



**INTEGRATED SOLUTIONS FOR BIOCONTAINMENT FACILITIES
CONTAIN RISKS AND MAXIMIZE SAFETY AND SECURITY.**

For the highest standards

Fulfilling scientific missions safely and securely

Biocontainment facilities are in growing demand. The drivers include increased research in the field of emerging diseases and governmental biodefense programs. In order to fulfill their scientific mission of developing vaccines and therapeutic solutions, these facilities must meet the highest biosafety standards. Our specialized building management systems for the life science market help you to accomplish your goals in biocontainment – safely, securely and with scientific excellence.

A comprehensive approach to managing biocontainment facilities

Research with select agents and the manufacture of vaccines requires special conditions. That's because the materials in question can be potent pathogens or sensitive hormones – in short, highly volatile assets that must be handled with utmost care. Biocontainment facilities call for sterile, airtight spaces designed to contain whatever is being worked on. On the same token, steps have to be taken so that outside pollutants don't enter the area. And most importantly, people must be protected at all times. Biocontainment poses unique challenges for building management that aren't typically found in normal commercial installations. Having the right

partner on your side over the entire life cycle can make the difference between your business's failure and success.

Siemens is the only major controls manufacturer that offers a complete laboratory solution. Our integrated systems cover the whole spectrum of requirements for high-containment facilities. You can leverage our extensive experience as a supplier of some of the world's largest biocontainment facilities. Our offering extends from building automation, life safety and access control all the way to ongoing maintenance services – and even includes strict quality control throughout a facility's complete life cycle.

A tailored approach

To address the site-specific biological hazards at your facility, we precisely tailor systems and services to your exact requirements. In the design process, we carefully evaluate and test all applications in a mock-up lab. And once in operation, you benefit from ongoing support and integrated compliance solutions to ensure your facility continues to fulfill its role. That way you can carry on your work with the confidence that your employees are protected and that you comply with all regulatory and accreditation requirements.



Your benefits

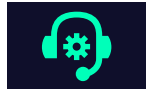
Maximum safety and security

Safeguard people and assets in high-velocity air zones with earliest fire detection, integrated explosion protection, and guided operation and evacuation in hazardous situations.



Ongoing support

Benefit from our in-depth solution expertise and an extensive global network of experts to maintain day-to-day operations around the clock according to established standards.



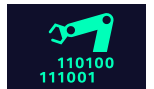
Comprehensive security

Prevent cross-contamination and provide access to authorized personnel through centralized recording of user activities, clear overviews of all people present and continuous video surveillance.



Broad experience with BSL facilities

Choose a market leader in building technology to draw on decades of experience in equipping BSL facilities and combining advanced automation technology with local expertise.



Careful control and monitoring

Reduce complexity and facilitate decision-making based on clear criteria – with customized control and monitoring solutions for maximum transparency across all systems.



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Smart Infrastructure
Global Headquarters
Theilerstrasse 1a
6300 Zug
Switzerland
Tel. +41 58 724 24 24

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