

Viewing Programs in WebView

- 1 Navigate to the WebView System Tree using the link on the top left of the navigation tree pane.

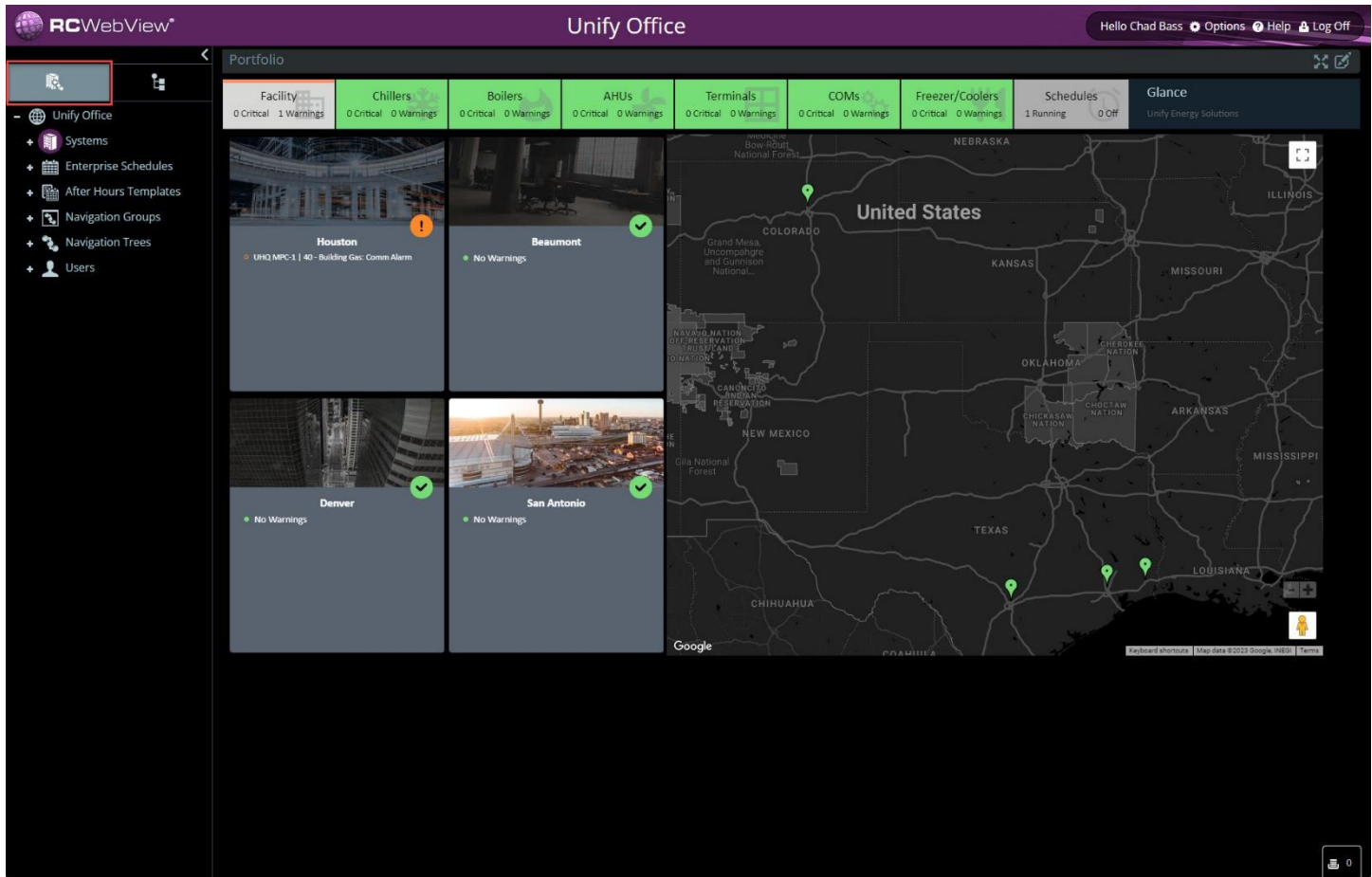


Figure 1 System Tree

2 Once the system tree is displayed expand systems then expand the system that the equipment you are working with is in.

