Automated Logic

WebCTRL®
The Open Integration Platform

Built to Integrate

Automated Logic's WebCTRL® system offers multiple methods for securely and efficiently integrating building data from third-party systems into the platform. WebCTRL can also share platform data with other third party systems. Whether through APIs, protocol-level access, or export tools, WebCTRL supports scalable integration while maintaining strong data security and integrity across enterprise applications.

Integration Scope Note: WebCTRL® provides bi-directional control for mechanical (e.g., HVAC) and electrical systems. For Life Safety and Security systems (e.g., Fire, Access Control), the primary function is real-time monitoring and alarming for compliance, diagnostic, and reporting purposes.

Ready to Connect

Open Protocol Support: BACnet (IP, ARCnet, MSTP or Secure Connect), Modbus (TCP/IP or RTU), N2 Open, SNMP, KNX, M-Bus, and more.

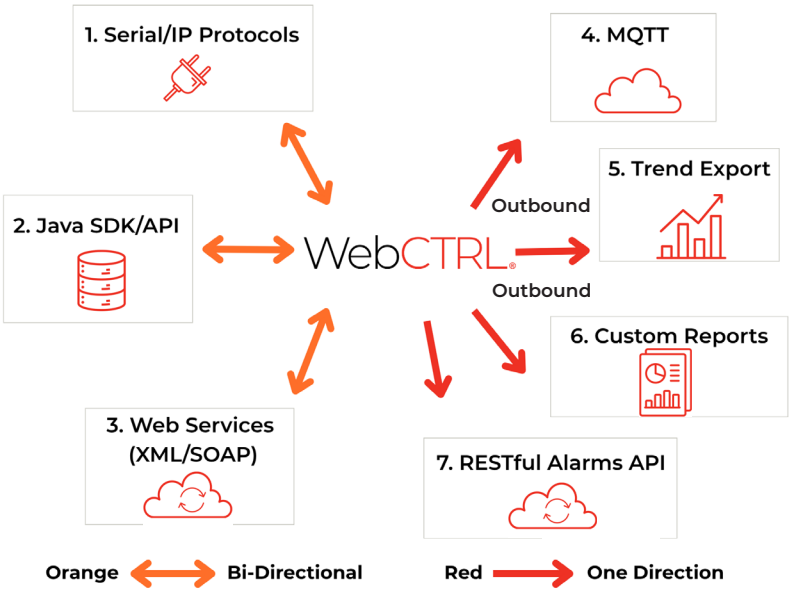
Flexible Data Exchange: WebCTRL includes a suite of built-in APIs such as a RESTful API for alarms, SOAP/XML Web Services, and other Add-On APIs that allow external systems to query and interact with building automation system (BAS) data, all without requiring any additional hardware. The Trend Export add-on enables structured and automated delivery of historical data, while MQTT provides a lightweight transport method for sharing real-time BAS data that includes built-in Haystack tags or custom semantic labels.

Secure & Scalable: WebCTRL supports secure integration through BACnet Secure Connect (BACnet/SC) with TLS v1.3 encryption and authenticated API access, while controllers support flexible point packs to increase integration capacity when needed.

WebCTRL®

Integration Options at a Glance: 7 Ways to Connect Your Building Systems

OPTION	INTEGRATION METHOD	DESCRIPTION
1	**Serial/IP Protocols**	Using our powerful integration hardware to integrate with electric meters, VFDs, lighting, boilers, chillers, fire/security systems, elevators, fume hoods, UPSs, dynamic glass, and more using industry-standard open protocols. Flexible point packs allow you to scale integration capacity as needed.
2	**Java SDK/API**	Licensed SDK allows experienced Java developers to access trends, logic, schedules, and live values from the BAS. We can license our SDK on a case-by-case basis.
3	**Web Services**	Used for integrating web-based applications using open standards like XML/SOAP, WSDL, and UDDI, ideal for enterprise-level applications that require strict contracts and security.
4	**MQTT Add-on**	Real-time data publishing from WebCTRL to MQTT brokers, by supporting MQTT v3.1.1 and Sparkplug™ B v1.0 specs. No extra BAS hardware needed. Supports username/password and certificate-based authentication.
5	**Trend Export Add-on**	Export up to 2 years of .CSV trend data from the BAS—daily, hourly, or on-demand to share with a third party system. Schedule exports of only new data for efficiency.
6	**Custom Reports**	Automatically email reports, graphics, and PDFs from the BAS to designated recipients on a schedule.
7	**RESTful API**	Trigger GET or POST requests to external APIs when BAS alarms occur—ideal for real-time automation and alerts.



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.

Learn more about WebCTRL products here.

Automated Logic

1150 Roberts Boulevard, Kennesaw, Georgia 30144
770-429-3000 • Fax 770-429-3001 | automatedlogic.com | A Carrier Company

©2025 Carrier. All Rights Reserved. All trademarks and service marks referred herein are the property of their respective owners.

V110325