HARRIS
Integrated Solutions

Building Automation Made **Easier** With **Smart Technology**

Authorized Dealer of

AutomatedLogic

WEBCTRL® SYSTEM

THE POWER IS IN THE PLATFORM

INTUITIVE BUILDING AUTOMATION SYSTEM

The Automated Logic WebCTRL v8.5 building automation system (BAS) offers an intuitive user interface and powerful tools to help facility managers keep occupants comfortable, manage energy conservation measures, identify key operational problems, and analyze the results. And, best of all, this can all be done anytime/anywhere, through a variety of internet devices, from desktop PCs to web-enabled cell phones and tablets.

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.

- Powerful, comprehensive building management with intuitive, point-and-click graphical access
- Dynamic color, Scalable Vector Graphic (SVG) floorplans provide a quick overview of building conditions
- Inherent Indoor Environmental Quality Index (IEQ) calculates and displays the overall indoor environmental quality and health of the building
- Powerful WebCTRL Time-lapse™ graphics for analyzing and troubleshooting up to 24 hours of past building operation
- Integrated ASHRAE Guideline 36-compliant Fault Detection and Diagnostics (FDD) to help anticipate, provide insight, and automatically respond to building issues
- Readily participates in energy rebate programs using the OpenADR® 2.0 protocol

- Easily use BAS data in enterprise systems with MQTT
- "Staged downloads" reduce downtime of connected HVAC equipment
- Rollback to previous controller firmware, if needed
- Supports BACnet Secure Connect (BACnet/SC), a secure, encrypted datalink layer designed to meet the requirements and constraints of IP infrastructures
- AC_Xelerate™ VAV Auto-Commissioning tool automates commissioning of VAV terminal units, reducing commissioning time and ensuring proper operation
- Haystack-compatible semantic tagging automatically assigns standard reference names to equipment data
- Internet Protocol Versions IPv6 and IPv4 are supported
- Fully compatible with Automated Logic legacy systems and products since the introduction of our first building automation system in 1984

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.

SPECIFICATIONS

CLIENT REQUIREMENTS		
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 2019 Windows Server 2016 Windows Server 2012 R2 Red Hat Linux 7.4	Windows 10 Professional and Enterprise Windows 8 Professional and Enterprise Ubuntu® 18.04 and 20.04
Database:	Apache Derby (default database engine-included with purchase) The WebCTRL® v8.5 system supports the following databases (sold separately)	
	Oracle 12c MySQL 5.7.2MySQL 5.7.2 and 8.0	SQL Server Express 2019, 2017, 2016 SQL Server 2019, 2017, 2016 PostgreSQL 9.4 through 12
Security:	BACnet Secure Connect (BACnet/SC) secure, encrypted datalink 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, Swedish, Thai, Traditional Chinese, Vietnamese, Dutch, Norwegian, Finnish	
BACnet:	BACnet Protocol Revision 19 Compliant BACnet Advanced Operator Workstation (B-AWS)	

PRODUCT VERSIONS

SKU	Description	Application
WC-S	WebCTRL Standard*	Simple, small commercial facilities
WC-A	WebCTRL Advantage	Small to medium commercial facilities
WC-P	WebCTRL Premium	Large facilities to multi-building campuses
WC-LS	WebCTRL for Life Sciences	Facilities requiring 21 CFR part 11 certification

* WebCTRL Standard does not support WebCTRL add-ons

COMPATIBLE ADD-ONS AND ACCESSORIES

SKU	Description
ADD-LDAP	LDAP/Active Directory® add-on
ADD-SCH_EXCH	Microsoft® Exchange Scheduling add-on
ADD-FDD	Fault Detection & Diagnostics add-on
ADD-HR-WTHR	Hourly Weather Forecast add-on
ADD-OADR2	Open Automated Demand Response add-on
ADD-MQTT_Client-*YR	MQTT Connector add-on: 1- year or 7-year subscription

(803) 794 - 8808   HARRISINTEGRATION.COM   **HARRIS** Integrated Solutions