



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.



Better by design



WWW.RELIABLECONTROLS.COM/RCST

PRODUCT 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.

Automated File Synchronization

- Automated synchronization of System Group files between workstations.
- Synchronize support files with RC-WebView or MACH-ProWeb controller.
- Full configuration of a MACH-ProWeb controller across any BACnet network.

Simulate Mode

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

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.

Certification

- [BTL listed \(B-AWS\)](#).

All-In-One Programmability

- Program Inputs, Outputs, Values, Loops, Arrays, Schedules, and Calendars.
- Program Runtime Logs, Single-point and Multipoint Trend Logs.
- Editor for writing sequence of operation code, including syntax highlighting and Watch lists.
- System Group Editor for building graphics using RC-GrafxSet images and animations, as well as annotating objects, landing pads, and keywords, and linking to other graphics or networked content.
- 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.

Templates

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

Graphic Support

- BMP, JPG, and PNG 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.

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.

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.

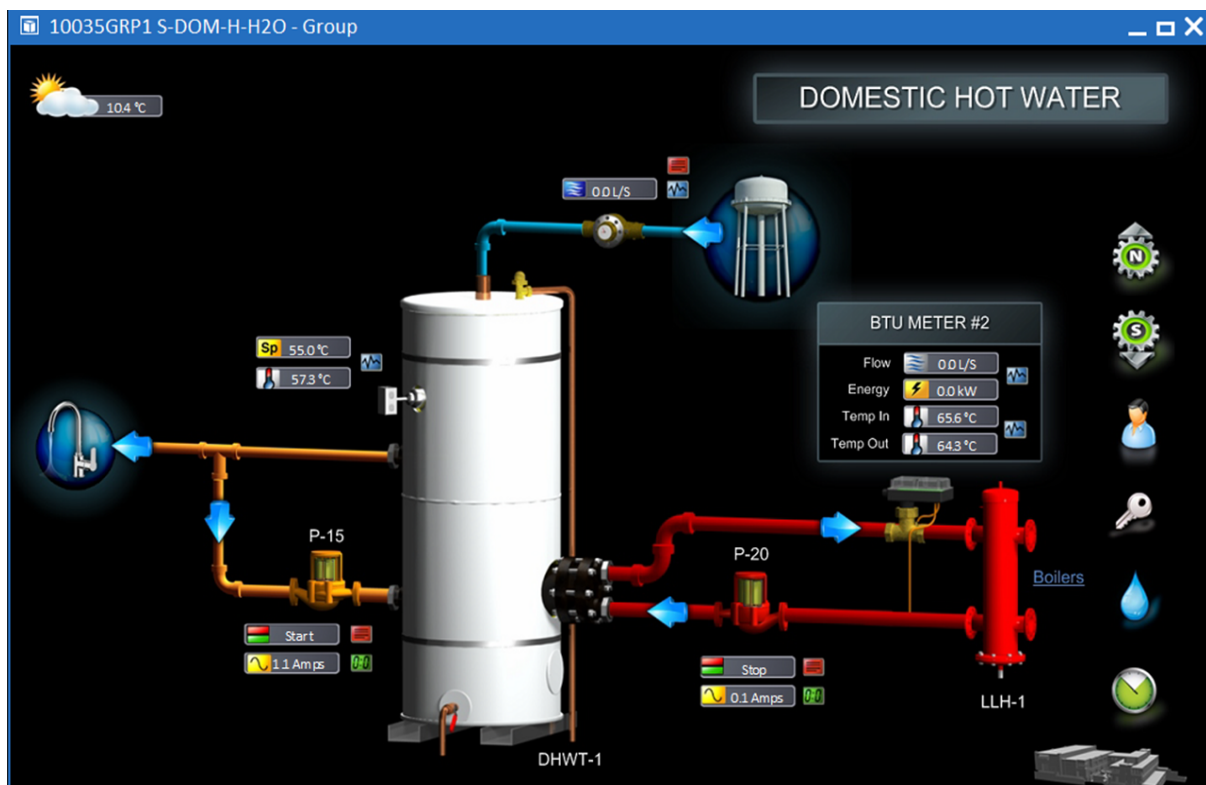
RC-ST3-S1

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

RC-ST3-S1A

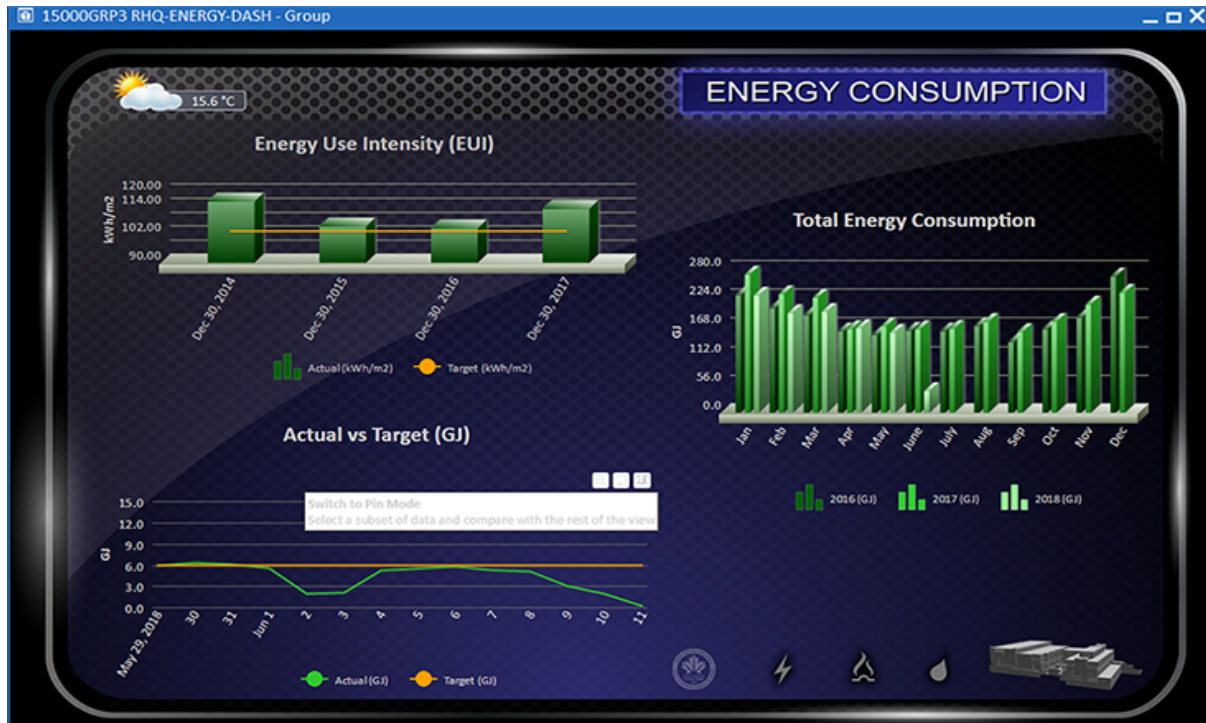
- Adds single workstation to existing license (must have previously purchased RC-ST3-S1).

