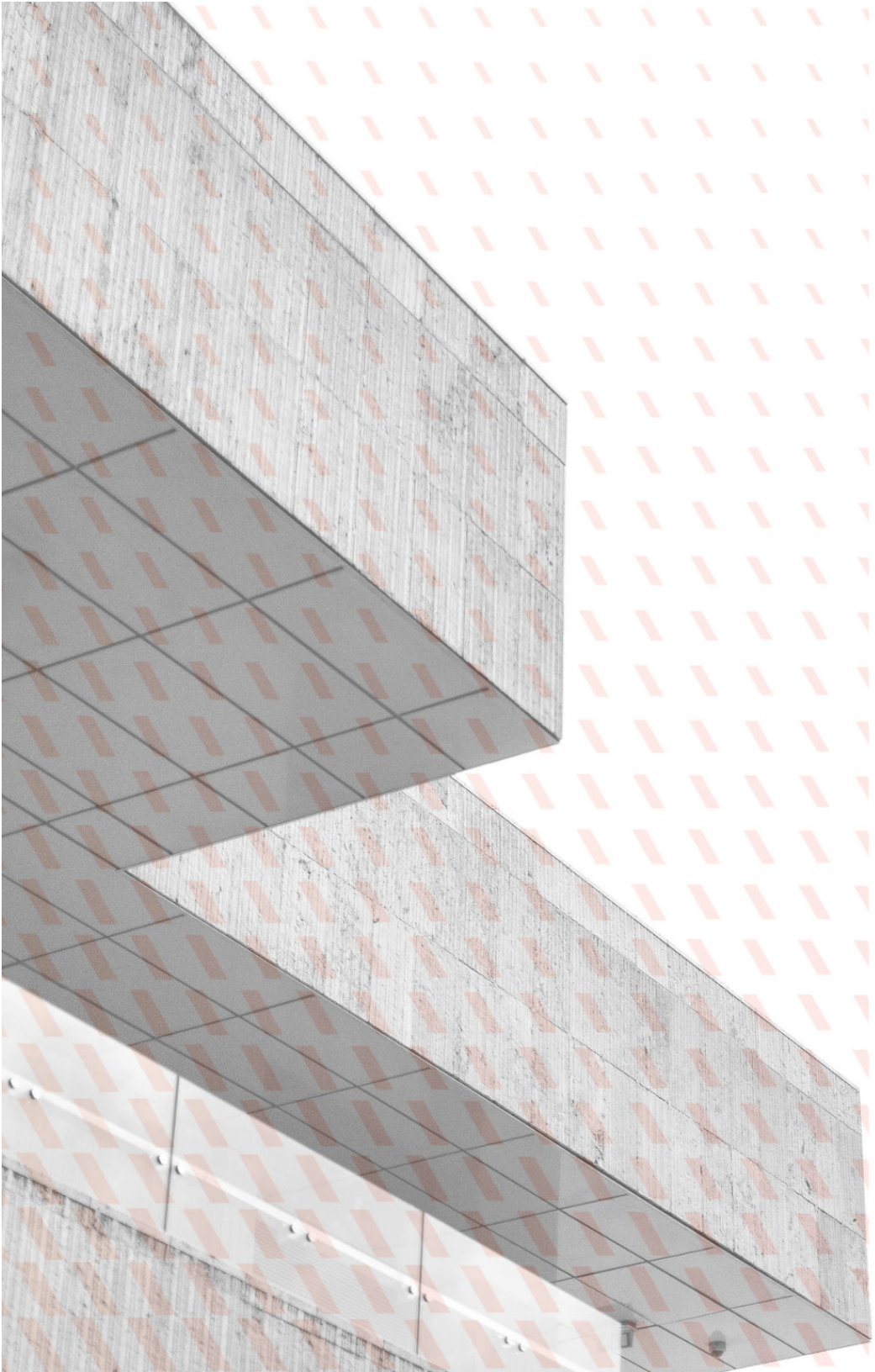


Automated Logic

WebCTRL®

Version Comparison

WebCTRL®

Why Upgrading Your WebCTRL System is Essential

To maintain maximum security, stability, and access to fixes for your WebCTRL system, WebCTRL 11, WebCTRL Cloud, v10.0, v9.0, v8.5, and v8.0 are currently supported and receiving patches.