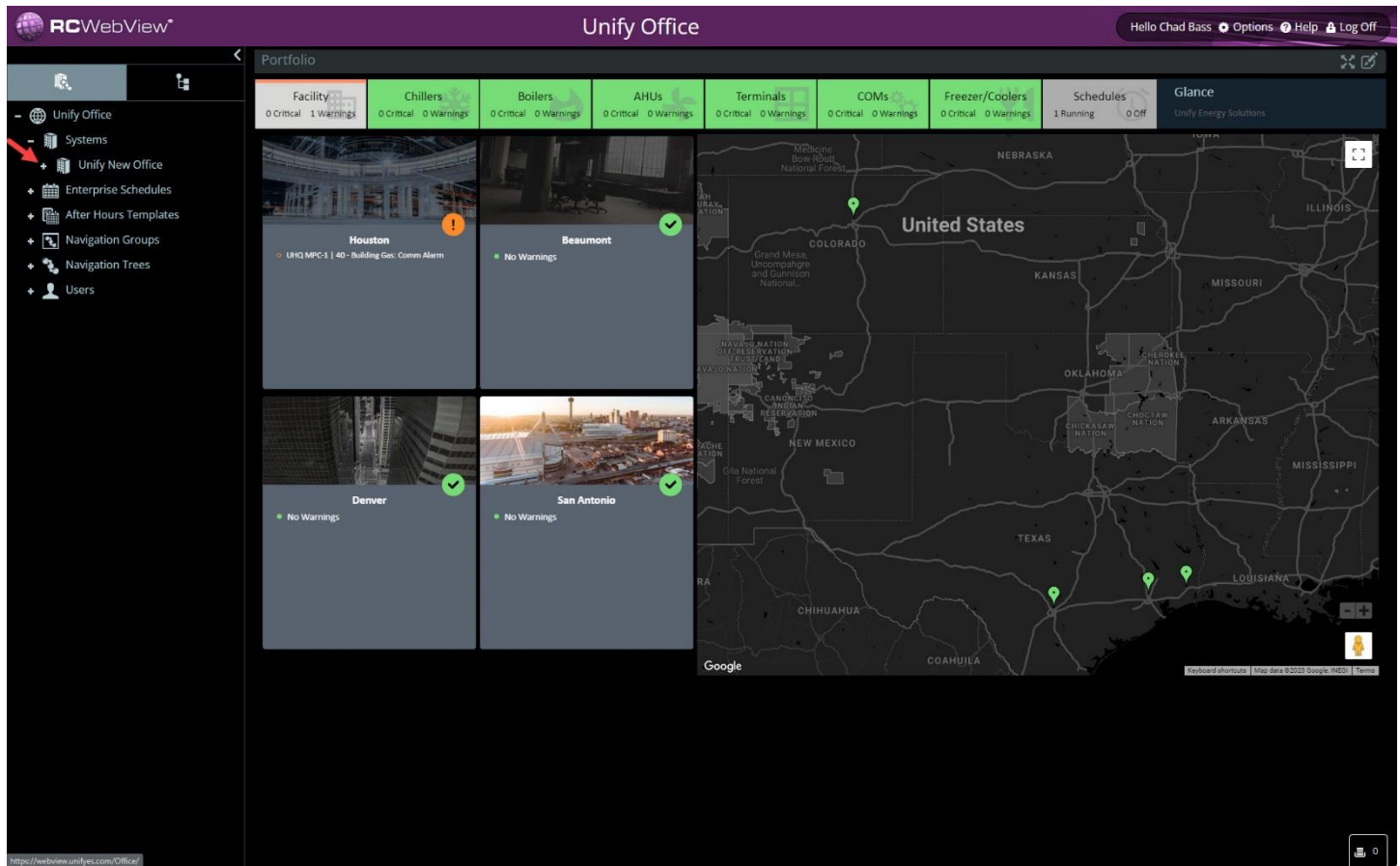


Figure 2 Expand Systems

2.1 The system name can be found on the top of each system group (equipment graphic) along with the controller name, system group name and controller device ID as seen below.

