

Engaging Possibilities



Welcome!

APOGEE Field Panel Web Server Training and Demo Site

Siemens Industry, Inc., Building Technologies

APOGEE

Field Panel Web Server and Kiosk demo site training

SIEMENS

FPWeb UI	Kiosk
Features overview	Features Overview
Log-in	Log-in
Navigation	Graphics / Dashboards
Applications (graphics, trends, alarms, schedules, reports)	Application MC
Create/Edit	
Configure System	

Key features of Field Panel Web Server UI



<p>Web Server Graphics with FIN Builder Tool 3D graphical display control of building status with dashboard to snap together components</p>	<p>Alarm Management (Free) Detailed overview of alarms and fault conditions with alarm notification to cell phones and e-mail</p>	<p>Scheduler (Free) Common programming of all time and date controlled building functions</p>	<p>PPCL Programming with Assist (Free) Complete end-user access to editing devices, objects, and programs in a browser</p>
<p>Trend Viewer (Free) Easy analysis of trend data to optimize operation</p>	<p>Reporting (Free) Build and view status reports for all system components</p>	<p>Web Access (Free) Secure web access to view, control and configure your system from anywhere</p>	<p>Controller and System Configuration (Free) Controller and System Configuration Tools with easy to use web page interface</p>

FPWEB UI

- Free tools (no license)
- Supports LaunchPad and Browser

Field Panel Web Server and Kiosk demo site training

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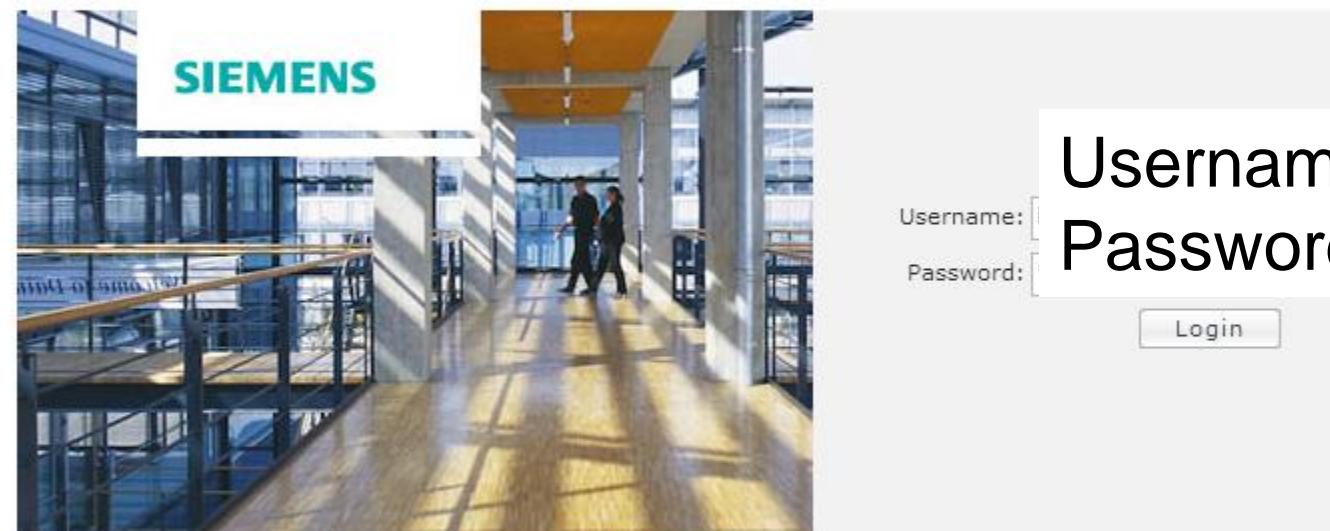
Select Web Browser and enter IP address or node name if DNS Server enabled

Demo Field Panel Web Server in Buffalo Grove

Enter below IP address into browser: Internet Explorer 10, FireFox, Chrome, Safari
Requires Adobe Flash

<http://194.138.216.36/wsroot/index.html>

Enter Username and Password

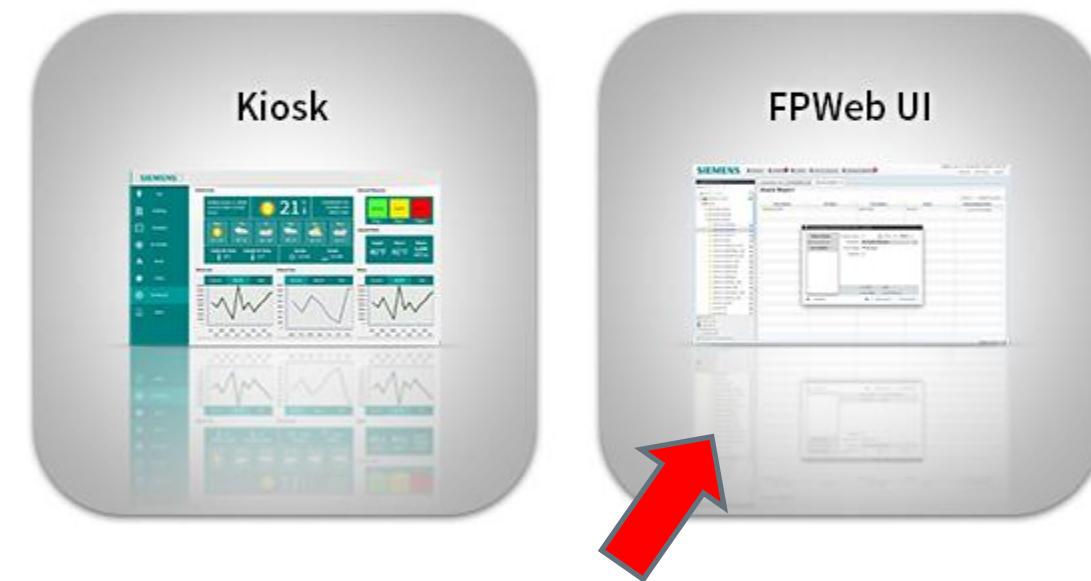


Note: above log-in user account provides read and command access. To preserve system settings, configuration and editing is restricted.

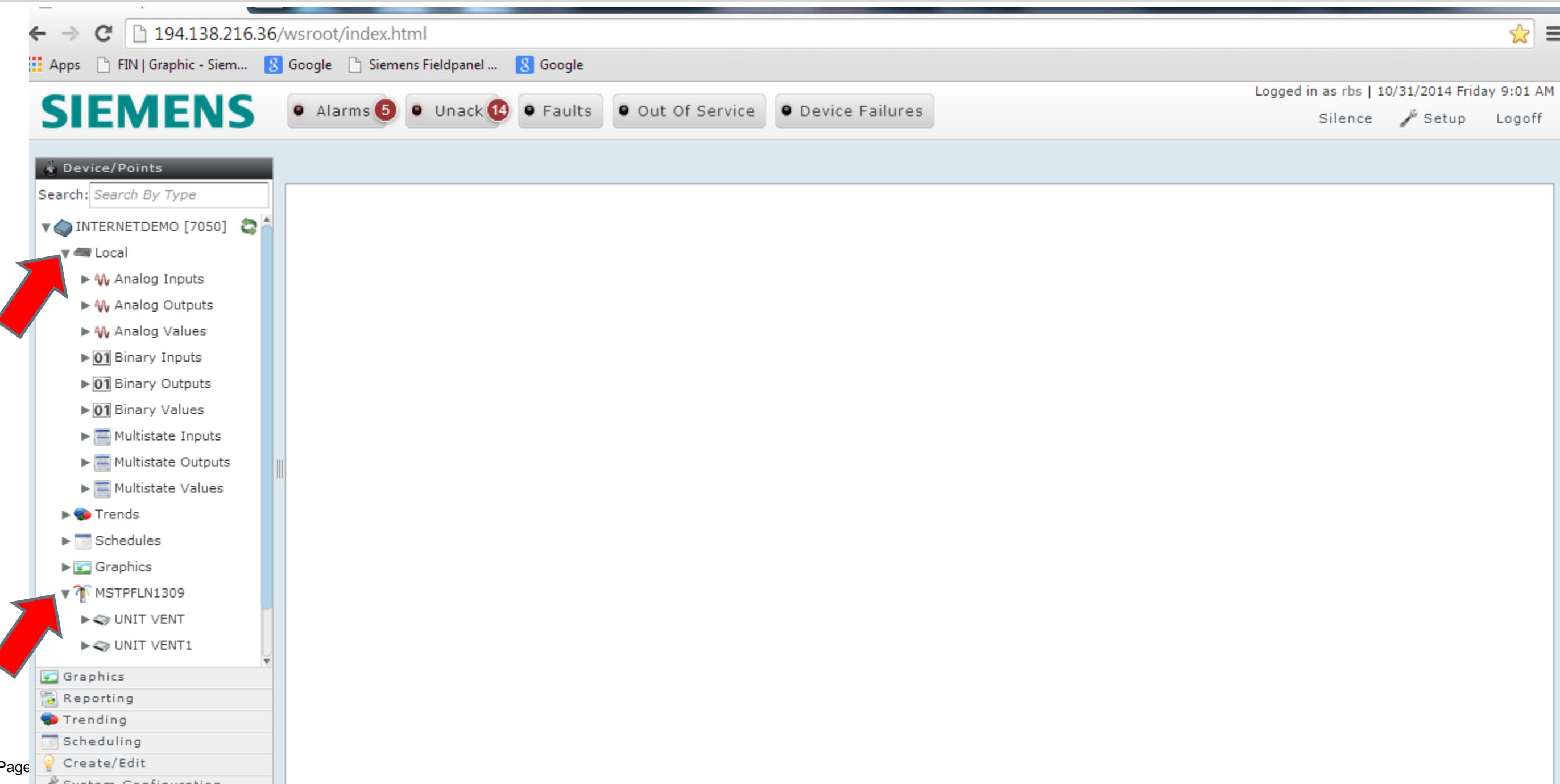
Field Panel Web Server and Kiosk demo site training