Benefits of Upgrading Your WebCTRL Building Automation System:

New Features: Revision updates enhance operator efficiency and occupant satisfaction with new features. For version 11, this includes alarm workflow controls (bulk actions, temporary alarm-action suppression), TrailGuide navigation enhancements, operator/privilege duplication, security audit-log filtering by activity type, and delivery of core application events into IT monitoring tools via Syslog.

Security: Keep WebCTRL up to date with software revisions to patch security vulnerabilities and protect your data and users.

Performance: Revision updates improve performance, helping it run faster and more efficiently.

Compliance: Maintain alignment with strict IT security policies and evolving energy regulations. Upgrading provides access to advanced tools, including pre-certified Title 24 JA18 and ASHRAE Guideline 36 logic, providing an auditable path intended to help mitigate project delays and reduce costs.



WebCTRL® VERSION COMPARE

Feature	Cloud	On-Premises				
		v11	v10.0	v9.0	v8.5	v8.0
Cloud-hosted and managed by Automated Logic	●					
No on-site BAS Server needed	●					
Convenient subscription model	●					
Automatic software updates	●					
Automatic database backups	●					
Guaranteed uptime	●					
BACnet Secure Connect: Communication between the cloud server and your on-site BAS network is secured and encrypted using BACnet Secure Connect and/or a VPN tunnel.	●					
Alarm Workflow Controls: Bulk actions and temporary alarm-action suppression help keep the alarm list focused on conditions that need attention.	●	●				
TrailGuide™ Navigation Enhancements: Path history and dealer-defined custom source trees help retrace troubleshooting steps and expose additional equipment relationships.	●	●				
Security & Access Management: Duplicate an existing operator's configuration or privilege set for more efficient, consistent access administration.	●	●				
Security Audit-Log Filtering: Narrow an audit-log review to a specific activity type within the existing security audit log.	●	●				
System Events for IT Monitoring: Logs startup, shutdown, and application-failure events locally. With the WebCTRL Advanced Security package, Syslog integration forwards these events to your external IT monitoring tools.	●	●				
EIKON® Configurable Math Microblocks: Set the number of inputs on a math microblock to reduce repetitive engineering and chained blocks.	●	●				
ViewBuilder Pipe/Duct Assembly Tool: Automates pipe and duct assembly in ViewBuilder graphics.	●	●				
5-year controller warranty (WebCTRL controllers must be connected or registered with BAS Central).	●	●				
Innovative Semantic Troubleshooting (TrailGuide™): Quickly identify and trace building system issues with a visual map of interconnections.	●	●	●			
Live & Hosted Backups for Rapid Recovery: Help safeguard your WebCTRL system without interruption. Schedule full or partial live backups anytime, and store them wherever you choose—including our secure cloud. It's a smart way to ensure fast, reliable recovery when you need it most.		●	●			
Insights Sharing: Deliver building automation insights like dashboards and reports to stakeholders without a BAS login, on-demand or on a set schedule.	●	●	●			
Enhanced Trend Capabilities: Analyze data faster and easier with more data per graph and customizable colors. Generate with one-click XY scatter plots.	●	●	●			
Smarter BACnet Discovery: Define where and how to scan BACnet networks for faster, more efficient, and easier discovery.	●	●	●			