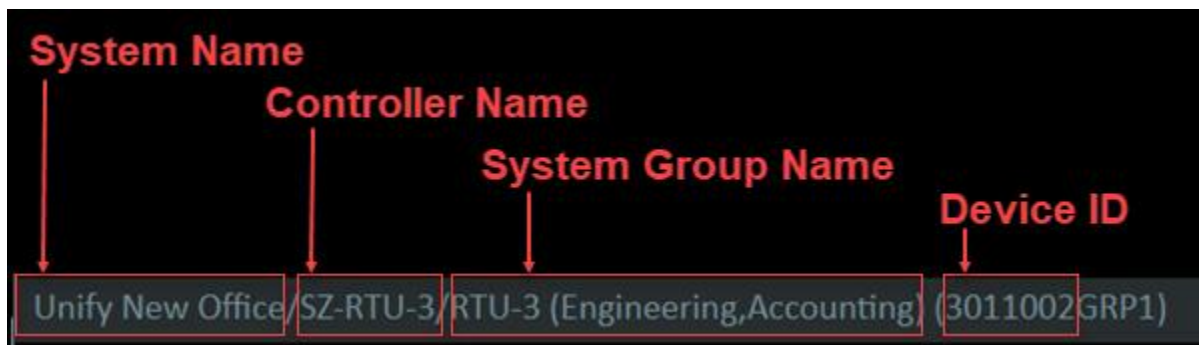


Figure 3 Information breakdown

3 With the system expanded, scroll down to the controller in the system tree that matches the device ID of the equipment being viewed.

