

CASE STUDY

# Salem Hospital Regional Health Service

## Entellisys™ low-voltage switchgear



The Salem Hospital expansion will provide top-quality healthcare to the community for the next 50 years and beyond. It comprises a new patient tower, three new sky bridges that connect buildings, a new parking lot and the new Central Energy Plant (CEP), where the Entellisys equipment is located. The CEP provides the power needs for most of the campus.

### End user

Salem Hospital Regional Health Service  
665 Winter Street SE  
Salem, OR 97309-5014

### Consultant

Smith Seckman Reid, Inc.  
Tony Johnson/Russ Murdock  
2995 Sidco Drive  
Nashville, TN 37204

### Electrical contractor

Cherry City Electric  
1596 22nd Street SE  
Salem, OR 97302

### Project description

The hospital expansion will feature:

- Private, adaptable patient rooms
- Operating rooms become interventional suites
- Information technology plays a vital role
- Environmentally responsible healing environments
- Evidence-based design throughout

### Customer needs

The customer needed a solution that would focus on system safety and reliability, including:

- Provide a safe environment for maintenance personnel who need to work on the equipment by reducing the arc-flash hazard
- Allow monitoring and alerts of faults remotely so that downtime can be minimized
- Provide easy-to-understand diagnostic information so that a fault can be identified and cleared quickly
- Built-in selective coordination to minimize the impact of faults on the overall electrical power system