FPWeb UI	Kiosk
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Select FPWeb UI for Editing and Configuration



Select arrows on system navigation menu to expand options and see additional information



Field Panel Web Server and Kiosk demo site training

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Features overview	Features Overview
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Create/Edit	
Configure System	

Select trend log to view trend history

The screenshot shows the Siemens Fieldpanel software interface. On the left, there's a navigation sidebar with sections like 'Device/Points', 'Trends' (which is currently selected), and 'System Configuration'. A red arrow points to the 'Trends' section. The main area displays a 3D bar chart titled 'AIR VOLUMETrend' with a single bar at value 1.00. The Y-axis ranges from 0.90 to 1.10, and the X-axis shows times 08:50, 08:55, and 09:00. To the right of the chart are controls for 'Dynamic' mode and a 'Sample rate' of 15 seconds. Red arrows point to these controls. Below the chart, text says 'Hover over graph to see values.' In the top right corner, there's a status bar with 'Logged in as rbs | 10/31/2014 Friday 9:02 AM' and links for 'Silence', 'Setup', and 'Logoff'.

194.138.216.36/wsroot/index.html

Apps FIN | Graphic - Siem... Google Siemens Fieldpanel ... Google

SIEMENS Alarms 6 Unack 14 Faults Out Of Service Device Failures

Logged in as rbs | 10/31/2014 Friday 9:02 AM Silence Setup Logoff

Device/Points

Search: Search By Type

INTERNETDEMO [7050]

- Local
 - Analog Inputs
 - Analog Outputs
 - Analog Values
 - Binary Inputs
 - Binary Outputs
 - Binary Values
 - Multistate Inputs
 - Multistate Outputs
 - Multistate Values
- Trends
 - AIR VOLUMETrend
 - SUPPLY TEMPTrend
 - Schedules
 - Graphics
 - MSTPFLN1309

Graphics Reporting Trending Scheduling Create/Edit System Configuration

AIR VOLUMETrend

Data

Dynamic Sample rate: 15 seconds

Export to CSV Print

1.10

1.05

1.00

0.95

0.90

0 08:50 08:55 09:00

AIR VOLUMETrend

Select dynamic for updates and select update rate

Hover over graph to see values.

Select trend log to view trend history

The screenshot shows the Siemens Fieldpanel software interface. On the left, there's a navigation tree under 'Device/Points' for 'INTERNETDEMO [7050]'. The 'Trends' section is expanded, with 'AIR VOLUMETrend' selected. The main area displays a 3D bar chart for 'AIR VOLUMETrend' from 08:50 to 09:00. The Y-axis ranges from 0.90 to 1.10. A red arrow points to the '1' in a dropdown menu next to the chart title. Another red arrow points to the time sliders at the bottom of the chart. A third red arrow points to the '0' in a dropdown menu at the bottom left of the chart area. A text overlay 'Select and change data range' is positioned over the first two arrows, and another text overlay 'Change time sample range with sliders' is positioned over the second and third arrows.

194.138.216.36/wsroot/index.html

Apps FIN | Graphic - Siem... Google Siemens Fieldpanel ... Google

Logged in as rbs | 10/31/2014 Friday 9:02 AM

Silence Setup Logoff

SIEMENS

Alarms 6 Unack 14 Faults Out Of Service Device Failures

Device/Points

Search: Search By Type

INTERNETDEMO [7050]

- Local
 - Analog Inputs
 - Analog Outputs
 - Analog Values
 - Binary Inputs
 - Binary Outputs
 - Binary Values
 - Multistate Inputs
 - Multistate Outputs
 - Multistate Values
- Trends
 - AIR VOLUMETrend
 - SUPPLY TEMPTrend
 - Schedules
 - Graphics
 - MSTPFLN1309
- Graphics
- Reporting
- Trending
- Scheduling
- Create/Edit
- System Configuration