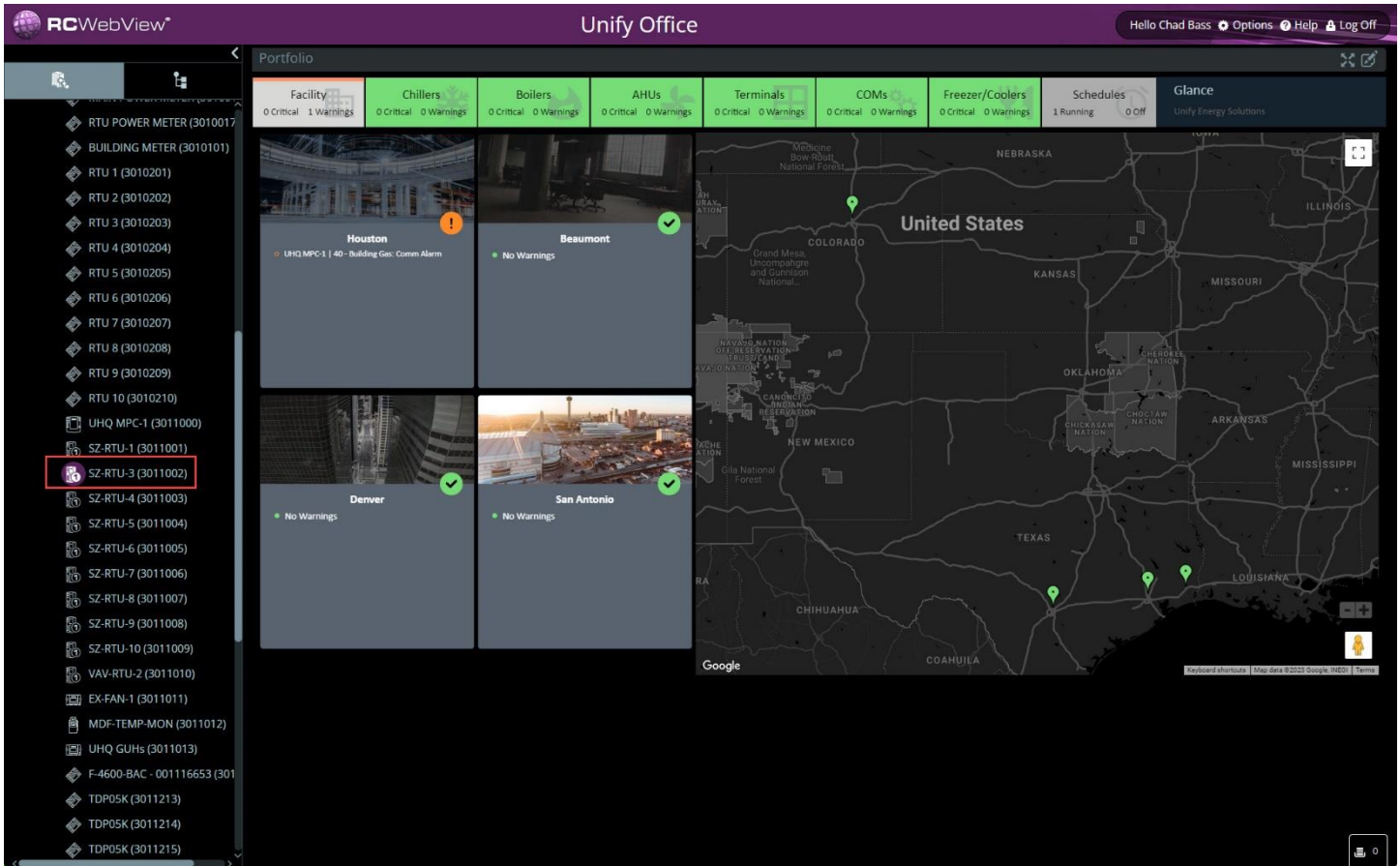


Figure 4 Controller identification

4 Left click the controller to open the Device Worksheets flyout menu.

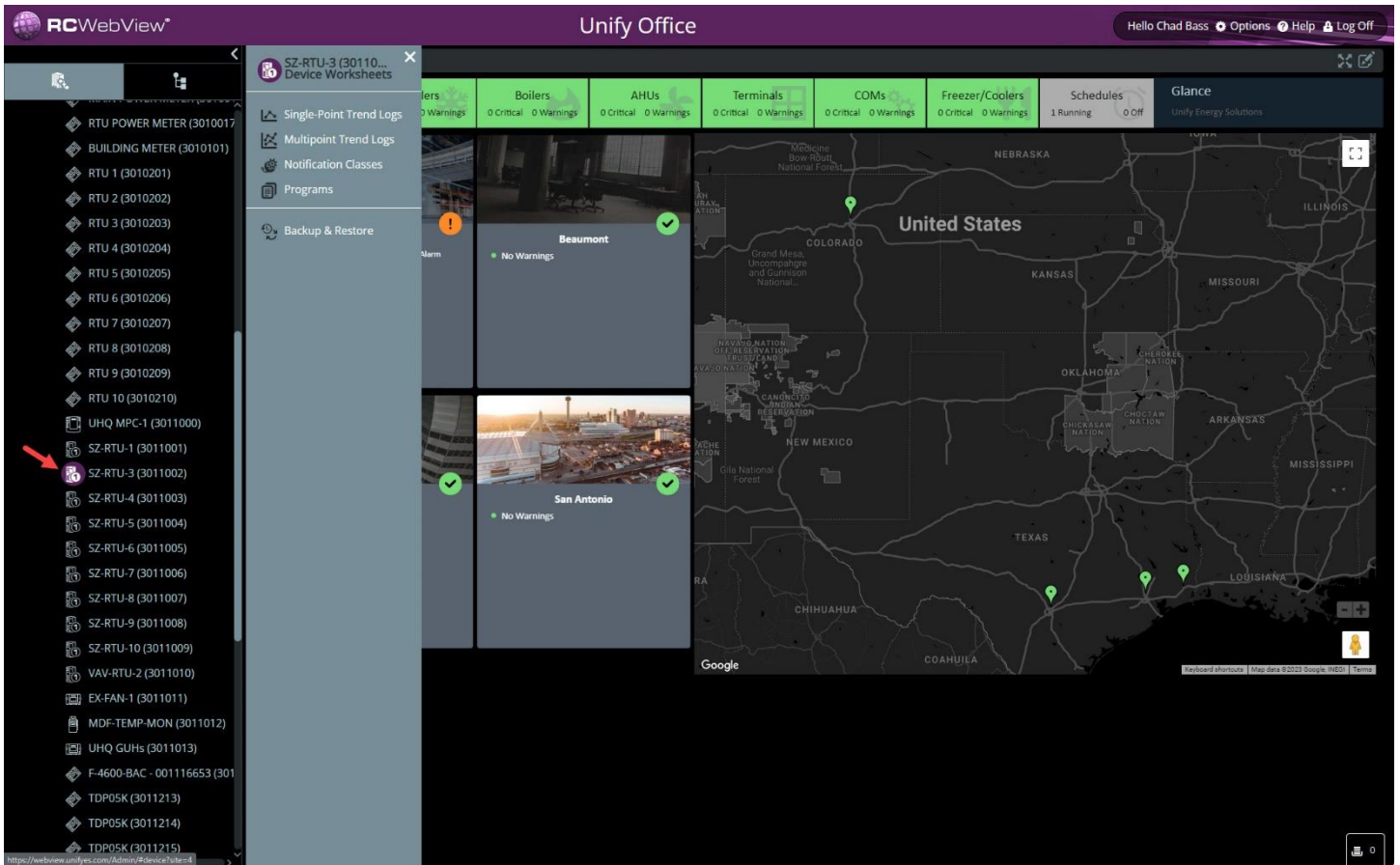


Figure 5 Device Worksheets

5 Select Programs from the Device Worksheets flyout menu.

The screenshot displays the RCWebView interface for 'Unify Office'. At the top, the user is identified as 'Hello Chad Bass' with options for 'Options', 'Help', and 'Log Off'. The main dashboard features a navigation bar with tabs for 'Warnings', 'Boilers', 'AHUs', 'Terminals', 'COMs', 'Freezer/Coolers', 'Schedules', and 'Glance'. Below this, a map of the United States shows several location markers. A flyout menu is open on the left, titled 'SZ-RTU-3 (3011002) Device Worksheets', and contains the following items: 'Single-Point Trend Logs', 'Multipoint Trend Logs', 'Notification Classes', 'Programs' (highlighted with a red arrow), and 'Backup & Restore'. Two preview cards are visible: one for 'Beaumont' with a green checkmark and 'No Warnings', and another for 'San Antonio' with a green checkmark and 'No Warnings'. The bottom of the interface shows a list of device IDs such as 'RTU POWER METER (3010017)', 'BUILDING METER (3010101)', and various 'RTU' and 'VAV' units.

Figure 6 Select Programs

5.1 Some of the Device Worksheet flyout options may not be available depending upon user account permissions.

6 The programs worksheet for that controller will appear.

