WebCTRL® v11 Software

DEPLOYABLE ON-PREMISES OR IN THE CLOUD



WebCTRL 11: The Next-Generation of Building Automation

WebCTRL v11 builds on Automated Logic's trusted building automation platform with enhancements that help operators manage alarms, troubleshoot issues and administer their systems more efficiently. Through a secure, browser-based interface, building owners and facility teams can monitor performance, manage comfort and resolve operational issues from virtually any web-enabled device.

Key Features and Benefits

The WebCTRL system provides local to global energy management and control, and easily interfaces with all major electrical and mechanical subsystems in the building. With these capabilities and more, facility managers can access, configure, and manage building control systems in ways that best serve their operating needs and budget.

Intuitive & Comprehensive User Interface: A single, uniform interface delivers powerful, intuitive building management. Dynamic floor plans provide a quick visual overview of comfort conditions throughout facilities.

Native IP & Open BACnet: Built on open standards, WebCTRL uses native IP and BACnet to integrate with BACnet-compliant products, supporting interoperability and helping avoid vendor lock-in.

Flexible & Scalable: Designed for long-term flexibility, WebCTRL scales to multi-site or multi-server installations and integrates with major electrical and mechanical subsystems in a building.

Operational & Energy Efficiency: Standard alarming, trending, and scheduling tools help you monitor and manage your building day to day. Time-lapse Graphics and Fault Detection and Diagnostics (FDD) proactively identify and help resolve issues.

Predictive Insights: Connects WebCTRL to a secure, cloud-based AI platform that analyzes building data to deliver insights and recommendations, helping you move from reactive to proactive maintenance, help prevent failures, and improve performance.

Code & Guideline Support: Designed to help support building codes and guidelines. WebCTRL supports pre-certified Title 24 JA18 control logic, providing an auditable path to help support compliance and streamline verification.

Investment Protection: Designed to support generations of Automated Logic controllers, WebCTRL lets you enjoy the latest software features without costly hardware replacement.

You Own the Tools: With access to the full WebCTRL engineering tool chain, customers can self-perform system changes or partner with their Automated Logic dealer for services and support.

Simple, Scalable Licensing Model: WebCTRL supports unlimited concurrent users with no per-user fees or seat restrictions.

WebCTRL®

The WebCTRL building automation system gives you the ability to understand your building operations and analyze the results. Integrate environmental, energy, security and safety systems into one powerful management tool that helps you reduce energy consumption, increase occupant comfort, and achieve sustainable building operations.



WebCTRL 11: New and Enhanced Features

Alarm Workflow Controls: New bulk actions let operators acknowledge or clear multiple alarms at once, while new temporary alarm-action suppression lets teams silence expected notifications while actively resolving an issue — giving operators faster, more focused control over the alarm list.

TrailGuide™ Navigation Enhancements: Path history lets users easily retrace their troubleshooting steps, while custom source trees can expose additional equipment relationships that may help trace an issue back to its source.

Security & Access Management: Makes it more efficient to give each operator an appropriate level of access and maintain that access consistently as staff changes by duplicating an existing operator's configuration or privilege set instead of building each one from scratch.

Security Audit-Log Filtering: Helps authorized administrators narrow an audit-log review to the type of activity being investigated. Filtering the existing security audit log by activity type reduces the amount of unrelated log information that must be reviewed.

Enterprise IT Monitoring: With the WebCTRL Advanced Security package, Syslog integration forwards WebCTRL startup, shutdown, and application failure events directly to your existing IT monitoring tools.

Tool Enhancements: Reduces repetitive engineering work during system development. ViewBuilder now automates pipe and duct assembly and supports shared symbols across views, SiteBuilder adds find/replace, and EIKON® math microblocks now support a configurable number of inputs — helping partners complete common engineering tasks with less manual rework.







Software Editions and Part Numbers

WebCTRL Edition	Part #	Points Supported	Description
WebCTRL Standard	WC-S	200	For small facilities. Limited to 200 total points (includes all controller I/O + integration points).
WebCTRL Advantage	WC-A	500	For small to medium facilities. Limited to 500 total points (includes all controller I/O + integration points).
WebCTRL Cloud	WC-C	Unlimited	For small to medium facilities. ALC cloud-hosts BAS server for you. Base subscription includes support for up to 150 controllers and 20 end customer users.
WebCTRL Premium	WC-P	Unlimited	For large facilities to multi-building campuses. Unlimited points.
WebCTRL for Life Sciences	WC-LS	Unlimited	For Life Science facilities. All the features of WebCTRL Premium plus 21 CFR part 11 features including electronic signatures, electronic records, security, and reporting.

For further details on WebCTRL Editions and available advanced packages and add-ons, please refer to the WebCTRL version comparison.

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Specifications

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Computer Specs:	Quad core processor, 4 GB RAM, 100 Mbps or higher LAN communications	
Mobile Devices:	Smart Phones: Android™, iOS Tablets: Android, iOS, Surface™	
Browsers:	**Computer operating system**	**Supports these web browsers**
	Windows®	Google™ Chrome™ v84 or later Microsoft® Edge v84 or later Mozilla® Firefox® v79 or later
	Mac® OS X® (Apple Mac only)	Safari® v11 or later Google Chrome v84 or later Mozilla Firefox v79 or later
	Linux®	Google Chrome v84 or later Mozilla Firefox v79 or later

Server Requirements (Server Sold Separately)		
Minimum Server Specs:	Quad core processor, 4 GB RAM, 100 Mbps or higher LAN communications	
Operating System:	The following operating systems in 64-bit versions	
	Windows Server 2025 Windows Server 2022 Windows Server 2019 Windows Server 2016	Windows 11 Professional and Enterprise Red Hat Enterprise Linux® 7.4 Ubuntu 22.04 LTS, 24.04 LTS
Database:	Apache Derby (default database engine-included with purchase) The WebCTRL® v11.0 system supports the following databases (sold separately)	
	Oracle 19c MySQL through 8.0 LTS	SQL Server Express 2019, 2017, 2016 SQL Server 2022, 2019, 2017, 2016 PostgreSQL 12 through 17.2
Security:	BACnet Secure Connect (BACnet/SC) secure, encrypted data link layer Supports TLS (Transport Layer Security) v1.3 with 256 bit encryption between client and WebCTRL server	
Supports:	Unlimited simultaneous users Hierarchical server configuration for very large systems Communication to field controllers via BACnet (TCP/IP)	
Languages:	International English, Brazilian Portuguese, French, French Canadian, German, Italian, Japanese, Korean, Russian, Simplified Chinese, Spanish, Swedish, Thai, Traditional Chinese, Vietnamese, Dutch, Norwegian, Finnish	
BACnet:	BACnet Protocol Revision 24 Compliant BACnet Advanced Operator Workstation (B-AWS)	

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