AIR VOLUMETrend

Data

Dynamic Sample rate: 15 seconds

Export to CSV Print

1.10

1.00

0.95

0.90

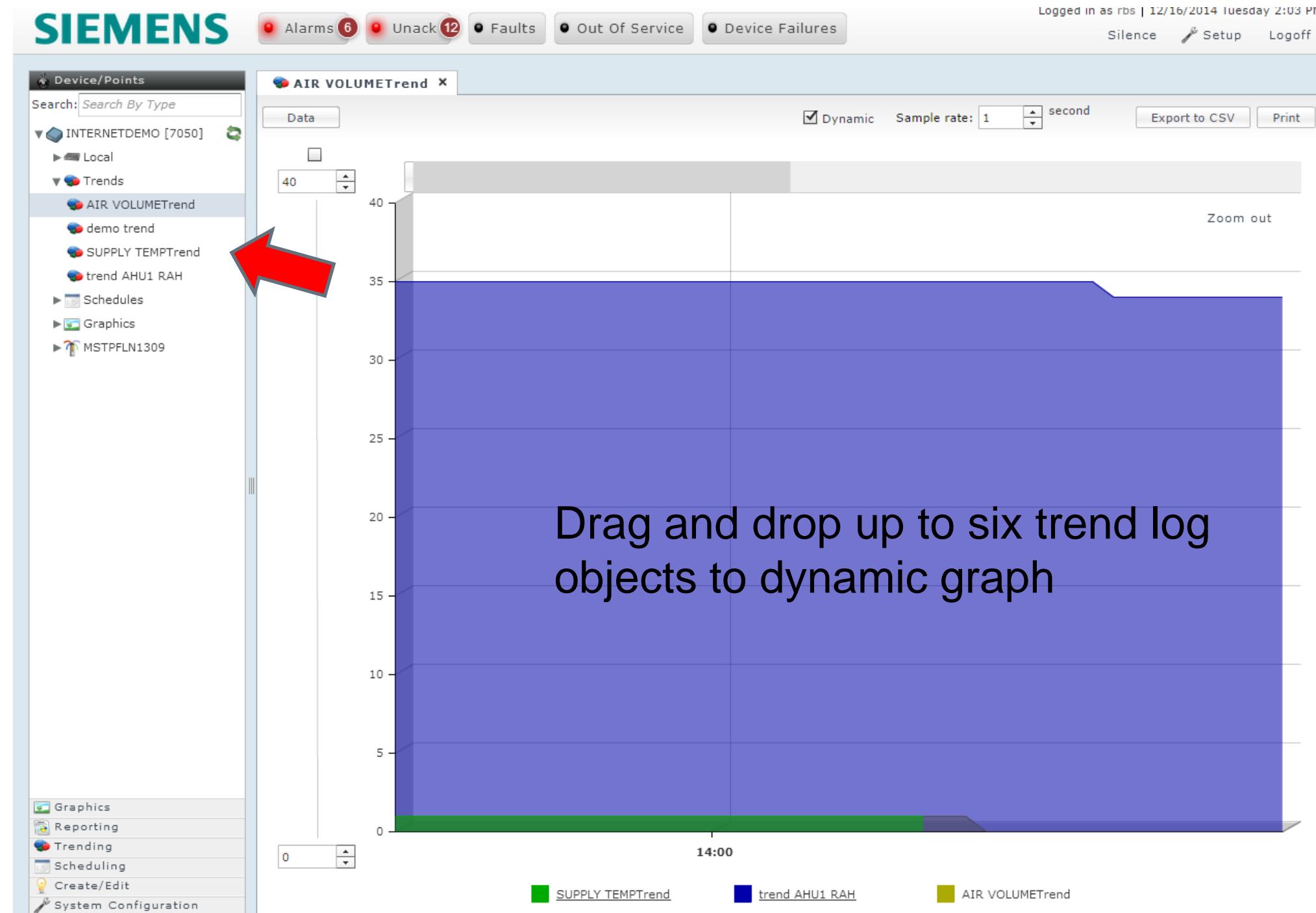
08:50 08:55 09:00

0 AIR VOLUMETrend

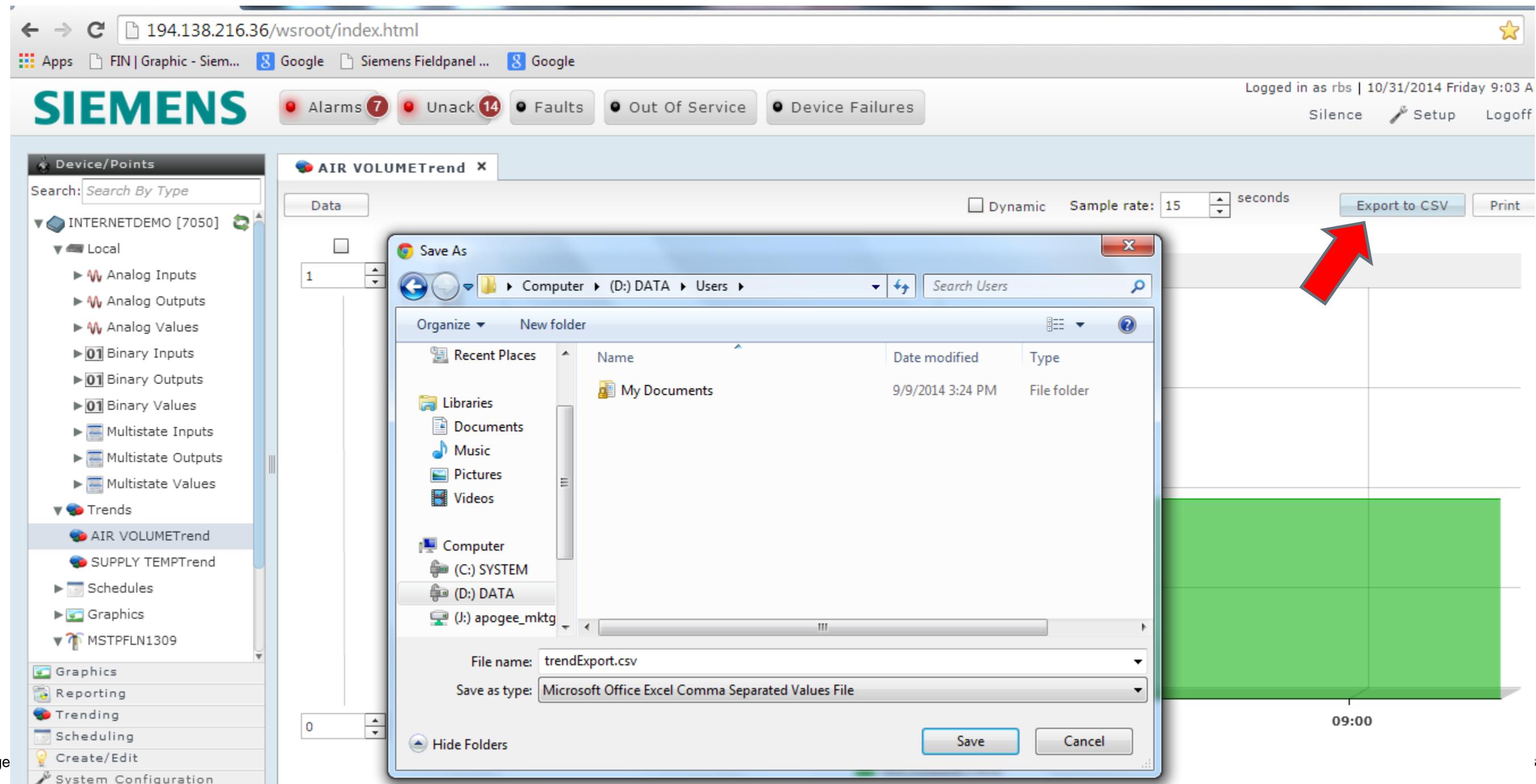
Select and change data range

Change time sample range with sliders

Select and view multiple trends at a time



Optionally select Report to CSV to load trend report onto local folder in PC or folder in networked PC



Select Schedule to View Current Schedule

Schedule
object
description
and values

The screenshot shows the Siemens SIMATIC Web Portal interface. At the top, there is a navigation bar with links for 'Apps', 'FIN | Graphic - Siem...', 'Google', and 'Siemens Fieldpanel ...'. The top right corner shows the user is logged in as 'rbs' on '10/31/2014 Friday 9:04 AM' with options for 'Silence', 'Setup', and 'Logoff'.

The main content area features a 'SIEMENS' logo and several status indicators: 'Alarms 7', 'Unack 14', 'Faults', 'Out Of Service', and 'Device Failures'. Below this, a 'Monthly view' section for 'October, 2014' is displayed. The month grid shows days from Sunday to Saturday, each with a 24-hour schedule. Green boxes indicate active periods, such as 07:00 AM to 10:00 PM. Red arrows point to two specific areas: one to the 'BLDG1000_Chiller (17,2)' object description on the left, and another to the monthly calendar below it.

Object Description:

BLDG1000_Chiller (17,2)
Type: Unsigned
Desc.: CHW Schedule
Present Value: 2
Default Value: 0
Priority: 0
Reliability: No Fault Detected
Status:
Out Of Service: No
Period: /*/* - /*/*

Calendar:

S	M	T	W	T	F	S
				1	2	3
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

Objects Table:

Name	Value
BLDG1000_CHW	ON

View Schedule in month, week, work week, or daily views

The screenshot shows the Siemens Fieldpanel software interface. At the top, there's a navigation bar with icons for back, forward, search, and other functions. Below it is a toolbar with buttons for Alarms (7), Unack (14), Faults, Out Of Service, and Device Failures. On the right, it shows the user is logged in as rbs on 10/31/2014 at 9:04 AM, with options for Silence, Setup, and Logo.

The main area has a title bar "AIR VOLUMETrend" and "BLDG1000_Chille...". A large red arrow points to the "Weekly" tab in a navigation bar above a calendar grid. The grid displays the week from October 26 to November 1, 2014, with time slots from 08 am to 02 pm. Most time slots are filled with green bars, indicating active scheduled events. A second red arrow points to the "Objects" section on the left, which lists "Reporting", "Trending", "Scheduling", "Create/Edit", and "System Configuration".

Objects in schedule and value

Weekly view

Objects

Name	Value
BLDG1000_CHW	ON

Page 1

View Schedule in daily views

The screenshot shows the Siemens SIMATIC Web Portal interface. The title bar indicates the URL is 194.138.216.36/wsroot/index.html. The top navigation bar includes links for Apps, FIN | Graphic - Siem..., Google, Siemens Fieldpanel..., Google, and a star icon. On the right, it shows the user is logged in as rbs on 10/31/2014 at 9:06 AM, with options for Silence, Setup, and Logout.

The main content area features a large green rectangular overlay covering most of the schedule grid. The title "Daily view" is displayed prominently in the upper right corner of this overlay. Below the title, the date "Friday, October 31, 2014" is shown, with a red arrow pointing to the "Day" tab in the navigation bar above it. The navigation bar also includes tabs for Today, Day, Work Week, Week, and Month.

To the left of the main content, there is a sidebar with various navigation links: Device/Points, Graphics, Reporting, Trending, Scheduling (which is selected), INTERNETDEMO [7050] (expanded to show BLDG1000_AHU01_Combobj, BLDG1000_CHW_COMOBJ, BLDG1000_HWS_COMOBJ, BLDG1000_AHU01_Daily, BLDG1000_Chiller, and HOT Water System), Objects, Create/Edit, and System Configuration.

