



Andon Visualization Enabled by SeQent's Marquee Manager Gateway for RSVIEW32

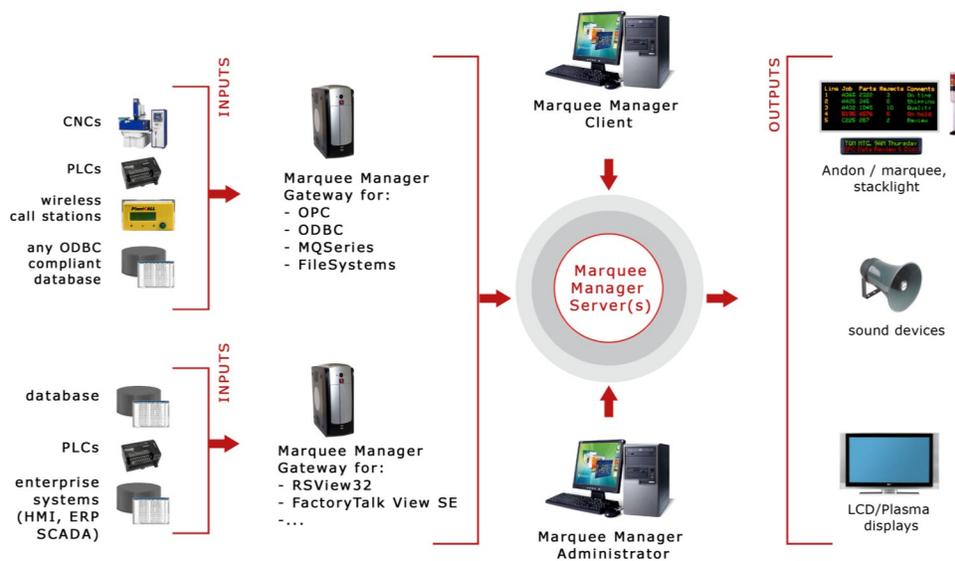
Marquee Manager Gateway for RSVIEW32 (MMGWRV32)

Marquee Manager Gateway for RSVIEW32 provides a seamless bridge between Rockwell's RSVIEW32 component based HMI and SeQent's Marquee Manager Server. Providing a browsable interface to the RSVIEW32 alarm hierarchy this gateway enables the Marquee Manager administrator to associate alarms within RSVIEW32 projects to a distribution list of Andon displays.

SeQent's Marquee Manager Server product delivers real-time, automated status messages to the specified hierarchy of displays including line matrix LED, full matrix LED, LCD and Plasma displays. The Marquee Manager application framework facilitates the use of the optimum display technology by allowing the creation of a heterogeneous collection of display types on the same network displaying the same alarms and events.

Visualization of RSVIEW32 Alarms & Events

The Marquee Manager Gateway for RSVIEW32 provides a real-time interface to the RSVIEW32 alarm queue. Using direct mapping of specific alarms or wildcard mapping of complete folders of alarms, entire projects can feed one or more Andon displays in a matter of hours. In addition to displaying text alarm messages, bingo boards, sounders and complete template display changes can also be triggered off of RSVIEW32 Alarms.



Marquee Manager Gateway for RSVIEW32 Features

- Hot Reloadable: Server configuration is fully hot reloadable, allowing real-time changes to the live system with no impact to messages in process
- Browsable project interface allowing full RSVIEW32 alarm hierarchy browsing for alarm definition.
- Windows 32 & 64 bit support
- Wildcard configuration allowing multiple alarms to be configured with a single ruleset

Key Features

- Provides a window into the process allowing highly skilled technicians to build a database with specific text for each alarms / fault.
- Full suite of flexible administration tools, accessible remotely
- Supports line matrix LED, full matrix LED, LCD, and Plasma displays.
- Supports numerous audio interfaces including customer provided andon tones.
- Send build counts (target/actual), Key Performance Indicators (OEE) and faults/events
- Supports counters, scrolling marquees, cells, sounders, web objects.
- Support multiple projects and platforms with a single server.

Applications

- Plant Floor Systems (Asset Management, Error Proofing, ERP, HMI/SCADA, Quality Systems, PLC's)
- Facilities Management (BMS, HVAC, Compressors, Chillers, Pumps)
- Material Handling (Fork Trucks)
- Extends condition monitoring systems
- Fire control systems (GE, Simplex Grinnell)

Use Cases

- Maintenance and production related fault messages
- Automate the emergency

Marquee Manager (MM)

The Marquee Manager product line provides a sophisticated Andon and Visualization management engine with numerous sources of inputs. MM requires only that the source system to report “alarm active” and “alarm inactive”, for any alarming event. This means that additional logic need not be added at the process control solution (i.e., PLC or HMI/SCADA system).

Marquee Manager Features

- Distribution lists of displays and sounders
- Sub-second display updates
- Integration sounder support
- Template switching on events or time
- Hot Reloadable: Server configuration is fully hot reloadable, allowing real-time changes to the live system with no impact to messages in process



Marquee Manager Family of Products (Partial list)

- **Marquee Manager Gateway for RSView32** provides an interface between RSView32 alarms and Marquee Manager Server.
- **Marquee Manager Gateway for FactoryTalk View SE** provides an interface between FactoryTalk RSView SE alarms and Marquee Manager Server (1st quarter 2012).
- **Marquee Manager Gateway for ODBC** gathers data values from any ODBC compliant database utilizing user provided SQL expressions. Subsequent to the data gathering, business rules may be applied to the data and a message format can be defined before it is forwarded to any Marquee Manager compatible device.
- **Marquee Manager Gateway for OPC** gathers data from one or more OPC compliant servers. Subsequent to the data gathering, business rules may be applied to the data and a message format can be defined before it is forwarded to any Marquee Manager compatible device.
- **Marquee Manager Gateway for MQSeries** collects Alarms & Events from IBM MQSeries hosted queues. Implementing business rules against the collected queue data - Marquee Manager Gateway for MQSeries monitors the data for exception conditions and forwards the message to any Marquee Manager compatible device.
- **Marquee Manager Gateway for File Systems** gathers data values from file systems and specific files. Subsequent to the data gathering, business rules may be applied to the data and a message format can be defined before it is forwarded to any Marquee Manager compatible device.
- **Marquee Manager Client** — Provides a manual interface for populating visual displays.