Reliable® controls

All-in-one engineering

Recognized as the ultimate all-in-one engineering tool, RC-Studio from Reliable Controls provides a multi-vendor, multi-protocol integration solution for database, alarming, scheduling, trending, and sequence of operation programming. This easy to use, easy to learn BACnet Advanced Workstation (B-AWS) allows you to develop a complete and customized graphical user interface for monitoring and controlling any application at any scale. RC-Studio's real time energy management (RTEM) and integrated fault detection and diagnostic (IFDD) capabilities will empower you to improve your facility's operational efficiency and occupant comfort while maintaining your sustainability goals.

ISO 9001 14001 QUALITY ENVIRONMENTAL ASSURANCE

Member of BACnet International

Better by design

WWW.RELIABLECONTROLS.COM/RCST

Technical Specifications

Recommended Server Requirements

- Processor: Intel Core i5.
- Two CPU cores are recommended for each Reliable Controls application installed.
- Storage: 10 GB of free hard disk space.
- RAM: 4 GB.
- Graphics: 1920 x 1080, 32-bit color display.
- EIA-232 port (or USB adapter) required for direct connection.
- 100 Mbps Ethernet NIC.
- Operating System: Microsoft Windows 10.

Features

Advanced Workstation

- Automatic BACnet discovery of all devices.
- Ability to retain discovered devices between sessions.
- Create/delete, drag and drop BACnet objects.
- Intuitive database worksheets.
- Cut and paste Program code.
- Full Priority Array control.
- Workstation Groups for 3rd party BACnet integration without MACH-System controllers. TEST

Full-Featured Programmability

- Inputs, Outputs, Values, Arrays, Schedules, Calendars.
- Runtime Logs, Single-point and Multipoint Trend Logs.
- Editor for writing program code, including syntax highlighting and Watch lists.
- System Group Editor for annotation and linking professional graphics.
- Program and System Group changes can be easily sent to multiple controllers using Send Multiple and Templates features.
- Select and modify multiple System Group annotations with a single action.

Simulate Mode

- Program an entire system offline without the need for controller hardware.

Graphic Support

- BMP, GIF, TIFF, JPG, EMF, PNG, and DIB background images.
- HTML5 animation graphics from RC-GrafxSet for animating equipment, buttons, dashboards, charts, gauges, maps, IFDD FlexTiles, RC-Reporter components, and much more.
- Custom designed color picker allows you to pick the color of your choice .
- Links to URLs, keywords, and other System Group graphics.

Network Management

- Alarm monitoring and annunciation to screen, email, and printer.
- Wild Point searching and report generation.
- Customized Point Reports.
- Manual Points Report.
- Automated network backup.

Templates

- Deploy and update multiple MACH-System controllers with a single panel file Template.
- Changes are automatically propagated across the network to selected controllers.

Certification

- BTL listed (B-AWS)

Ordering

RC-ST3-1

- License for a single workstation.
- Comes with RC-Key (USB Software Key).

RC-ST3-1A

- Adds single workstation to existing license (must have previously purchased RC-ST3-1).

RC-ST3-S

- Subscription for 12 months of online software updates.

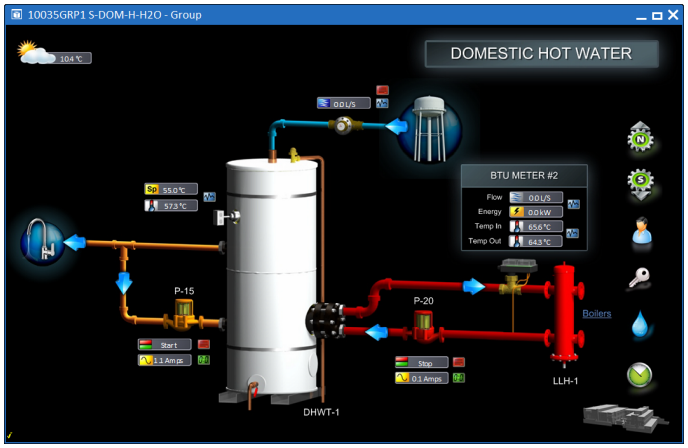
RC-ST3-S1

- License for a single workstation.
- Comes with soft license (no USB Software Key required).