The central panel displays detailed information about the object "BLDG1000_Chiller (17,2)". It shows the type is Unsigned, description is CHW Schedule, present value is 2, default value is 0, priority is 0, reliability is No Fault Detected, and status is Out Of Service: No. The period is listed as */** - */**. Below this is a calendar for October 2014, with the 31st highlighted. At the bottom of the panel, there is a table titled "Objects" with columns for Name and Value, showing BLDG1000_CHW with a value of ON.

Select Point Log Report to view Reports

The screenshot shows the SIMATIC Web interface for a Siemens system. At the top, there's a navigation bar with icons for back, forward, search, and other functions. The URL in the address bar is 194.138.216.36/wsroot/index.html. Below the bar, there are status indicators for Alarms (8), Unack (14), Faults, Out Of Service, and Device Failures. On the right, it says "Logged in as rbs | 10/31/2014 Friday 9:05 AM" with links for Silence, Setup, and Logoff.

The main content area has a "SIEMENS" logo at the top left. To its right are tabs for "AIR VOLUMETrend", "BLDG1000_Chiller (17,2)", and "Point Log Report". The "Point Log Report" tab is active. A red arrow points to the "Reporting" icon in the left sidebar. Another red arrow points to the "Point Log Report" icon in the center-left panel.

The "Point Log Report" window contains a search bar with fields for "Panels: ALL", "Name: *;*", "Type: ALL", and a "Search MS/TP" checkbox. Below the search bar are "Status Filters" for In-Alarm, Fault, Out Of Service, Overridden, and Unack. Alarm. There are "Print" and "Export to CSV" buttons at the top right of the results table.

The results table has columns: Panel, Point Name, Point Description, Value/State, Status, and Priority. The table lists various points from the INTERNETD panel, such as !INTERNETDEMO:Address, !INTERNETDEMO:ALMCNT, !INTERNETDEMO:ALMCT2, !INTERNETDEMO:BATT, !INTERNETDEMO:MEMAVAIL, !INTERNETDEMO:MEMFRAG, !INTERNETDEMO:MEMLBLK, !INTERNETDEMO:TECFAULT_, !INTERNETDEMO:OOS_CNT, !INTERNETDEMO:UNACK_CNT, !INTERNETDEMO:OFFNML_CNT, !INTERNETDEMO:FAULT_CNT, !INTERNETDEMO:EEUNACK_CNT, !INTERNETDEMO:EEOFNML_CNT, and !INTERNETDEMO:EEFAULT_CNT. Most values are 0 or 1, except for some memory-related values like 46084864 and 34494980.

At the bottom left, there's a "Page" section with links for Trending, Scheduling, Create/Edit, and System Configuration. The bottom right corner shows the text "erved."

Page: [Trending](#) [Scheduling](#) [Create/Edit](#) [System Configuration](#) erved.

FPWeb UI Build: 1.3.95

Select Export to CSV to generate report to save to local folder of PC or folder of networked PC

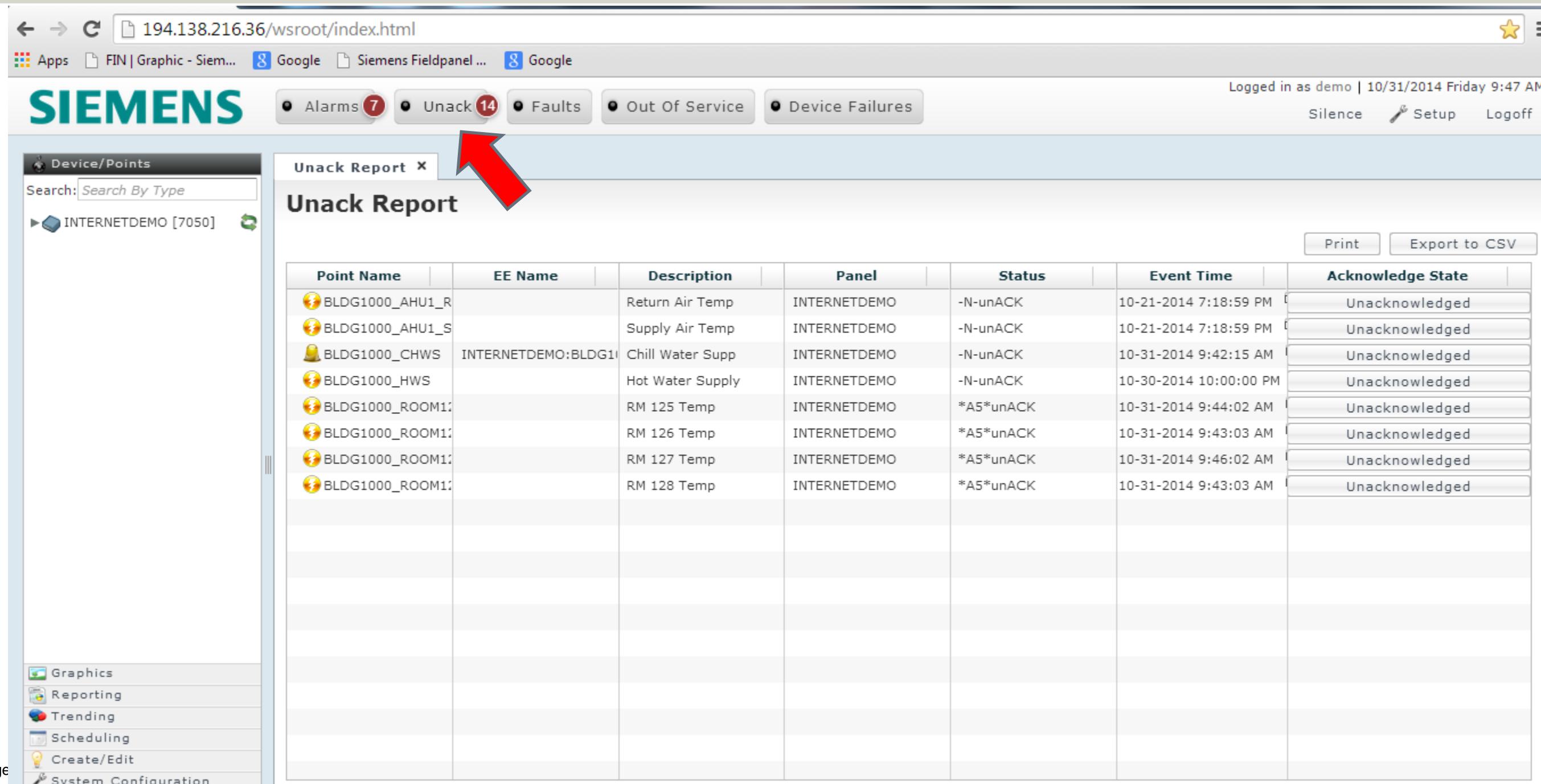
The screenshot shows the Siemens Fieldpanel software interface. At the top, there's a browser-like header with the URL 194.138.216.36/wsroot/index.html. Below it is a navigation bar with icons for Apps, FIN | Graphic - Siem..., Google, Siemens Fieldpanel ..., and another Google link. The main title 'SIEMENS' is displayed prominently. In the top center, there are four status indicators: Alarms (8), Unack (14), Faults, and Out Of Service. On the right side, it says 'Logged in as rbs | 10/31/2014 Friday 9:05 AM' and provides links for Silence, Setup, and Logoff.

The main window is titled 'Point Log Report'. It features a search bar with fields for Panels (set to ALL), Name (*:*), Type (set to ALL), and a checked checkbox for Search MS/TP. Below the search bar are status filters: In-Alarm, Fault, Out Of Service, Overridden, and Unack. Alarm. The results section is titled 'Results' and contains a table with columns: Panel, Point Name, Point Description, Value/State, Status, and Priority. The table lists various points from the INTERNETD panel, such as !INTERNETDEMO:Address, !INTERNETDEMO:ALMCNT, and !INTERNETDEMO:TECFAULT_. The 'Status' column includes a red arrow pointing to the 'Export to CSV' button in the top right corner of the grid.