The screenshot displays the RCWebView interface for the 'SZ-RTU-3 - Programs' worksheet. The sidebar on the left shows a tree view of systems under 'Unify Office', including various BACnet and VAV units. The main area contains a table of programs with the following columns: Instance, Name, Run, Auto/Manual, Size, Exit, and Description. The table lists 18 programs, all with 'Run' status and 'Auto' mode. The footer indicates the software version is 3.15.2 and provides update information.

Instance	Name	Run	Auto/Manual	Size	Exit	Description
1	F01-RTU-3-BCAST-PRG	✓	Auto	1098	No	
2	F01-RTU-3-SCHED-OCC-PRG	✓	Auto	604	No	
3	F01-RTU-3-MODE-PRG	✓	Auto	497	No	
4	F01-RTU-3-OSS-PRG	✓	Auto	2404	No	
5	F01-RTU-3-FAN-CTRL-PRG	✓	Auto	390	No	
6	F01-RTU-3-SP-COLOR-PRG	✓	Auto	1575	No	
7	F01-RTU-3-IO-SELECT-PRG	✓	Auto	789	No	
8	F01-RTU-3-HT-CL-RT-PRG	✓	Auto	1897	No	
10	F01-RTU-3-ALM-PRG	✓	Auto	3199	No	
11	F01-RTU-3-OA-CTRL-PRG	✓	Auto	987	No	
12	F01-RTU-3-POWER-LOSS-PRG	✓	Auto	55	No	
13	F01-RTU-3-ALM2-FUNC	✓	Auto	2817	No	
14	F01-RTU-3-STAGING-FUNC	✓	Auto	432	No	
15	F01-RTU-3-KW-CALC-PRG	✓	Auto	396	No	
17	F01-RTU-3-TON-PRG	✓	Auto	106	No	
18	F01-RTU-3-TREND-TRIGGER-PRG	✓	Auto	72	No	

Figure 7 Programs worksheet

7 To view a program select the blue instance number next to the program to be viewed.

The screenshot shows the RCWebView interface for 'SZ-RTU-3 - Programs'. The left sidebar lists various systems, including 'Unify Office', 'Systems', and 'Unify New Office'. The main area displays a table of programs with columns for Instance, Name, Run, Auto/Manual, Size, Exit, and Description. A red box highlights the instance number '18' for the program 'F01-RTU-3-TREND-TRIGGER-PRG'.