SCREEN CAPTURES



System Group with Equipment Components

SCREEN CAPTURES

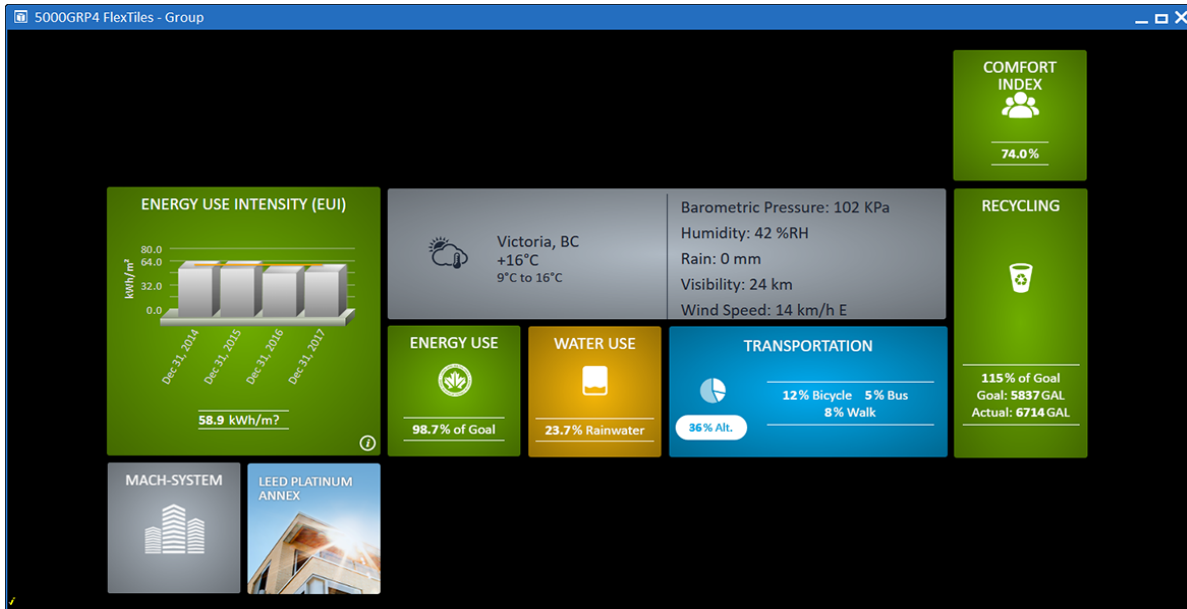


System Group with RC-Reporter Components

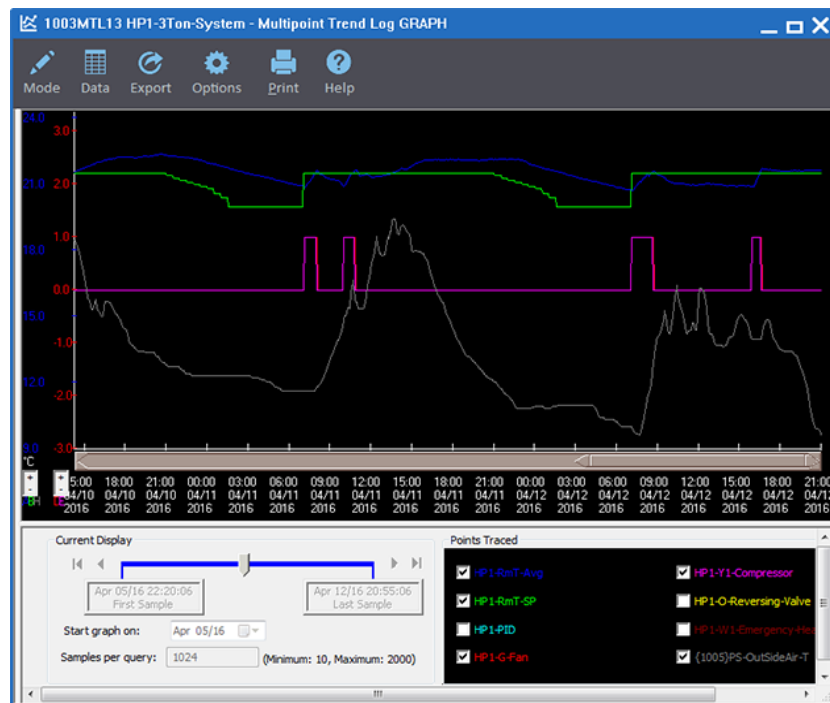


System Group with IFDD FlexTile

SCREEN CAPTURES

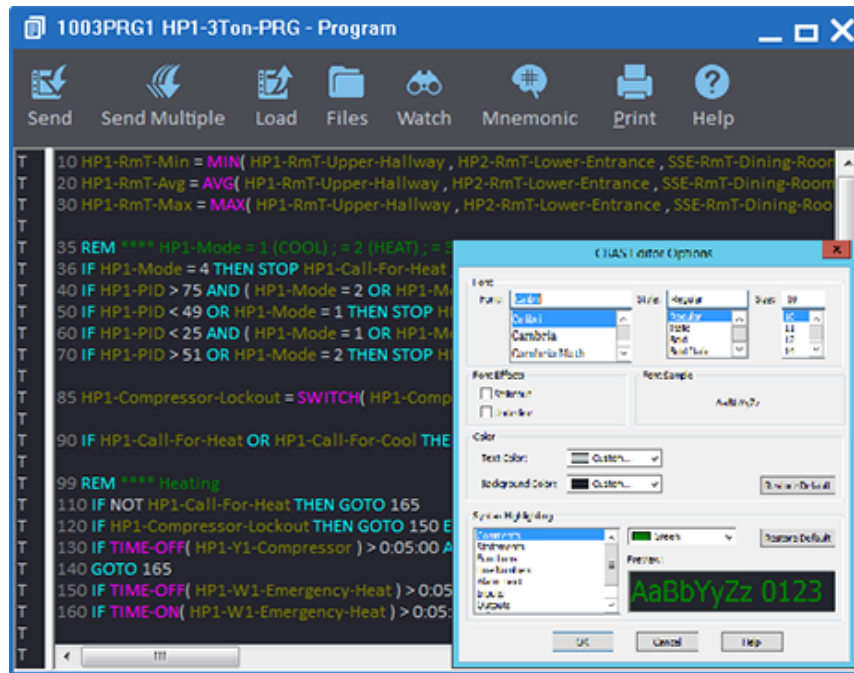


System Group with Dashboard FlexTiles

