



Siemens helps St. Elizabeth Health Center upgrade infrastructure, improve quality and reduce operating costs.

Humility of Mary Health Partners, St. Elizabeth Health Center is a nonprofit, acute care, Catholic community health center that serves northeast Ohio. The 550-bed facility located in Youngstown, Ohio, provides quality medical services to the greater Mahoning Valley. Humility of St. Mary Partners is a region of Catholic Healthcare Partners, the largest health system in Ohio and the seventh largest not-for-profit health system in the United States.

Client Objectives

Develop and implement a fast-track plan to upgrade aged infrastructure in order to mitigate risk, improve quality and reduce operating cost.

Siemens Solutions

SBT worked collaboratively with St. Elizabeth to develop a comprehensive plan for optimizing the performance of the facility. Siemens provided complete single-point accountability for design, implementation and performance of the following measures:

- The construction of a new chiller plant
- Window replacements and lighting retrofits
- Comprehensive building automation and HVAC technology upgrades, by installing APOGEE® building automation system for centralized control and monitoring of HVAC systems and equipment
- The redesign and replacement of laundry operations
- The re-engineering of waste-steam processes including the migration from incineration to more environmentally-friendly solutions
- Water conservation and medical air/vacuum upgrades
- A technical support program designed to enhance staff competencies and assure desired outcomes

St. Elizabeth Health Center

Wayne Tennant
Vice President,
Support Services

"Siemens presented a very solid business case in terms of payback, risk and healthcare facility expertise. We saw it as a win-win situation."

Client Results

The implementation of the program enabled the health center to improve its competitive position in the region by reducing operational risks, achieving tangible and immediate operational savings and service improvements, and positioning the health center for long-term performance improvement:

- The State of Ohio recognized Siemens and St. Elizabeth Health Center with the 2006 Governor's Award for Excellence in Energy Efficiency for their joint efforts to dramatically cut energy use at the facility and help the health center save approximately \$5 million in avoided utility and operational costs from 2002-2005.
- The health center was able to accommodate significant patient volume increases while actually reducing laundry, waste steam and utility expenses.
- Achieved reductions in internal labor and contract service expenses as a result of improved systems and technologies.
- Siemens devised and implemented the plan with minimal disruption to health center operations.
- Reduced temperature-related complaint calls and increased comfort levels and lighting quality significantly.
- Improved staff efficiency and responsiveness.

The comprehensive solution developed for Humility of Mary Health Partners, St. Elizabeth Health Center is an example of how Siemens partners with customers to create innovative ways to help customers be more competitive in the market place by improving facility performance and service delivery. For more information on how Siemens can help your healthcare facility with these issues, contact your local Siemens office.



Siemens Building Technologies
1000 Deerfield Parkway
Buffalo Grove, IL 60089
Tel: (847) 215-1000
Fax: (847) 215-1093

Copyright 2008
Siemens Building Technologies, Inc.
All rights reserved. (9/08)

[www.usa.siemens.com/
buildingtechnologies](http://www.usa.siemens.com/buildingtechnologies)