

Supervisory Control Systems for Large Facilities

Facility connectivity and control for grocery, supercenter, retail and distribution centers

Supervisory controls from Emerson provide building and system management, control, power and simplified operation for refrigeration, HVAC, lighting, and more in large facilities. Effective deployment of supervisory controls delivers operational efficiency, cost savings, and the best conditions for customers and staff.

Supervisory controls also collect, analyze, report and communicate performance history and metrics. These include temperatures, energy usage, HVAC discharge and space temperatures and more. That means facility and enterprise managers can quickly respond to issues that may impact the customer experience, food safety, and operating costs.

Optimized for Desktop or Mobile Devices

Designed for your always-connected requirements, Emerson Supervisory Controls are optimized for Emerson ProAct™ Enterprise Management Software and the ProAct™ Alerts Mobile app. And when utilized with optional ProAct™ Service Center support, you're backed by a global team to monitor, manage, and resolve local alerts. So, rest assured, you can connect, monitor and control your stores and enterprise from virtually anywhere.

Emerson Supervisory Controls Benefits

- **Powerful control** – Manage alerts, alarms, energy use, scheduling, maintenance information, advanced reporting and more.
- **Intuitive navigation** – Easy to use with no special training required for day-to-day operation. Familiar processes and icon-based navigation make operations a breeze.
- **Priority actions** – Priority alerts are visible for immediate attention.
- **Fast response** – Act quickly, with detailed information available instantly in simplified screens.
- **Mobile optimized** – Access and operate from almost anywhere. In addition to 10 and 7-inch wall and panel-mounted touch-screen displays or standard desktop screens, authorized users can access from IOS and Android phones and tablets, when enabled.
- **Data management and security** – Emerson supervisory controls help you manage information, user access and other security locally, on your network or through the Emerson cloud.



Newest Features

Emerson is the No. 1 choice in supervisory controls for many of the world's leading grocery retailers, delivering a broad range of control capability. Now, there's even more, including:

- **Simplified setup** – Manage control inventory set-up in one location, simplifying and accelerating the installation and start-up process.
- **Improved file management** – Backup, restore, update firmware, install or remove files, and access the list of applications, all from one convenient screen. SD and USB ports make local back-up and restore fast.
- **Graphic scheduling** – Click-and-drag on the time chart to set schedules. Easy to set-up, fast to duplicate, and simple to change schedules – with a quick glance and few clicks.
- **User-friendly user interface** – Enhanced graphics, simple icons and commonly-used functions make scheduling, report viewing and screen organization easier.
- **Multiple display options** – Add 10 and 7-inch touch-screen displays for mounting inside or outside the panel, in an office, or wherever needed. Touch screens and tablet-style functions eliminate clumsy keyboards.

Optimize Your Site with New System Supervisor

For even more in local site power, the new Emerson System Supervisor can be installed with building and refrigeration supervisory controls to provide more storage, additional processing power, and these advanced functions including:

- **Smart Alarms** – Makes alarms more user friendly and intuitive; identifies potential causes and suggests high-probability resolution actions.
- **Site Aggregation** – Brings together status and data from multiple controllers into one convenient view.
- **Performance Meter** – Determine site or device level performance at a glance. Drill down easily for detailed performance graphing, with up to 13 months of data onboard.

Add Engineered Panels for Efficiency, Savings and Safety

Engineered control panels and enclosures simplify the adoption of facility controls. Emerson panels are designed for optimized HVAC, refrigeration and lighting control. Factory built to include pre-wired and fully-tested supervisory controls, installation personnel simply mount the panel on the wall then make connections to clearly marked and labeled terminals. Emerson regulatory specialists can work to confirm that the panel will meet UL certification specifications, helping avoid potential construction delays and reduce insurance risks.



Full Line of Emerson Supervisory Controls

Emerson’s family of supervisory controls delivers the right control system and power for every operation and enterprise. Flexible software licensing options make it easy to upgrade power and performance when new functions are needed. For new facilities, major remodels or individual device replacement, it’s easy to find the right control and model to fit your needs.

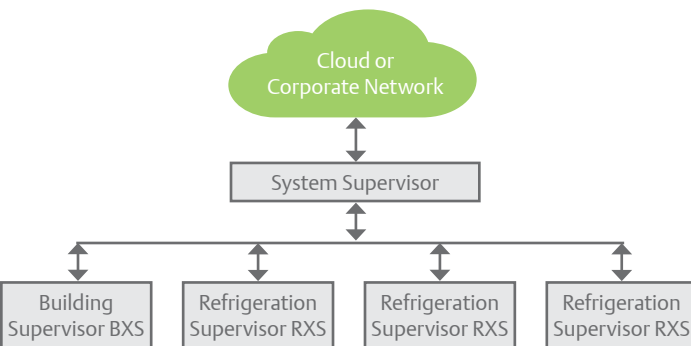
Emerson Supervisory Controls for Large Facilities

| Control | Application | New Model <i>Prior model reference</i> | License Upgrade <i>Prior model reference</i> |
|--------------------------|--|---|---|
| System Supervisor | Site aggregation, performance meters, optimized processing power and storage | SS <i>NEW!</i> | |
| Building Supervisor | HVAC, lighting and other building systems control | BXS300 <i>E2 BX300</i> | BXSe <i>E2 BX400</i> |
| Refrigeration Supervisor | Refrigeration rack, condenser and refrigerated case control | RXS300 <i>E2 RX300</i> | RXSe <i>E2 RX400</i> |
| Kitchen Supervisor | Optimized for the connected foodservice kitchen | SCKX <i>NEW!</i> | |

Typical Large Facility System Configuration

New Facilities

For new facilities, the latest models of Emerson supervisory controls can be configured into a single system to offer powerful control, expansion options, and advanced system supervisory functions.



Remodels and Retrofits

Whether you’re replacing a single unit, retrofitting multiple components or remodeling an entire site, new Emerson supervisory controls can be integrated easily with existing systems.