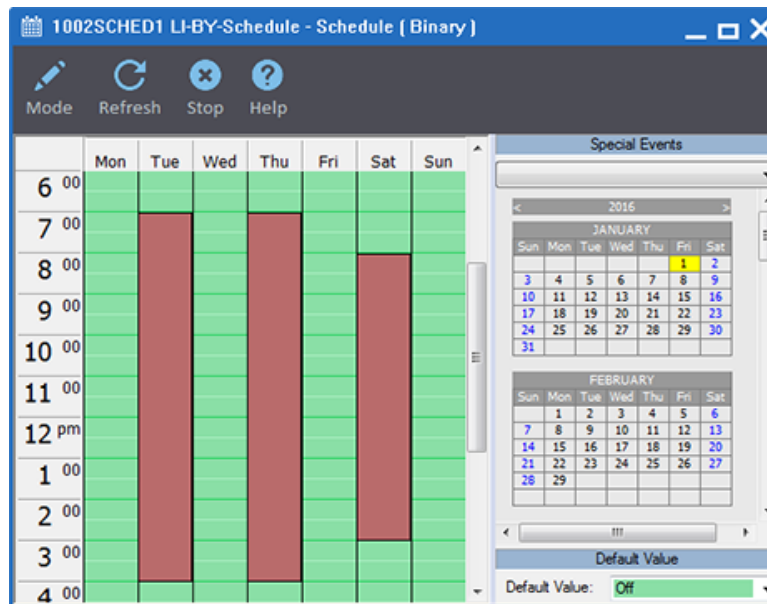


Multipoint Trend Log

SCREEN CAPTURES

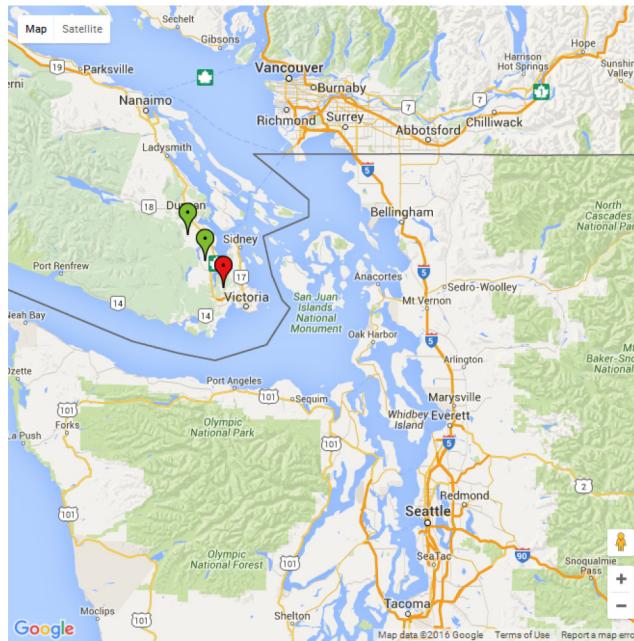


Program code



Schedule

SCREEN CAPTURES



System Group with Google Map

Dealer Information:

SERV^{ALL}
Specializing in Building Performance

SERV-ALL Mechanical Services Ltd.
1.877.824.6933 | SERV-ALL.ca