Panel	Point Name	Point Description	Value/State	Status	Priority
INTERNETD	!INTERNETDEMO:Address		7050	-N-	NONE
INTERNETD	!INTERNETDEMO:ALMCNT		7	-N-	NONE
INTERNETD	!INTERNETDEMO:ALMCT2		0	-N-	NONE
INTERNETD	!INTERNETDEMO:BATT		100	-N-	BN16
INTERNETD	!INTERNETDEMO:MEMAVAIL		46084864	-N-	NONE
INTERNETD	!INTERNETDEMO:MEMFRAG		114	-N-	NONE
INTERNETD	!INTERNETDEMO:MEMLBLK		34494980	-N-	NONE
INTERNETD	!INTERNETDEMO:TECFAULT_		0	-N-	NONE
INTERNETD	!INTERNETDEMO:OOS_CNT		0	-N-	NONE
INTERNETD	!INTERNETDEMO:UNACK_CNT		12	-N-	NONE
INTERNETD	!INTERNETDEMO:OFFNML_CNT		7	-N-	NONE
INTERNETD	!INTERNETDEMO:FAULT_CNT		0	-N-	NONE
INTERNETD	!INTERNETDEMO:EEUNACK_CNT		2	-N-	NONE
INTERNETD	!INTERNETDEMO:EEOFNML_CNT		0	-N-	NONE
INTERNETD	!INTERNETDEMO:EEFAULT_CNT		0	-N-	NONE

CSV Report in standard tabular format

Unacknowledged alarms report



The screenshot shows the Siemens Fieldpanel software interface. At the top, there is a browser-style header with a back/forward button, a search bar containing '194.138.216.36/wsroot/index.html', and a star icon. Below this is a navigation bar with links for 'Apps', 'FIN | Graphic - Siem...', 'Google', 'Siemens Fieldpanel ...', and another 'Google' link. On the right side of the header, it says 'Logged in as demo | 10/31/2014 Friday 9:47 AM' and includes 'Silence', 'Setup', and 'Logoff' buttons.

The main title 'SIEMENS' is displayed prominently. Below it, a navigation bar has tabs for 'Alarms' (7), 'Unack' (14), 'Faults', 'Out Of Service', and 'Device Failures'. The 'Unack' tab is currently selected. To the right of the tabs, there are buttons for 'Print' and 'Export to CSV'.

The central area is titled 'Unack Report' and contains a table of unacknowledged alarms. The table has columns for Point Name, EE Name, Description, Panel, Status, Event Time, and Acknowledge State. The data in the table is as follows:

Point Name	EE Name	Description	Panel	Status	Event Time	Acknowledge State
BLDG1000_AHU1_R		Return Air Temp	INTERNETDEMO	-N-unACK	10-21-2014 7:18:59 PM	Unacknowledged
BLDG1000_AHU1_S		Supply Air Temp	INTERNETDEMO	-N-unACK	10-21-2014 7:18:59 PM	Unacknowledged
BLDG1000_CHWS	INTERNETDEMO:BLDG1	Chill Water Supp	INTERNETDEMO	-N-unACK	10-31-2014 9:42:15 AM	Unacknowledged
BLDG1000_HWS		Hot Water Supply	INTERNETDEMO	-N-unACK	10-30-2014 10:00:00 PM	Unacknowledged
BLDG1000_ROOM1:		RM 125 Temp	INTERNETDEMO	*A5*unACK	10-31-2014 9:44:02 AM	Unacknowledged
BLDG1000_ROOM1:		RM 126 Temp	INTERNETDEMO	*A5*unACK	10-31-2014 9:43:03 AM	Unacknowledged
BLDG1000_ROOM1:		RM 127 Temp	INTERNETDEMO	*A5*unACK	10-31-2014 9:46:02 AM	Unacknowledged
BLDG1000_ROOM1:		RM 128 Temp	INTERNETDEMO	*A5*unACK	10-31-2014 9:43:03 AM	Unacknowledged

On the left side, there is a sidebar with icons for 'Device/Points', 'Graphics', 'Reporting', 'Trending', 'Scheduling', 'Create/Edit', and 'System Configuration'. The 'Device/Points' section shows a search bar and a list with 'INTERNETDEMO [7050]' and a green refresh icon. The bottom of the sidebar has a 'Page' indicator and a 'erved.' watermark.

Unacknowledged alarms report

The screenshot shows the Siemens Fieldpanel software interface. At the top, there is a browser-like header with the URL 194.138.216.36/wsroot/index.html. Below the header, the Siemens logo is displayed, followed by navigation tabs: Alarms (7), Unack (14), Faults, Out Of Service, and Device Failures. On the right side of the header, it says "Logged in as demo | 10/31/2014 Friday 9:47 AM" and includes links for Silence, Setup, and Logoff.

The main content area is titled "Unack Report". It contains a table with the following columns: Point Name, EE Name, Description, Panel, Status, Event Time, and Acknowledge State. The table lists several unacknowledged alarms:

Point Name	EE Name	Description	Panel	Status	Event Time	Acknowledge State
BLDG1000_AHU1_R		Return Air Temp	INTERNETDEMO	-N-unACK	10-21-2014 7:18:59 PM	Unacknowledged
BLDG1000_AHU1_S		Supply Air Temp	INTERNETDEMO	-N-unACK	10-21-2014 7:18:59 PM	Unacknowledged
BLDG1000_CHWS	INTERNETDEMO:BLDG1000	Chill Water Supp	INTERNETDEMO	-N-unACK	10-31-2014 9:42:15 AM	Unacknowledged
BLDG1000_HWS		Hot Water Supply	INTERNETDEMO	-N-unACK	10-30-2014 10:00:00 PM	Unacknowledged
BLDG1000_ROOM12		RM 125 Temp	INTERNETDEMO	*A5*unACK	10-31-2014 9:44:02 AM	Unacknowledged
BLDG1000_ROOM12		RM 126 Temp	INTERNETDEMO	*A5*unACK	10-31-2014 9:43:03 AM	Unacknowledged
BLDG1000_ROOM12		RM 127 Temp	INTERNETDEMO	*A5*unACK	10-31-2014 9:46:02 AM	Acknowledged
BLDG1000_ROOM12		RM 128 Temp	INTERNETDEMO	*A5*unACK	10-31-2014 9:43:03 AM	Unacknowledged

At the bottom left, there is a sidebar with icons for Graphics, Reporting, Trending, Scheduling, Create/Edit, and System Configuration. The text "Select and acknowledge alarms" is overlaid on the left side of the screen, pointing towards the sidebar.

Select Print to print report

The screenshot shows the Siemens Fieldpanel software interface. At the top, there is a browser-like header with the URL 194.138.216.36/wsroot/index.html. Below the header, the Siemens logo is displayed, along with navigation links for Apps, FIN | Graphic - Siem..., Google, Siemens Fieldpanel ..., and Google. The status bar indicates "Logged in as demo | 10/31/2014 Friday 9:48 AM" and provides links for Silence, Setup, and Logoff.

The main window displays the "Unack Report" table. The table has columns for Point Name, EE Name, Description, Panel, Status, Event Time, and Acknowledged State. The "Acknowledged State" column contains several rows, with the second row highlighted in blue. A red arrow points to the "Print" button located in the top right corner of the table's header area.

Point Name	EE Name	Description	Panel	Status	Event Time	Acknowledged State
BLDG1000_ROOM1		RM 125 Temp	INTERNETDEMO	*A5*unACK	10-31-2014 9:44:02 AM	Unacknowledged
BLDG1000_ROOM1		RM 127 Temp	INTERNETDEMO	*A5*unACK	10-31-2014 9:46:02 AM	Acknowledged
BLDG1000_ROOM1		RM 126 Temp	INTERNETDEMO	*A5*unACK	10-31-2014 9:43:03 AM	Unacknowledged
BLDG1000_ROOM1		RM 128 Temp	INTERNETDEMO	*A5*unACK	10-31-2014 9:43:03 AM	Unacknowledged
BLDG1000_CHWS	INTERNETDEMO:BLDG1	Chill Water Supp	INTERNETDEMO	-N-unACK	10-31-2014 9:42:15 AM	Unacknowledged
BLDG1000_HWS		Hot Water Supply	INTERNETDEMO	-N-unACK	10-30-2014 10:00:00 PM	Unacknowledged
BLDG1000_AHU1_S		Supply Air Temp	INTERNETDEMO	-N-unACK	10-21-2014 7:18:59 PM	Unacknowledged
BLDG1000_AHU1_R		Return Air Temp	INTERNETDEMO	-N-unACK	10-21-2014 7:18:59 PM	Unacknowledged

On the left side of the screen, there is a sidebar with icons for Graphics, Reporting, Trending, Scheduling, Create/Edit, and System Configuration. The "Reporting" icon is highlighted. At the bottom left, there is a "Page:" dropdown menu.

