

SIEMENS

Ingenuity for life



LaSalle General Hospital

A rural, Louisiana hospital dedicated to the community, positions its infrastructure to provide another 50 years of high quality patient care.

usa.siemens.com/buildingtechnologies

For nearly 50 years, LaSalle General Hospital has provided award-winning healthcare to the citizens of Central Louisiana. Today, it has emerged as a model for other rural hospitals facing the twin challenges of aging infrastructure and shrinking capital budgets. Through a strategic partnership with Siemens, the hospital has upgraded its infrastructure without taking on large, upfront costs – ensuring it can continue to provide safe, high quality healthcare for decades to come.

Client Objectives

LaSalle General Hospital (LGH) is a parish-funded, comprehensive healthcare center with facilities totaling over 140 thousand square feet. It offers 46 inpatient beds in its main hospital building, and also operates a broad range of outpatient clinics and home healthcare services. LGH prides itself on the delivery of excellent primary healthcare – and the state of Louisiana has consistently commended the hospital for its services.

In recent years a backlog of deferred maintenance began to accumulate at LGH as local government funding fell short and the average age of its buildings neared 40 years old. LGH staff faced inefficient equipment, such as antiquated air handler and steam boiler systems, which contributed to rising utility bills and consumed manpower.

LGH was presented with a significant challenge: How could the hospital address years of deferred maintenance and modernize its aging infrastructure while maintaining fiscal responsibility? To continue to provide an environment conducive to excellent patient care, LGH needed to find a partner with the right expertise, equipment, and financing strategies.



From The Special Olympics and The American Cancer Society Relay for Life to monthly healthfairs and multiple school physical education sponsorships, LaSalle General Hospital has no limits to community involvement.

With new, efficient infrastructure, LaSalle General generates \$203,269 in annual savings.

Siemens Solutions

In order to resolve its backlog of deferred maintenance and modernize its aging infrastructure, LGH partnered with the Building Technologies division of Siemens. As the first step toward achieving LGH's goals, the hospital and Siemens worked hand-in-hand to identify the key components of its existing infrastructure most in need of upgrades. Inefficient equipment was given top priority.

After a thorough review, Siemens identified 12 key components of the existing infrastructure for upgrades. LGH's old steam boiler system was replaced with high-efficiency hot water boilers and pumps; two new tankless gas water heaters were also added. The air handler in the main hospital building was replaced with a modern, double-duct unit. A direct digital controls system was introduced enabling advanced energy management strategies. Lighting and water management upgrades were completed to generate additional savings for LGH.

The rapid transformation resulted in state-of-the-art, patient-friendly facilities with minimal impact to LGH's capital and operating budgets. Funding for the project was completed via a performance contract. The upgrades are paid back over the course of the 15-year contract by using the energy savings generated from the efficiency improvements. If the upgrades do not deliver on the predictions, Siemens covers the difference in cost. This provides LGH with the flexibility and financial freedom to ensure an optimal healing environment for its patients well into the future.

Customer Results

Thanks to the upgrades made by Siemens throughout the hospital's facilities, LGH is guaranteed over \$200,000 a year in savings over the next 15 years. These savings are the direct result of improved energy efficiency and water conservation. Another major contributor is operational improvements, including a significant reduction in both repair and capital costs.

The citizens of LGH's Central Louisiana community are benefiting from the project in more ways than one. In addition to ensuring a place for high quality patient care and providing prudent management of taxpayer healthcare funds, improvements at LGH also support the local economy. As part of its commitment to the communities it services, Siemens emphasized the hiring of local and area contractors to perform the infrastructure improvements at LGH.

With its maintenance needs funded and buildings modernized, LGH is empowered to continue to care for the healthcare needs of its community by providing safe, competent, professional and excellent healthcare services.



Siemens Industry, Inc.
Building Technologies Division
1000 Deerfield Parkway
Buffalo Grove, IL 60089
Tel. (847) 215-1000

All rights reserved
© Siemens Industry, Inc.
9/18