WebCTRL® VERSION COMPARE

Feature	Cloud	On-Premises				
		v11	v10.0	v9.0	v8.5	v8.0
Robust Security & Compliance: Strengthen system defenses with the latest security patches, adherence to industry standards, and modernized components.	●	●	●			
Fast, Accurate, Automated Commissioning (ACxelerate 3.0 add-on): Simplify commissioning of VAV units with an updated interface and enhanced reports, saving time and minimizing errors.	●	●	●			
Code & Guideline Support: Designed to adapt to evolving codes and guidelines, featuring ASHRAE Guideline 36 and pre-certified Title 24 JA18 logic. These libraries provide an auditable path intended to streamline commissioning and help lower project costs.	●	●	●	●		
Predictive Insights (Add-On): A proactive, AI-powered diagnostic tool that continuously monitors HVAC and BAS data to help facility teams anticipate issues and optimize energy performance. This WebCTRL add-on is available for a convenient subscription fee.	●	●	●	●	●	
Alarms summary tab allows users to better understand where alarms are occurring and identify sources of “noise”	●	●	●	●	●	●
Restful API reads alarm data and enables integration with 3rd party analytic tools	●	●	●	●		
Simultaneous downloads on multiple IP sub-networks enables faster downloads with IP-based zone controllers and systems utilizing BACnet/SC	●	●	●	●		
Resource Management utility facilitates remote transfer and organization of resource files on a server	●	●	●	●		
Security Review report indicates how close a system’s deployment is to recommended Security Best Practices	●	●	●	●		
SSO enables Enterprise Authentication using OIDC or SAML2.0 in addition to current LDAP integration	●	●	●	●		
“Staged downloads” reduce downtime of connected HVAC equipment	●	●	●	●	●	
Rollback to previous controller firmware, if needed	●	●	●	●	●	
New web user interface Set Up Tree enables additional remote system engineering	●	●	●	●	●	
Operator information report	●	●	●	●	●	
Easily use BAS data in enterprise systems with MQTT *Can use with WC 8 w/cumulative patch 5 or greater.	●	●	●	●	●	●
BACnet Secure Connect (BACnet/SC) provides cybersecurity inherently, equal to what is currently achieved using VPNs and such. No extra VPN equipment or software and according setups will be needed anymore. IT Department friendly as it uses well-known, accepted IP application protocols and techniques.	●	●	●	●	●	●
ACxelerate™ VAV Auto-Commissioning tool built-in: assists in commissioning VAV terminal units by automating many commissioning tasks, significantly reducing field and facility commissioning time	●	●	●	●	●	●
Haystack-compatible semantic tagging: in tags and rules will automatically tag equipment using standard reference names. Where applicable, standard Haystack tags are applied.	●	●	●	●	●	●

WebCTRL® VERSION COMPARE

Feature	Cloud	On-Premises				
		v11	v10.0	v9.0	v8.5	v8.0
Scalable Vector Graphic (SVG) Floorplan support: > Allows your floorplan to dynamically size relative to your monitor resolution. > Summary Floorplans allow you to zoom into floors from a single graphic.	●	●	●	●	●	●
Internet Protocol Version - IPv6 supported: > No more private address collisions > Better multicast routing > Simplified, more efficient routing > True quality of service (QoS) > Built-in authentication and privacy support	●	●	●	●	●	●
Source Tree Functionality in the WebCTRL User Interface	●	●	●	●	●	●
Custom Report Enhancements > Added horizontal scrolling on columns table in the Report Editor > Improved Expression Parser > Ability to click column headers to sort reports > Links from reports now go to the graphic page > Editable variables can be modified from a graphic > Support for searching and referencing semantic tags > All charts have the same 12 color palette > Standard Deviation added to the statistics footer	●	●	●	●	●	●
Improved Certificate Management Process	●	●	●	●	●	●
Security enhancements: Java 11, Tomcat 9	●	●	●	●	●	●
Patented, Data-driven Color Data Maps - A graphics page color map shows specified colors for various conditions that are defined in a report	●	●	●	●	●	●
Schedulable reports - (PDF or CSV), and you can choose to have it automatically emailed to someone.	●	●	●	●	●	●
Support for high definition (HD), 1080p building graphics	●	●	●	●	●	●
The System Statistics button now includes the following totals: · Number of controllers · Number of controllers that can run control programs · Number of points, regardless of vendor	●	●	●	●	●	●
21 CFR Part 11 operator re-authentication - If an operator is required to record a reason for making system changes, the operator is now required to re-enter their system password in the box where they record the changes. Requires Advanced Security Optional Package.	●	●	●	●	●	●
Data tables and charts - These controls on a Graphics page pull data from a WebCTRL report. The chart control allows you to specify a line chart, pie chart, horizontal bar chart, or vertical bar chart.	●	●	●	●	●	●
Energy reporting dashboards included	12	12	12	12	12	12