Instance	Name	Run	Auto/Manual	Size	Exit	Description
1	F01-RTU-3-BCAST-PRG	✓	Auto	1098	No	
2	F01-RTU-3-SCHED-OCC-PRG	✓	Auto	604	No	
3	F01-RTU-3-MODE-PRG	✓	Auto	497	No	
4	F01-RTU-3-OSS-PRG	✓	Auto	2404	No	
5	F01-RTU-3-FAN-CTRL-PRG	✓	Auto	390	No	
6	F01-RTU-3-SP-COLOR-PRG	✓	Auto	1575	No	
7	F01-RTU-3-IO-SELECT-PRG	✓	Auto	789	No	
8	F01-RTU-3-HT-CL-RT-PRG	✓	Auto	1897	No	
10	F01-RTU-3-ALM-PRG	✓	Auto	3199	No	
11	F01-RTU-3-OA-CTRL-PRG	✓	Auto	987	No	
12	F01-RTU-3-POWER-LOSS-PRG	✓	Auto	55	No	
13	F01-RTU-3-ALM2-FUNC	✓	Auto	2817	No	
14	F01-RTU-3-STAGING-FUNC	✓	Auto	432	No	
15	F01-RTU-3-KW-CALC-PRG	✓	Auto	396	No	
17	F01-RTU-3-TON-PRG	✓	Auto	106	No	
18	F01-RTU-3-TREND-TRIGGER-PRG	✓	Auto	72	No	

