



WebCTRL®

Version Comparison



Why Upgrading Your WebCTRL System is Essential

To maintain maximum security, stability, and access to fixes for your WebCTRL system, only 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.

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									
		10.0	9.0	v8.5	v8.0	v7.0	v6.5	v6.1	v6.0	v5.5	v5.2
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.	●										
5-year controller warranty (* WebCTRL system must be connected to BAS Central)	●	●*									
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.		●									
Innovative Semantic Troubleshooting (TrailGuide™): Visualize building system interconnections to quickly identify and trace issues for efficient troubleshooting.	●	●									
Insights Sharing: Deliver building automation insights—such as dashboards, trends, and reports—to stakeholders without BAS access—on-demand or on a set schedule. For users with BAS access, share a secure link to a specific page in the BAS.	●	●									
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—making discovery faster, more efficient, and easier to manage.	●	●									
Robust Security & Compliance: Strengthen system defenses with the latest security patches designed to help protect against known vulnerabilities adhering to industry standards and using modernized components for a more secure and compliant system.	●	●									
Fast, Accurate, Automated Commissioning (ACxelerate™ 3.0 add-on): With a refreshed interface and enhanced reporting, ACxelerate 3.0 simplifies auto-commissioning of dampers and reheat valves in single-duct, dual-duct, and fan-powered VAV units—helping teams save time, minimize errors, and stay compliant.	●	●									
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 add-on is available for a convenient subscription fee.	●	●	●	●	●						
Restful API reads alarm data and enables integration with 3rd party analytic tools	●	●	●								

WebCTRL[®] VERSION COMPARE

Feature	Cloud	On-Premises									
		10.0	9.0	v8.5	v8.0	v7.0	v6.5	v6.1	v6.0	v5.5	v5.2
Alarms summary tab allows users to better understand where alarms are occurring and identify sources of "noise"	●	●	●	●	●						
Simultaneous downloads on multiple IP sub-networks enables faster downloads with IP-based zone controllers & systems utilizing BACnet/SC	●	●	●								
Resource Management utility facilitates remote transfer & 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 VPN-equivalent security using standard IP protocols, helping reduce reliance on additional hardware or complex setups for a more IT-friendly system.	●	●	●	●	●						
ACxcelerate 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.	●	●	●	●	●						
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	●	●	●	●	●						
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	●	●	●	●	●						

v6.1			
v6.1	v6.0	v5.5	v5.2

[illegible]

WebCTRL® VERSION COMPARE

Feature	Cloud	On-Premises									
		10.0	9.0	v8.5	v8.0	v7.0	v6.5	v6.1	v6.0	v5.5	v5.2
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