Alarm Report in printable format

View Alarm Report for alarm status

194.138.216.36/wsroot/index.html

Apps FIN | Graphic - Siem... Google Siemens Fieldpanel ... Google

Logged in as rbs | 10/31/2014 Friday 10:23 AM Silence Setup Logoff

SIEMENS Alarms 7 Unack 14 Faults Out Of Service Device Failures

Device/Points Graphics Reporting Trending Scheduling Create/Edit

Panel Configu... FLN Editor TEC Initial Va... Database Man... User Account ... ALN Node Tab... Unack Report Alarm Report

Print Export to CSV

Alarm Report

Point Name	EE Name	Description	Panel	Status	Event Time	Acknowledge St...
BLDG1000_CONF_R			INTERNETDEMO	*A3*	10-21-2014 7:19:00 PM	Acknowledged
BLDG1000_LOBBY_			INTERNETDEMO	*A3*	10-21-2014 7:19:01 PM	Acknowledged
BLDG1000_ROOM1:		RM 125 Temp	INTERNETDEMO	*A5*unACK	10-31-2014 10:14:02 AM	Unacknowledged
BLDG1000_ROOM1:		RM 126 Temp	INTERNETDEMO	*A5*unACK	10-31-2014 10:19:03 AM	Unacknowledged
BLDG1000_ROOM1:		RM 127 Temp	INTERNETDEMO	*A5*unACK	10-31-2014 10:19:02 AM	Unacknowledged
BLDG1000_ROOM1:		RM 128 Temp	INTERNETDEMO	*A5*unACK	10-31-2014 10:19:03 AM	Unacknowledged
BLDG1000_SERVER			INTERNETDEMO	*A3*	10-21-2014 7:19:01 PM	Acknowledged

Point Schedule System Configuration

Select Alarm Report to view and acknowledge alarms

194.138.216.36/wsroot/index.html

Apps FIN | Graphic - Siem... Google Siemens Fieldpanel ... Google

Logged in as rbs | 10/31/2014 Friday 10:23 AM Silence Setup Logoff

SIEMENS

Alarms 7 Unack 14 Faults Out Of Service Device Failures

Device/Points Graphics Reporting Trending Scheduling Create/Edit

Panel Configu...x FLN Editor x TEC Initial Va...x Database Man...x User Account ...x ALN Node Tab...x Unack Report x **Alarm Reportx**

Alarm Report

Print Export to CSV

Point Name	EE Name	Description	Panel	Status	Event Time	Acknowledge St...
BLDG1000_CONF_R			INTERNETDEMO	*A3*	10-21-2014 7:19:00 PM	Acknowledged
BLDG1000_LOBBY_			INTERNETDEMO	*A3*	10-21-2014 7:19:01 PM	Acknowledged
BLDG1000_ROOM1:		RM 125 Temp	INTERNETDEMO	*A5*unACK	10-31-2014 10:14:02 AM	Unacknowledged
BLDG1000_ROOM1:		RM 126 Temp	INTERNETDEMO	*A5*unACK	10-31-2014 10:19:03 AM	Unacknowledged
BLDG1000_ROOM1:		RM 127 Temp	INTERNETDEMO	*A5*unACK	10-31-2014 10:19:02 AM	Unacknowledged
BLDG1000_ROOM1:		RM 128 Temp	INTERNETDEMO	*A5*unACK	10-31-2014 10:19:03 AM	Unacknowledged
BLDG1000_SERVER			INTERNETDEMO	*A3*	10-21-2014 7:19:01 PM	Acknowledged

Point Schedule System Configuration



Store alarm reports in local PC folder or networked PC folder

SIEMENS

The screenshot shows a Siemens Fieldpanel software interface. At the top, there's a navigation bar with icons for Apps, FIN | Graphic - Siem..., Google, Siemens Fieldpanel ..., and Google. It also shows the IP address 194.138.216.36/wsroot/index.html. On the right, it says "Logged in as demo | 10/31/2014 Friday 9:48 AM" with options for Silence, Setup, and Logoff.

The main window has a "SIEMENS" logo at the top left. Below it are buttons for Alarms (5), Unack (12), Faults, Out Of Service, and Device Failures. A "Device/Points" panel on the left shows a search bar and a list of points under "INTERNETDEMO [7050]".

A central window titled "Unack Report" displays a table of events. The columns are "Event Time", "Acknowledge Status", and "Details". One row in the table is highlighted with a red arrow pointing to the "Acknowledge Status" column, which shows "Acknowledged".

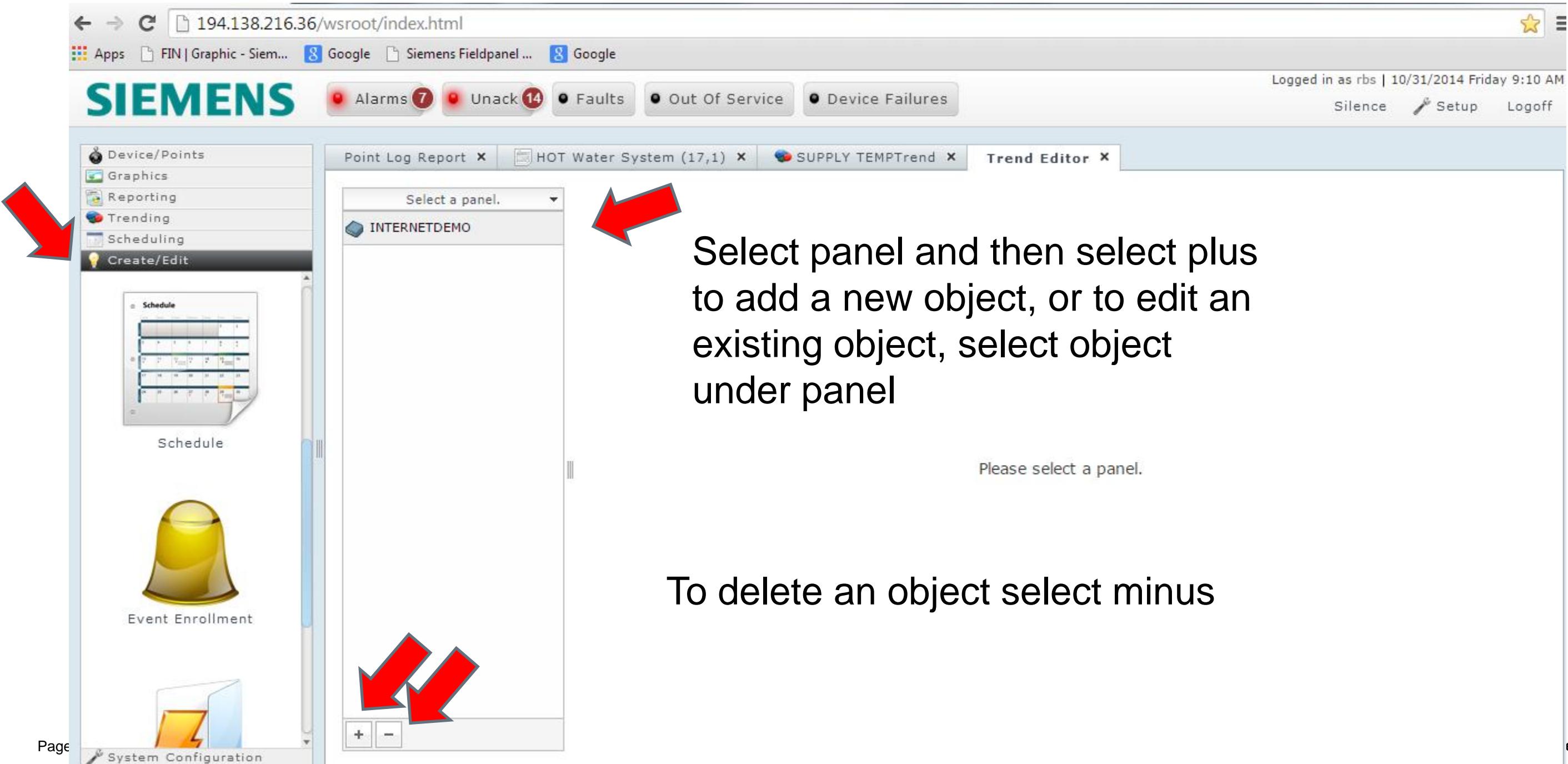
A "Save As" dialog box is overlaid on the main window. It shows the file path "Libraries > Documents > Documents library". The "File name:" field is set to "filename.csv" and the "Save as type:" field is set to "Microsoft Office Excel Comma Separated Values File".

At the bottom left, there's a "Page" button. At the bottom right, the word "erved." is partially visible.

