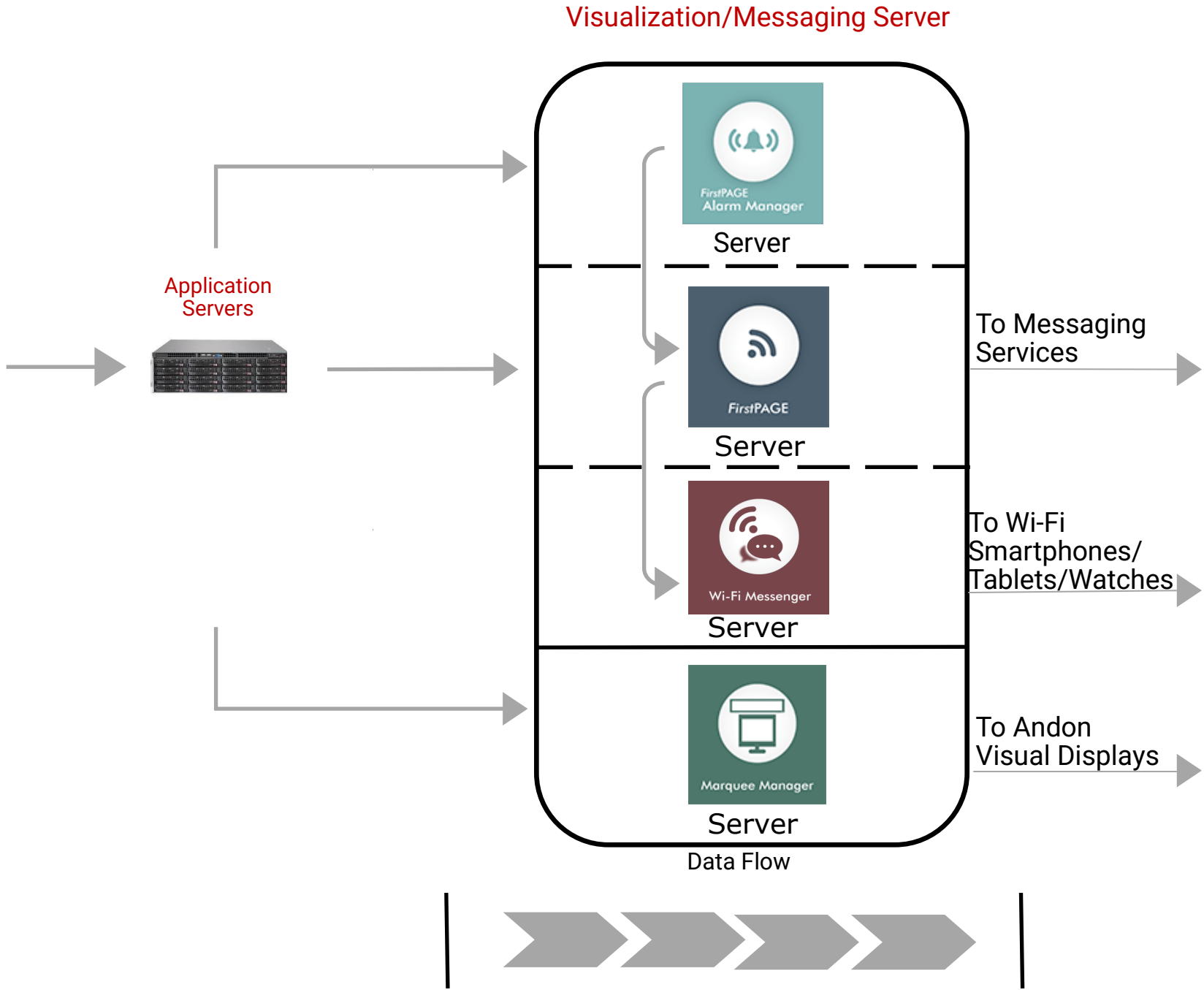


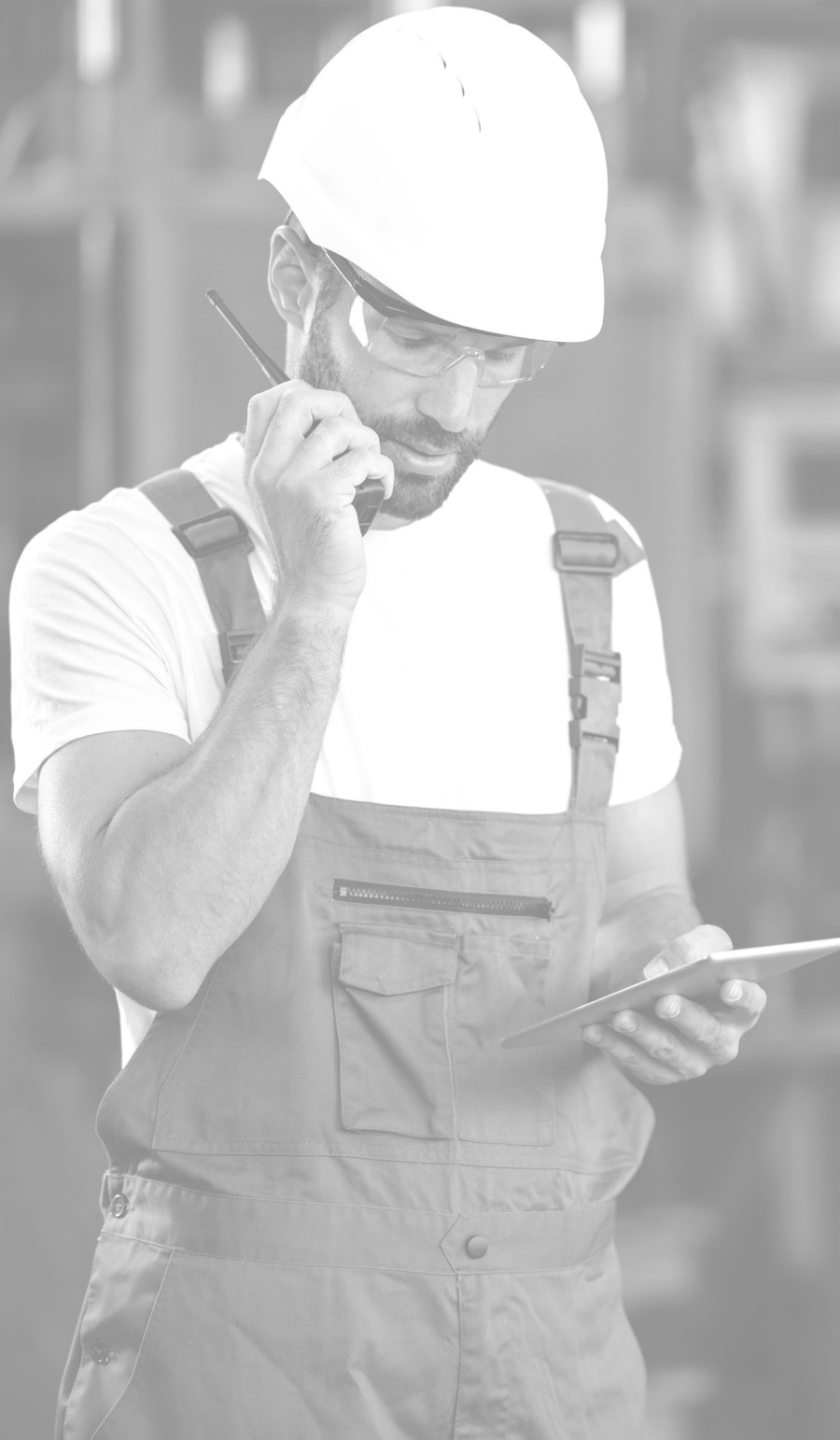
Data Flow



ODBC Integration

Visualization/Messaging Server Overview





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



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