



RC-WebView is an easy-to-use browser-based building management solution that allows you to efficiently manage any BACnet internet-connected building. RC-WebView combines the power of enterprise tools with a simple interface that connects multiple independent control systems into a single Enterprise Website, providing scalable visibility and control at a glance.

View, edit, and override inputs, outputs, values, schedules, groups, programs, and alarms with RC-WebView, and easily create, graph, and print trend and runtime logs. Navigation Groups extend the software's graphical integration capabilities, allowing you to easily connect with any third-party web-based interface. With Active Directory integration and advanced security features, including support for single sign-on, RC-WebView helps ensure compliance with Title 21 CFR Part 11 and delivers a powerful, secure, intuitive web solution for building managers.

Project:	Dealer Information:  EMS Energy Management Systems (Pvt) Ltd.
Engineer:	
Approved by:	

PRODUCT FEATURES

BACnet Operator Workstation

- Take advantage of a web server that meets or exceeds the BACnet Operator Workstation (B-OWS) profile.
- Access any third-party internet-connected BACnet system configured with System Groups.
- Access and change inputs, outputs, values, schedules, programs, groups, alarms, Single-point Trend Logs, Multipoint Trend Logs, and Notification Classes.
- Create, modify, and delete Single-point Trend Logs, Multipoint Trend Logs, Notification Classes, Point Reports, and programs.
- Graph and print trend logs and runtime reports.
- Render HTML5 animations on System Groups.

Navigation Groups

- Create nested background image maps, and populate them with multiple objects and links for seamless navigation.
- Link URLs and RC-WebView visual elements such as System Groups, schedules, other Navigation Groups, and alarm summaries.
- Navigation Groups support live data from numerous BACnet and RCP-protocol objects.
- Use HTML animations with live data on Navigation Groups.

Enterprise Schedules

- Create hierarchical and exception schedules across multiple devices and multiple systems.
- Use block schedules to assign any existing schedule to a named list you can enable or disable as needed.
- Automatically or manually clear expired events using the Cleanup Configuration service.
- View a list of pending updates using the Enterprise Schedule Queue feature.

Audit Trail

- Automatically record every change made by users, including administrators.
- Control access with password-enabled security levels.
- Track alarm properties, and allow user-configurable or context-sensitive filtering to support Title 21 CFR Part 11 requirements.
- Digitally sign audit logs to ensure authenticity to support Title 21 CFR Part 11 requirements.

Enterprise Websites

- Create multiple Enterprise Websites.
- Add multiple existing BACnet IP systems to a single Enterprise Website. IP connections are limited by the number of licenses you purchase.
- Use a single sign-on to access an Enterprise Website.
- Access SAML or Active Directory authentication or use local authentication module.
- Create scalable, fully customizable user interfaces with Enterprise Schedules, Navigation Groups, Navigation Trees, and users.

Navigation Trees

- Create a unique menu for any user or user role within the Enterprise Website.
- Link URLs and RC-WebView visual elements such as System Groups, Schedules, other Navigation Groups, and alarm summaries.

After-Hours Services

- Building tenants can request, and managers can approve, zone operation outside regularly scheduled periods.
- Report feature summarizes after-hours activity and associated costs.

PRODUCT FEATURES

Gallery

- Access and manage banner images, Navigation Group graphics, and logos.

Alarms

- Display global alarm summary from all systems within an Enterprise Website.
- Allow user-configurable or context-sensitive alarm filtering to support Title 21 CFR Part 11 requirements.
- Display numerous alarm properties by user, including time, type, message, and state.
- Reposition alarm columns.
- Use convenient pop-up messages for new alarms.
- Configure alarm properties, broadcast destinations, and email recipients using the Notification Classes worksheet.
- Configure all aspects of alarm emails, including the title and body, and include links that direct users to specific areas of RC-WebView related to the alarm.

License and Updates Subscription

- License allows up to 500 IP connections per server.
- 12-month update subscription included with initial license.
- Software continues to function regardless of subscription state.
- No penalty to renew expired subscriptions.

Users

- Flexible permissions allow administrators to configure access to objects and services by user or user role.

RC-WebView API

- RC-WebView supports data access via RESTful API.

Title 21 CFR Part 11 Security Features

- Change Approval option enforces users to authenticate their system changes.
- Password Expiry option enforces new password creation at a specified interval.
- Lockout Settings option enforces an automatic lockout of user credentials after a specified number of failed logon attempts.
- Watermark option enforces a configurable watermark image on all pages printed from the system.
- Security Certificate option enforces a default or configurable security certificate to validate exported logs.
- Supports TLS 1.2.

Panel File Backup and Restore

- Back up and restore BACnet devices.
- Schedule automatic network backups.

Programs

- Use the RC-WebView editor to write program code, including syntax highlighting, trace flags, and watch lists.

BACnet File Services

- When enabled in RC-Studio 3.6.1 or later, RC-WebView can store and distribute files in the Resource Files section of Resource Manager.

Language Support

- Support for English, French, Spanish, Portuguese, German, and Chinese.

Offline Engineering

- The Offline System option allows you to design and validate aspects of RC-WebView without a connection to a live system.

Certifications

- BTL listed (B-OWS).

TECHNICAL SPECIFICATIONS

Recommended Server Requirements

- All hardware rated for continuous server operation.
- Intel Xeon E3 3.10 GHz or better.
- Four cores must be available for RC-WebView. For multiple products installed on a single computer, you need two cores per product plus at least two cores for the SQL Server database.
- x64 system architecture.
- 16 GB RAM.
- Hardware RAID in a redundant performance configuration with 10K RPM SAS drives or better.
- 16 GB free hard disk space.
- Internet connection for software download and installation.
- Server-quality gigabit network interface card.
- Windows Server 2016 Standard–Windows Server 2025.
- Microsoft SQL Server 2016 (x64)–Microsoft SQL Server 2022.
- Router with firewall enabled. Broadband network connection with minimum upload speed of 1 Mbps.
- Maximum configuration: 500 IP connections per server.

Browser Support

- Google Chrome 83 or later.
- Microsoft Edge 83 or later.
- Safari 13 or later.

ORDERING

RC-WB3

- Base software license with no connections, expandable to 500 IP connections.

RC-WB3-1A

- Adds one unique IP connection to existing license. Must have previously purchased RC-WB3.

RC-WB3-25A

- Adds 25 unique IP connections to existing license. Must have previously purchased RC-WB3.

RC-WB3-S

- Subscription for 12 months of online software updates.