



SIEMENS

SIEMENS SMART INFRASTRUCTURE

Solutions for successful **Life Science and Critical Environments**

Providing the highest level of safety, efficiency, security, and compliance
usa.siemens.com/lifescience

Creating environments **that care**

The environments in which life science research, development, and storage are carried out have to meet some unique requirements – and they can make the difference between success and failure.

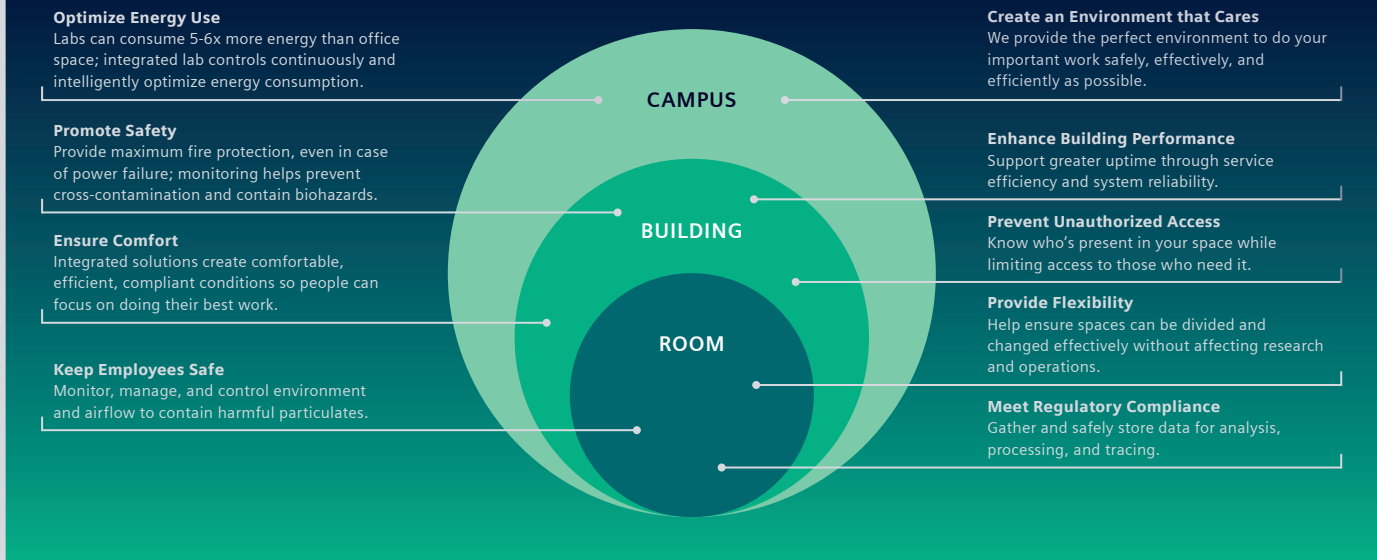
Siemens solutions for successful Life Science and Critical Environments help ensure that our customers' laboratories, clean rooms, critical storage facilities, buildings, and campuses are always safe, efficient, comfortable, and flexible. But more than that, we help ensure they're intelligent, agile spaces that can interact, learn, and adapt so they're supportive and attractive for the people who use them.



Siemens creates ideal environments to support the life science industry – environments to meet the highest standards to achieve sustainable success: safety to protect your people, investments, and research; efficiency to keep operational costs to a minimum; security to safeguard assets, knowledge, and people; and compliance to fulfill regulatory demands.

In other words, together, we can create environments that care with Smart Infrastructure from Siemens.

Creating the Highest Quality Environments for Research



Environments for a changing world

We make rooms and buildings safe and comfortable for the people who use them. At the same time, the world is becoming ever more digitized and connected; billions of intelligent devices are generating and exchanging massive amounts of data, which means we have a wealth of information available to make better decisions about how to create and operate ideal life science environments. Smart infrastructure from Siemens can help.

A comprehensive approach

Together, we can minimize operational costs while creating innovative, future-proof spaces that ensure the highest quality environments for research.

Intelligent Labs

New technologies and changing regulations create opportunities to intelligently improve safety, save energy, reduce operating costs, and

Green Lab Solutions (GLS)

Reduce energy consumption and take a comprehensive approach to personnel safety, compliance, and comfort with Siemens GLS, which includes customized service, technologies, and facility improvement measures.

Vivarium Research

These demanding, unique environments need a holistic approach to help protect your research, assets, and people.

Biocontainment

Combine advanced automation technology with biosafety expertise to create a customized, critical control and monitoring solution for BSL-3 and BSL-4 facilities.

Regulatory Compliance

End-to-end monitoring and control solutions help life science facilities achieve regulatory compliance, energy efficiency, and safety improvements.

Critical Storage

Your refrigerators, freezers, incubators, and other critical storage devices are critical to your research, manufacturing, and testing. Siemens offers monitoring, alarming, and reporting for peace of mind.

Supporting North America's Critical Environments

As the needs for testing, research, and space expand, we're harnessing our capabilities, expertise, and global network of partners to support North America's Life Science and Critical Environments in a variety of ways:

- Supporting the rapid design and development of life science infrastructure
- Identifying sources of potential contamination and offering effective technologies to mitigate those risks
- Developing a holistic approach for the Intelligent Labs of the future

About Siemens Smart Infrastructure for Life Science Environments

Siemens Smart Infrastructure brings innovations in smart building technologies to create environments that care for research labs and other life science environments. Our Intelligent Lab infrastructure solutions further improve researcher and lab work experiences; lab efficiency; and safety for all staff, assets, and research.

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