



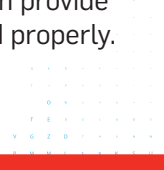
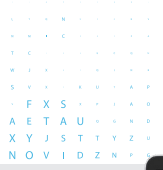
SOLUTIONS FOR LIFE SCIENCE FACILITIES



CONTINUE MAKING ADVANCES

The life sciences industry continues to expand rapidly, creating increased demand for innovation in built environments across pharmaceuticals, biotech, critical manufacturing and more. To keep up with evolving needs, facilities managers require solutions that can ensure their buildings are optimized for the complexity, precision and compliance required by this advancing field.

Our **WebCTRL for Life Sciences** building automation system (BAS) is designed to deliver advanced capabilities, including digital signatures, end-to-end visibility of system changes, compliance reporting, and more. With our evidence-based platform, we can help you improve confidence in critical outcomes and chain of custody, help achieve compliance with CFR 21 Part 11 and cGMP, issue checks and balances electronically and even provide reports that validate environments are controlled properly.



MEETING LIFE SCIENCE FACILITY NEEDS

WebCTRL for Life Sciences helps you achieve compliance with the United States Government Food and Drug Administration's **21 CFR Part 11** and **Current Good Manufacturing Practice regulations (cGMP)**.

Validate Critical Environments

Pharmaceuticals, research facilities, and critical manufacturing spaces require strict environmental control for success. Our BAS closely monitors and controls these environments, helping you maintain regulatory compliance.

Store Electronic Records

Our BAS provides the electronic records needed to validate that spaces are controlled accurately and securely. View and archive trend data, auto-generate compliance reports, and provide time-stamped audit logs for end-to-end visibility of changes.

Provide Electronic Signatures

Our BAS secures your critical environmental point data by limiting modification to only authorized users. And, all changes require a comment, a personal digital signature, and password. These changes are written to the audit log for complete traceability.

Enable Integrated and Interoperable Systems

Environmental control systems can include third party devices such as lighting, variable speed drives, laboratory control systems, and more. Our open BAS platform provides seamless integration and centralized visibility to the entire system.

COMPREHENSIVE LIFE SCIENCE FACILITY SOLUTIONS

Our [life science solutions](#) help you improve visibility, control, and compliance in your facilities.

- Building Automation & HVAC Control
- Environmental Monitoring & Control
- Environmental Compliance Reporting
- Real-Time Monitoring
- Data Visualization
- Critical Storage Monitoring
- Ventilation / Fume Hood Control
- Systems Integration
- Analytics & Fault Detection
- LDAP User Authentication
- Facility / Process Compliance for FDA CFR 21 Part 11 and/or cGMP
 - Validated Environments
 - Electronic Records & Signatures
 - Data Archiving, Trending, & Audit Logs
 - Pre-configured Mean Kinetic Temperature (MKT) Reporting
 - Trend Value & Trend Value Out of Range Reports



When you need unmatched precision and reliability, you need the industry-leading WebCTRL® building automation system. Discover how easy it is to precisely and securely control your critical environment so you can improve visibility, ensure compliance, and manage risks.

SUCCESS STORIES



PHARMACEUTICAL LOGISTICS COMPANY

In Atlanta, WebCTRL for Life Sciences was used to provide a pharmaceutical logistics company with constant monitoring and compliance reporting to validate their storage areas are prepped and ready to house temperature controlled vaccines, pharmaceuticals and other temperature-sensitive freight. Electronic records, signatures, and audit logs document the complete chain of custody for the temperatures in the storage areas, including all setpoint changes, who made the changes, who approved the changes, and what time the changes were made.

LIFE SCIENCES INCUBATOR SPACE

In Philadelphia, WebCTRL for Life Sciences was used to provide a [full laboratory control system](#) as part of a project converting existing office space to leasable laboratory space. The ALC dealer selected and implemented every component of the lab control system, plus provided the design and custom programming required to respond instantaneously to changes in hood sash position in order to maintain proper fume hood face velocity and airflow offsets for occupant safety. The system was fully tested to meet compliance standards.



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