WebCTRL® VERSION COMPARE

Feature	Cloud	On-Premises				
		v11	v10.0	v9.0	v8.5	v8.0
Turbo-charged Trend Engine - 5X Write | 10X Delete | 15X Read , 70% reduction in storage space	●	●	●	●	●	●
Linear and angular gauge controls	●	●	●	●	●	●
Enhanced mobile and small screen navigation	●	●	●	●	●	●
Security enhancement - BACnet firewall	●	●	●	●	●	●
Security enhancement - Advanced password policy	●	●	●	●	●	●
Currently supported version: fixes, updates and security patches	●	●	●	●	●	●
Fault Detection and Diagnostic (FDD) Alarm Categories - WebCTRL 7.0 introduces two new alarm categories, FDD Comfort and FDD Energy.	5	5	5	5	5	5
ZN microblock limit increased from 400 to 700 to support FDD	●	●	●	●	●	●
Add-ons: Eight add-ons included	●	●	●	●	●	●
Graphic layers in Viewbuilder allow greater graphic view flexibility	●	●	●	●	●	●
Graphic Local Variables - conditional expressions improve interaction	●	●	●	●	●	●
Multi-Browser Compliance - Firefox®, Safari®, Google™ Chrome™	●	●	●	●	●	●
Tablet support - Apple® iPad®, Google™ Nexus™, Microsoft® Surface™	●	●	●	●	●	●
Revised Trends Interface - improved usability and web browser support	●	●	●	●	●	●
Improved Alarms View interface	●	●	●	●	●	●
Improved the Schedules interface	●	●	●	●	●	●
EquipmentTouch and SystemTouch - Custom graphics support	●	●	●	●	●	●
DHCP IP addressing - Router IP addresses assigned by a DHCP server	●	●	●	●	●	●
Time-Lapse Graphics - instant replay for equipment / system diagnosis	●	●	●	●	●	●
WebApps in Viewbuilder Graphics - add WebApp content to views	●	●	●	●	●	●
ZS Intelligent Zone Sensors Support - Temp, humidity, CO2, VOC's	●	●	●	●	●	●
Increased Java Virtual Memory - Default memory allocation doubled	●	●	●	●	●	●
BACnet PID Microblock	●	●	●	●	●	●
Improved BACnet integration	●	●	●	●	●	●

WebCTRL® VERSION COMPARE

WebCTRL Software Editions

WebCTRL Edition	Part #	Points Supported	Advanced Packages Included	Description
WebCTRL Standard	WC-S	200	None; advanced packages not supported.	For small facilities. Limited to 200 total points (includes all controller I/O + integration points).
WebCTRL Advantage	WC-A	500	None, but can be added.	For small to medium facilities. Limited to 500 total points (includes all controller I/O + integration points).
WebCTRL Cloud	WC-C	Unlimited	Advanced Reporting Advanced Security Advanced Alarming	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	Advanced Reporting	For large facilities to multi-building campuses. Unlimited points.
WebCTRL for Life Sciences	WC-LS	Unlimited	Advanced Reporting Advanced Security Advanced Alarming	For Life Science facilities. All the features of WebCTRL Premium plus 21 CFR part 11 features including electronic signatures, electronic records, security, and reporting.

Advanced Packages

SKU	Description
WC-ADV_ALARM	Advanced Alarming
WC-ADV-REP	Advanced Reporting
WC-ADV-SEC	Advanced Security

WebCTRL® VERSION COMPARE

Software Add-Ons

SKU	Add-On Description
ADD-SSO	OIDC, SAML 2.0 or LDAP/Active Directory® integration
ADD-SCH_EXCH	Microsoft® Exchange Scheduling integration
ADD-SCH_BACNET	Allows third-party devices to read and write schedules via the BACnet protocol (ie: SchoolDude®, Events2HVAC™)
ADD-SCH_EMS	Integrates the EMS Software platform into WebCTRL by retrieving EMS room bookings at configured times and writing WebCTRL override schedules based on those bookings.
ADD-FDD-RPT	Fault Detection & Diagnostics Reporting
ADD-WTHR_AQI	Weather Add-on Air Quality Index
ADD-WTHR_AQI-RENEW	Weather Add-on Air Quality Index renewal subscription
ADD-WTHR_HRLY	Weather Add-on Hourly Weather
ADD-WTHR_HRLY_RENEW	Weather Add-on Hourly Weather renewal subscription
ADD-WTHR_HRLY_AQI	Weather Add-on Hourly Air Quality Index & Weather Forecast
ADD-WTHR_HRLY-AQI-RENEW	Weather Add-on Hourly Air Quality Index & Weather Forecast renewal subscription
ADD-TRNDEXP	Trend Export
ADD-OADR2	Open Automated Demand Response
ADD-MQTT_Client	MQTT Connector
ABD-SAAS	WebCTRL Predictive Insights
ADD-DOOR_STATUS_17-01-C	Door Status Integration

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