



**SIEMENS**

# Energy Efficiency for Your Laboratory Environments

Achieve high levels of energy efficiency while remaining safe, secure and compliant.

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

Laboratory energy costs are three-to-eight times greater than an average office building. Siemens can help your operations become more cost-effective.

Your laboratory must meet high standards for safety and compliance. Today, energy efficiency is another benchmark that will define your success. To meet this challenge, you will need to manage consumption, reduce costs and document sustainability achievements. Siemens can help.

We offer unrivaled expertise in achieving critical environment and sustainability goals. Our solution will increase the efficiency of your laboratory operations today and in the future. As the only building automation system provider with a full portfolio of laboratory controls, only Siemens can offer new energy-saving technologies tailored to meet your specific needs.

With Siemens as your partner, you'll benefit from a complete approach to energy efficiency without compromising safety or compliance. Our comprehensive portfolio of technology and services helps achieve your goals. Our process includes:

- Assessing your current operations
- Implementing energy-saving technologies
- Managing facility operations data
- Maintaining energy efficiencies

#### Identify Opportunity

We first evaluate your current level of regulatory compliance, safety and efficiency, establishing a clear operational baseline. We then identify opportunities for efficiency. For example, newer codes and standards may require fewer air changes in your lab space, reducing energy consumption.

**Answers for infrastructure.**



#### Take Control

You have access to a complete portfolio of the latest energy-saving technologies. We help you implement facility improvements that reduce energy consumption and reach your sustainability goals. Solutions include variable air volume controls, occupancy monitoring, low flow / high performance fume hoods, sash management and more.

#### Manage Effectively

You can monitor and manage the efficiency of your operations with our complete suite of information management tools. Our Energy, Monitoring and Control (EMC) tool offers seven lab-specific reports. From overall energy consumption to room and fume hood performance and comparison, you'll keep your laboratory on track to meet efficiency and sustainability goals.

#### Maintain Excellence

Your success is your legacy. You can continue to maximize efficiency, assure continuous compliance and protect your investment with specific Siemens services. Ranging from calibration and ongoing testing to continuous commissioning programs, our services help ensure high levels of performance.

From keeping you abreast of changing codes and standards to implementing new energy-saving technologies, we'll help your laboratory work efficiently. Whether you're at a university, hospital, government or industrial facility, make Siemens your partner of choice for energy efficient solutions. Contact us today.

#### Highlights

- Comprehensive, end-to-end solutions including assessment, technology, information management and service
- Market-leading expertise and energy efficiency solutions designed specifically for laboratory environments
- A complete portfolio of laboratory controls and experience working with all third-party controls manufacturers
- Tailored solutions to meet multiple needs of university, healthcare, government and industrial laboratories

Siemens Industry, Inc.  
Infrastructure & Cities Sector  
Building Technologies Division  
1000 Deerfield Parkway  
Buffalo Grove, IL 60089  
Tel: (847) 215-1000  
Fax: (847) 215-1093

This document contains a general description of available technical options. Any specific solution(s) will be based on a client's particular requirements and will be addressed in the contract for the project.

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