Figure 8 Select program

8 Once the instance number for the program is selected the program editor will display.

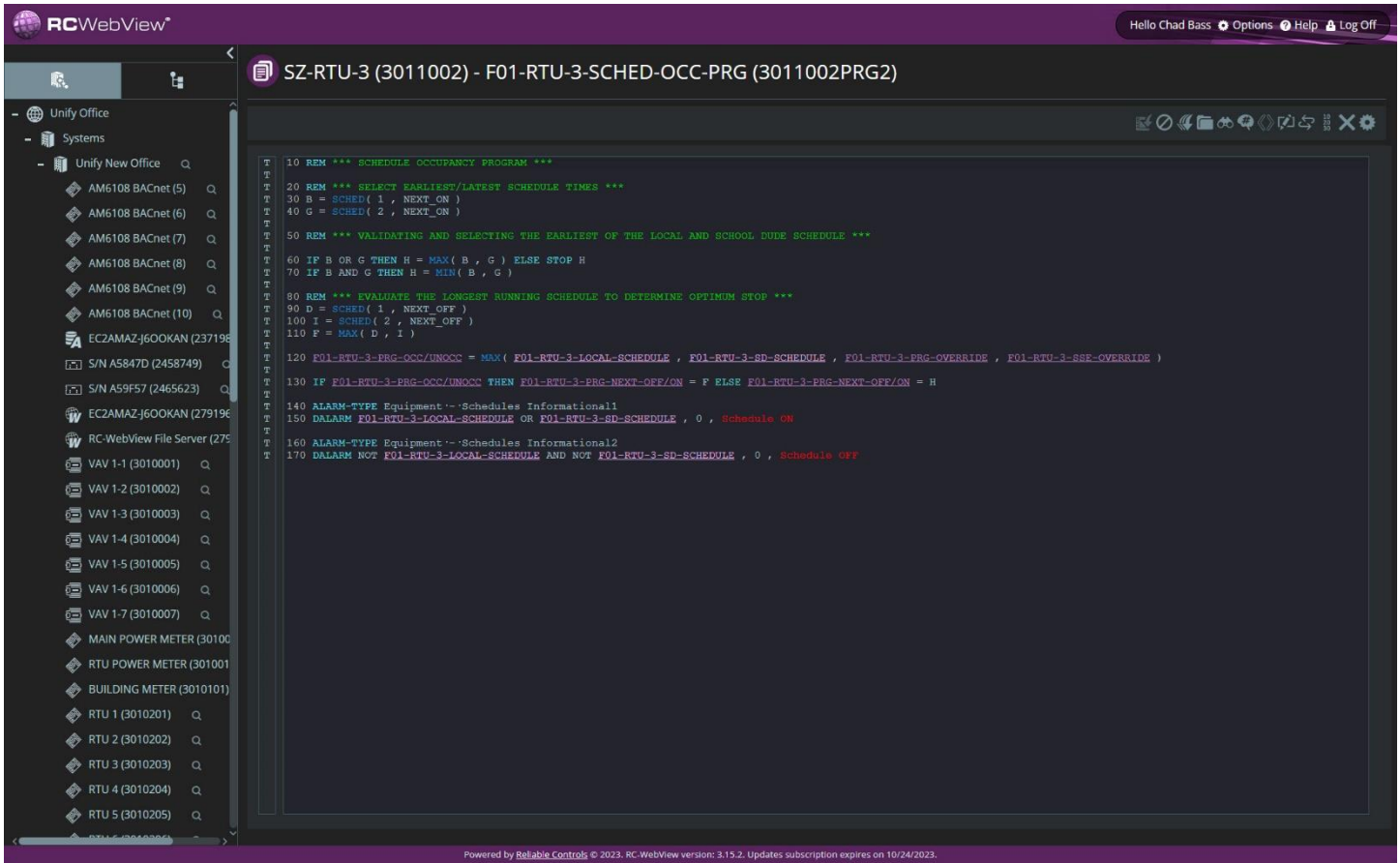


Figure 9 Program editor

8.1 See the WebView software manual available in the help menu for detailed information on Control-Basic code structure.

9 Use the program editor toolbar on the top right for editing and viewing tools.

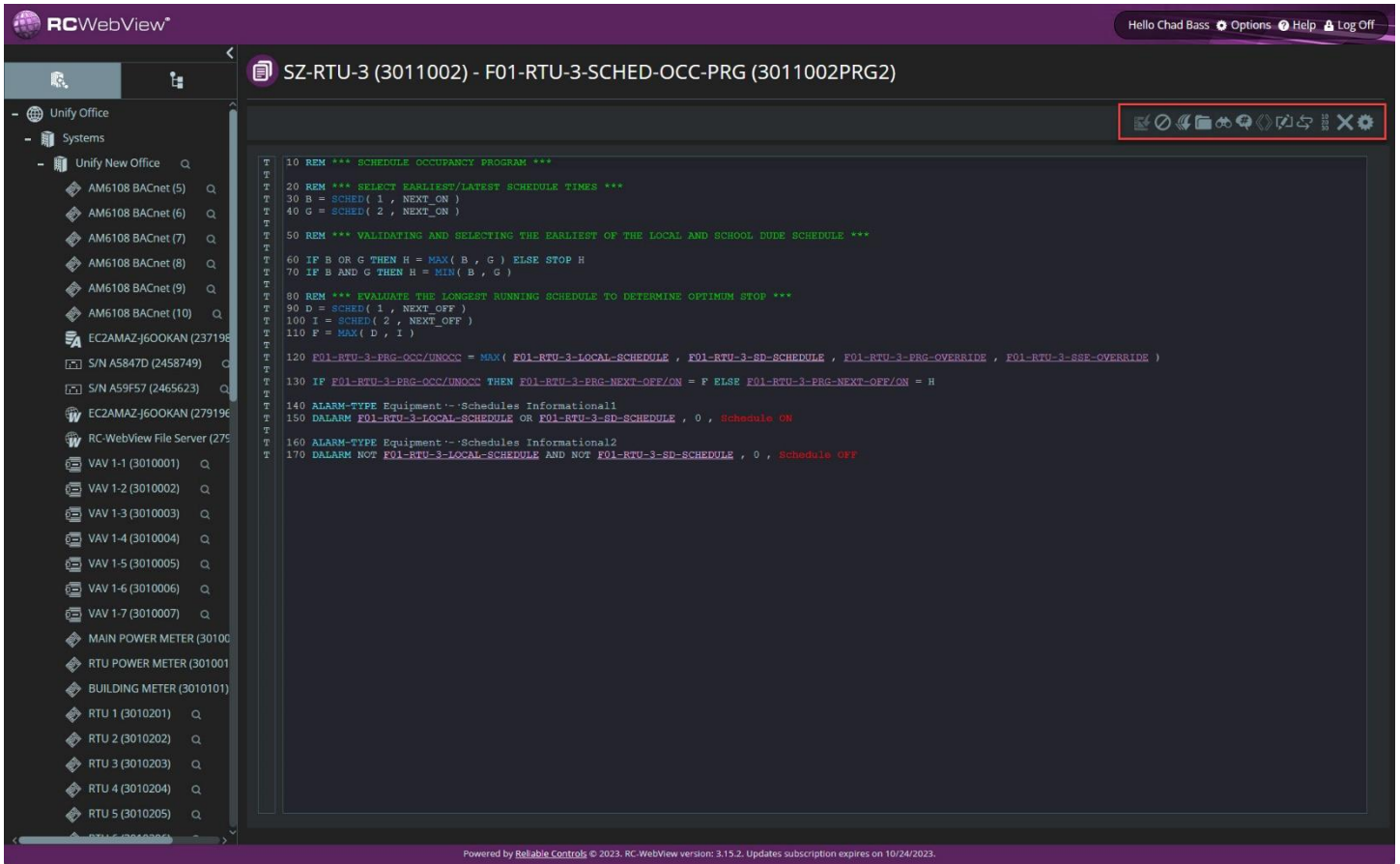


Figure 10 Program editor toolbar

9.1 Program editor toolbar buttons.













-  **Send:** Calls the compiler to compile the currently displayed program, and turns red to indicate that there are code changes that have not been compiled. If the code compiles without errors, the compiled object code is sent to the controller with the message "Program Sent." If there are syntax errors or BACnet Object references that the compiler cannot identify, the compiled code is not sent to the controller, and one or more error messages are listed in the left-hand pane of the editor.
-  **Cancel:** Undoes any local changes and reloads the program from the controller to the editor.
-  **Send Multiple:** Sends the program to selected controllers.
-  **File:** Allows you to select Open or Save files:
 - **Open:** Opens a dialog box where you can select a Control-BASIC program to open in the editor.
 - **Save:** Opens a dialog box where you can select options to save the Control-BASIC program.
-  **Watch:** Toggles between Watch and Trace:
 - **Watch:** Expands the left pane of the editor to display the current values of any local program variables along with any database objects used in the program that were added to the Watch List.