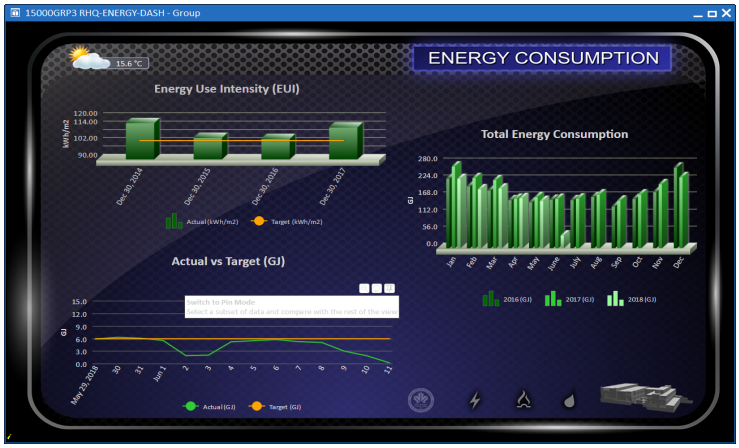
RC-ST3-S1A

- Adds single workstation to existing license (must have previously purchased RC-ST3-S1).

Screen Captures



System Group with Equipment Components



System Group with RC-Reporter Components

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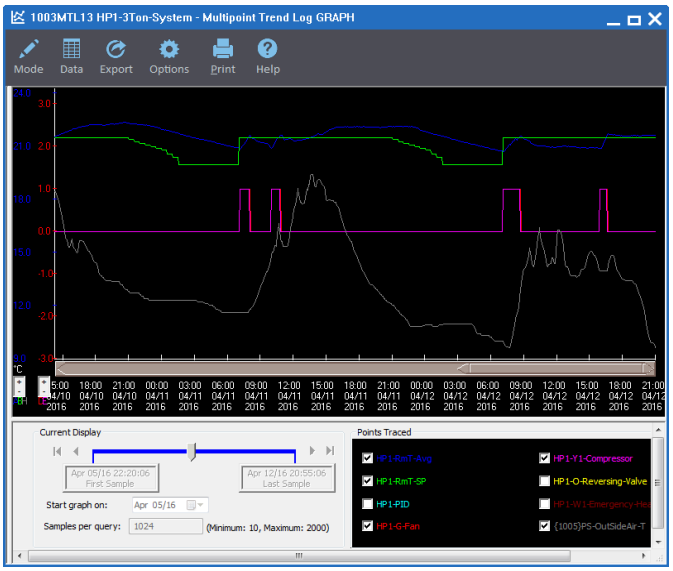
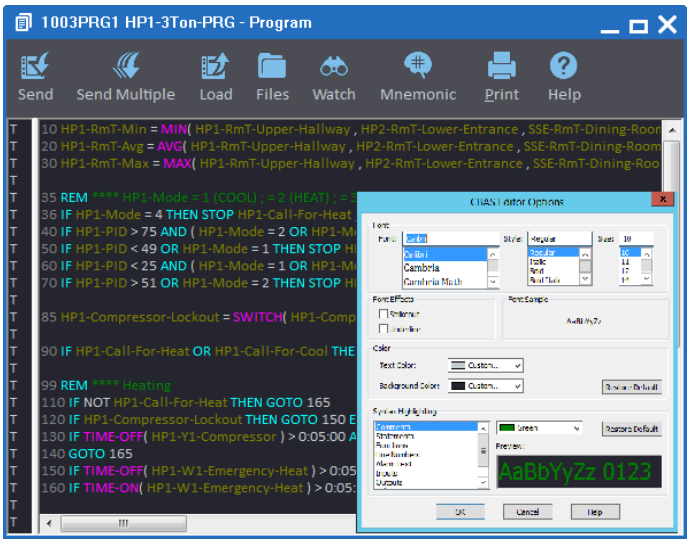
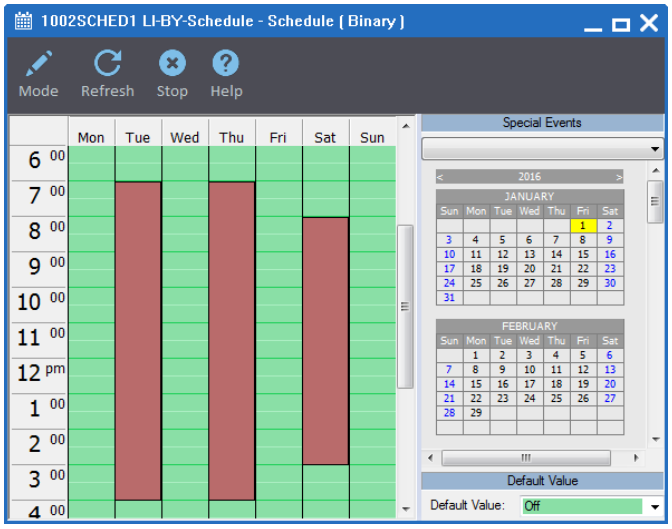
Screen Captures