Field Panel Web Server and Kiosk demo site training

FPWeb UI	Kiosk
Features overview	Features Overview
Log-in	Log-in
Navigation	Graphics / Dashboards
Applications (graphics, trends, alarms, schedules, reports)	Application MC
Create/Edit	
Configure System	

Select Create/Edit to create and edit objects and applications



Create and edit Trend Objects

194.138.216.36/wsroot/index.html

Apps FIN | Graphic - Siem... Google Google

Logged in as demo | 10/31/2014 Friday 9:53 AM
Silence Setup Logoff

SIEMENS

Alarms 7 Unack 14 Faults Out Of Service Device Failures

Trend Editor X

INTERNETDEMO

INTERNETDEMO

AIR VOLUMETrend

SUPPLY TEMPTrend

demo trend

Trend Editor

Object Name: * demo trend

Object Identifier:

Description: demo trend

Trend Log Enabled

Point to be trended: * UNIT VENT:ROOM TEMP

Max Samples: 5

Trend Type: COV Value: 900 seconds

Start Date/Time: 8 : 33 AM

End Date/Time: 8 : 33 AM

Stop when full

Notification Threshold: 4

Notification Class: NC_7050

+ - Revert Save

Select object and assign trend log object name, ID, description, reference point to be trended, number of samples and COV or time based samples

Save

Create and edit Trend Objects

The screenshot shows the Siemens SIMATIC web-based graphical user interface. The top navigation bar includes a back button, forward button, refresh button, a search bar with the URL '194.138.216.36/wsroot/index.html', and a star icon. Below the URL are links for 'Apps', 'FIN | Graphic - Siem...', 'Google', 'Siemens Fieldpanel ...', and another 'Google' link. On the right side of the header, it says 'Logged in as demo | 10/31/2014 Friday 9:55 AM' and provides links for 'Silence', 'Setup', and 'Logoff'. The main title 'SIEMENS' is displayed prominently.

The left sidebar contains several icons and their corresponding labels: 'Device/Points', 'Graphics', 'Reporting', 'Trending', 'Scheduling', 'Create/Edit' (which is currently selected), 'Trend' (represented by a bar chart icon), and 'Point' (represented by a yellow star icon). Below these are 'Schedule' and 'System Configuration'.

The central workspace is titled 'demo trend x' and 'Trend Editor x'. It displays a tree structure under 'INTERNETDEMO' with nodes: INTERNETDEMO, AIR VOLUMETrend, demo trend (selected), and SUPPLY TEMP Trend. The 'Trend Editor' configuration panel is open, showing the following settings:

- Object Name:** * demo trend
- Object Identifier:** 20,0
- Description:** demo trend
- Trend Log Enabled:**
- Point to be trended:** * UNIT VENT:ROOM TEMP
- Max Samples:** 5
- Trend Type:** Timed Value: 900 seconds
- Start Date/Time:** 8 : 35 AM
- End Date/Time:** 8 : 35 AM
- Stop when full:**
- Notification Threshold:** 4
- Notification Class:** NC_7050

At the bottom of the configuration panel are buttons for '+', '-' (likely for zooming), 'Revert', 'Save', and 'Discard'.

Create and edit Trend Objects

The screenshot shows the Siemens Fieldpanel web interface at 194.138.216.36/wsroot/index.html. The main menu includes 'Alarms' (7), 'Unack' (14), 'Faults', 'Out Of Service', and 'Device Failures'. The status bar indicates 'Logged in as demo | 10/31/2014 Friday 9:55 AM' with links for 'Silence', 'Setup', and 'Logoff'. The left sidebar has icons for 'Device/Points', 'Graphics', 'Reporting', 'Trending', 'Scheduling', and 'Create/Edit'. Below these are 'Trend' (with a chart icon) and 'Point' (with a star icon). The bottom navigation includes 'Page' and 'System Configuration'. The central window is titled 'Trend Editor' and shows the configuration for 'demo trend'. The configuration fields include:

- Object Name: * demo trend
- Object Identifier: 20,0
- Description: demo trend
- Trend Log Enabled: checked
- Point to be trended: * UNIT VENT:ROOM TEMP
- Max Samples: 5
- Trend Type: Timed Value: 900 seconds
- Start Date/Time: checked (8:35 AM)
- End Date/Time: (empty)
- Stop when full: unchecked
- Notification Threshold: 4
- Notification Class: NC_7050

A red arrow points to the 'Save' button at the bottom right of the configuration window.

Assign time samples, effective date/time and action/notification when buffer full

Save

Create and edit point database

The screenshot shows the Siemens Fieldpanel web interface at the URL 194.138.216.36/wsroot/index.html. The top navigation bar includes links for Apps, FIN | Graphic - Siem..., Google, Siemens Fieldpanel ..., and Google. The status bar indicates the user is logged in as rbs on 10/31/2014 at 10:19 AM, with options for Silence, Setup, and Logoff.

The main window displays several tabs: Panel Configu..., FLN Editor, TEC Initial Val..., Database Man..., User Account ..., ALN Node Tab..., Change Panel..., and Point Editor (which is currently active). A sidebar on the left lists icons for Device/Points, Graphics, Reporting, Trending, Scheduling, and Create/Edit, with Create/Edit selected. Below the sidebar are icons for Point (highlighted with a red arrow), Schedule, and System Configuration.

The Point Editor dialog is open, showing a list of devices with INTERNETDEMO selected. A message at the bottom of the dialog says "Please select a device." At the bottom of the dialog, there are fields for "Point Name" (set to "New Point") and "Point type" (set to "Analog Physical (AI, AO)"), along with a "Create" button and a row of "+/-" buttons.

Select plus, and point type and assign unique point name

Create and edit point database

The screenshot shows the Siemens SIMATIC Manager interface on a web browser at 194.138.216.36/wsroot/index.html. The top navigation bar includes links for Apps, FIN | Graphic - Siem..., Google, Siemens Fieldpanel ..., and Google. The status bar indicates 'Logged in as rbs | 10/31/2014 Friday 10:22 AM'. The main window displays the 'Point Editor' tab, which is active. On the left, there's a sidebar with icons for Device/Points, Graphics, Reporting, Trending, Scheduling, and Create/Edit (which is selected). Below the sidebar are icons for Point, Schedule, and System Configuration. The central area shows a list of points under the 'INTERNETDEMO' device, including !INTERNETDEMO:Address, !INTERNETDEMO:ALMCNT, !INTERNETDEMO:ALMCT2, !INTERNETDEMO:BATT, !INTERNETDEMO:EEFAULT_CNT, !INTERNETDEMO:EEOFFNML_CNT, !INTERNETDEMO:EEUNACK_CNT, and !INTERNETDEMO:FAULT_CNT. The right side of the screen shows configuration fields for a selected point:

- Virtual Point #: (dropdown menu)
- Engineering Units: None (dropdown menu)
- COV Limit: 0
- Data Type: Integer (dropdown menu)
- Decimal Places: 4
- Relinquish Default: 0
- Alarmable
- High Alarm Limit: 0
- Low Alarm Limit: 0
- Time Delay (secs): 0
- Deadband: 0
- Annunciate to Normal Transitions
- Annunciate to Off-Normal Transitions
- Annunciate to Fault Transitions
- Notification Class: 0

A red arrow points to the 'Save' button in the bottom right corner of the configuration panel.

Assign point address, description, engineering units, COV limit if applicable, relinquish default, alarm limits, deadband and alarm transitions

Save

erved.

Create and edit point database

The screenshot shows the Siemens SIMATIC Manager web-based interface. The top navigation bar includes a back/forward button, a refresh button, a URL field with '194.138.216.36/wsroot/index.html', and a star icon. Below the URL are links for 'Apps', 'FIN | Graphic - Siem...', 'Google', 'Siemens Fieldpanel ...', and 'Google'. The top right corner shows the user is 'Logged in as rbs | 10/31/2014 Friday 10:21 AM' with options for 'Silence', 'Setup', and 'Logoff'.

The main header features the 'SIEMENS' logo. Below it, a toolbar displays status indicators: 'Alarms 7', 'Unack 14', 'Faults', 'Out Of Service', and 'Device Failures'. On the far right of the header, there are 'Point Editor' tabs: 'Panel Configu...', 'FLN Editor', 'TEC Initial Val...', 'Database Man...', 'User Account ...', 'ALN Node Tab...', 'Change Panel...', and 'Point Editor' (which is currently active).

The left sidebar contains a vertical menu with icons for 'Device/Points', 'Graphics', 'Reporting', 'Trending', 'Scheduling', and 'Create/Edit'. A large yellow star icon is labeled 'Point'. Below the sidebar, a red arrow points from the 'Edit existing points' text towards the 'Create/Edit' button in the sidebar.