 - **Trace:** Reduces the left pane of the editor to display the program execution trace. Program lines with a corresponding T were being executed prior to the last time the trace bits were cleared. Program lines with no corresponding T were not executed during the last scan because the program gave instructions to bypass these lines.
-  **Mnemonic:** Toggles the editor to display the object mnemonics or the object names.
-  **Display Values:** Toggles the editor to append the data point's present value or the time function's present value in angled brackets after each point. Present values are updated every five seconds when in Display Values mode.
-  **Disable Auto Complete:** Toggles the editor to display a dynamic listing of possible Control-BASIC functions when entering text into a program.
-  **Replace:** Displays a find and replace dialog box to replace single instances or all instances of the entered text within the program. All instances of the entered text are highlighted in the editor.
-  **Renumber:** Renumbers the line numbers of the currently displayed program in increments of 10. Any code references to specific line numbers are also updated.
-  **Clear Trace:** Clears the currently displayed trace bits, and loads the trace bits from the most recent scan of the object code in the controller.
-  **Options:** Opens the **Options** dialog box for the Program Editor.

Figure 11 Toolbar button detail from the WebView software manual

9.1.1 Some of the program editor toolbar options may not be available depending upon user account permissions.

9.1.2 See the WebView software manual available in the help menu for detailed information on each toolbar button.

10 To return to the program's worksheet use the browser back arrow.