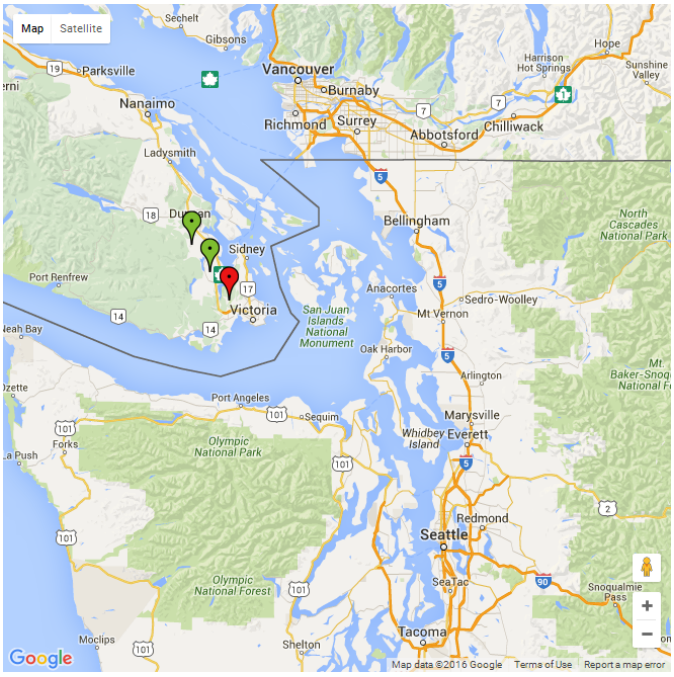
Multipoint Trend Log



Program code



Schedule



System Group with Google Map

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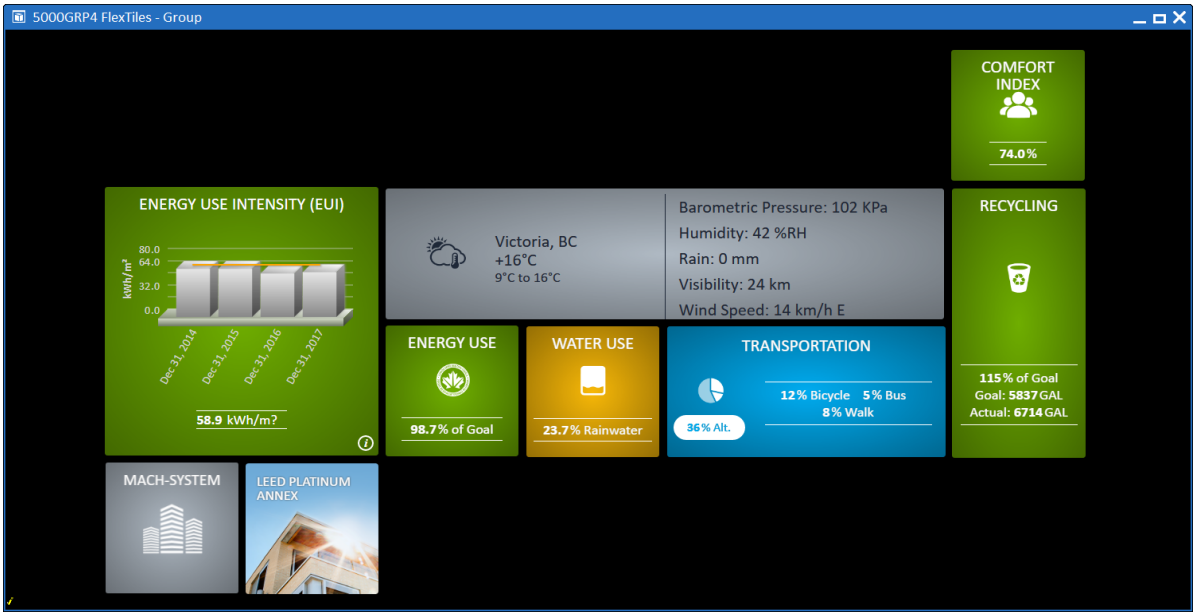
System Group with IFDD FlexTile



System Group with Dashboard FlexTiles

Dealer Information:

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