The central workspace is titled '(AV) Virtual LAI'. It displays configuration details for a point named '!INTERNETDEMO:ALMCNT'. The configuration fields include:

- Object Name: * !INTERNETDEMO:ALMCNT
- Object Identifier: 2,10001
- Description: (empty)
- Virtual Point #: (dropdown menu)
- Engineering Units: None
- COV Limit: 0
- Data Type: Integer
- Decimal Places: 4
- Relinquish Default: 0
- Alarmable
- High Alarm Limit: 0
- Low Alarm Limit: 0
- Time Delay (secs): 0
- Deadband: 0
- Annunciate to Normal Transitions

A list of existing points is shown on the left, with '!INTERNETDEMO:ALMCNT' highlighted. The list includes:

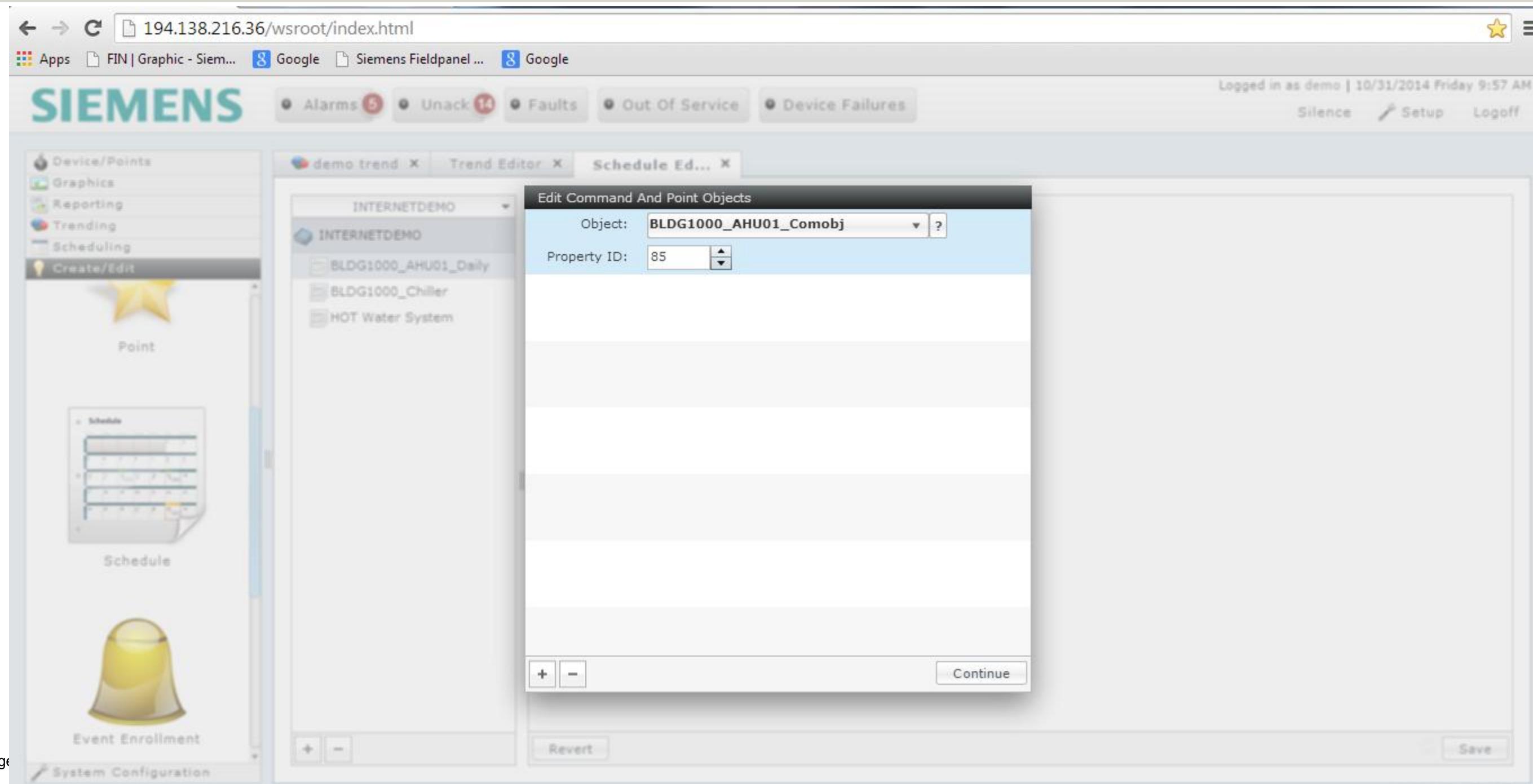
- !INTERNETDEMO:Address
- !INTERNETDEMO:ALMCNT
- !INTERNETDEMO:ALMCT2
- !INTERNETDEMO:BATT
- !INTERNETDEMO:EEFAULT_CNT
- !INTERNETDEMO:EEOFFNML_CM
- !INTERNETDEMO:EEUNACK_CNT
- !INTERNETDEMO:FAULT_CNT

At the bottom of the sidebar, there are '+', '0', and '-' buttons for managing the list of points.

At the very bottom of the page, the word 'erved.' is partially visible.

Edit points and objects in PTEC

Edit Command and Point Objects



Edit Schedule for schedule definitions

The screenshot shows the Siemens Fieldpanel web interface at the URL 194.138.216.36/wsroot/index.html. The top navigation bar includes links for Apps, FIN | Graphic - Siem..., Google, Siemens Fieldpanel ..., and Google. The status bar indicates "Logged in as rbs | 10/31/2014 Friday 9:23 AM". The main menu bar features "SIEMENS" and tabs for Alarms (7), Unack (14), Faults, Out Of Service, and Device Failures. On the right, there are links for Silence, Setup, and Logoff.

The left sidebar contains icons for Device/Points, Graphics, Reporting, Trending, Scheduling, Create/Edit, Point, Schedule, and Event Enrollment. The "Create/Edit" icon is highlighted with a red arrow pointing from the bottom-left towards it.

The central workspace displays the "Schedule Editor" for the object "BLDG1000_Chiller". The editor fields include:

- Object Name: * BLDG1000_Chiller
- Object Identifier: 17,2
- Description: CHW Schedule
- Type: Unsigned (radio button selected)
- Effective Start: (empty input field)
- Effective Stop: (empty input field)
- Write Priority: 8 (spin box)
- Default Value: 0 (spin box)
- OOS/Disabled

Below these fields are three buttons: "Weekly Schedule", "Exception Schedule", and "Command Point Objects". At the bottom of the editor are "Revert" and "Save" buttons, along with plus and minus size adjustment buttons.

Edit schedules in schedule editor

The screenshot shows the Siemens SIMATIC Web Portal interface. The top navigation bar includes a back/forward button, a refresh button, a search bar with the URL '194.138.216.36/wsroot/index.html', and a star icon. Below the bar are tabs for 'Apps', 'FIN | Graphic - Siem...', 'Google', 'Siemens Fieldpanel ...', and 'Google'. The top right corner shows the user is logged in as 'rbs' on '10/31/2014 Friday 9:23 AM' with options for 'Silence', 'Setup', and 'Logoff'.

The main window features a 'SIEMENS' logo and a navigation menu with links to 'Device/Points', 'Graphics', 'Reporting', 'Trending', 'Scheduling', and 'Create/Edit'. Under 'Create/Edit', the 'Schedule' icon is highlighted. The central area is titled 'Schedule Editor' and displays the configuration for an object named 'BLDG1000_Chiller' with Object Identifier '17,2'. The description is 'CHW Schedule'. The type is set to 'Unsigned'. The effective start and stop times are marked with checkmarks. Write Priority is set to 8, and Default Value is 0. There is also an unchecked checkbox for 'OOS/Disabled'. At the bottom of the editor are buttons for 'Weekly Schedule', 'Exception Schedule', and 'Command Point Objects'. The bottom right of the editor has a 'Revert' button and a large red 'Save' button. The bottom left of the editor has a 'Page' button and a 'System Configuration' link. The bottom of the page has a 'Page' button and a 'Save' button with a red arrow pointing to it.

Edit weekly schedules in schedule editor

The screenshot shows the Siemens SIMATIC Web Portal interface. The top navigation bar includes links for 'Apps', 'FIN | Graphic - Siem...', 'Google', and 'Siemens Fieldpanel ...'. The main header displays 'SIEMENS' and the status 'Logged in as rbs | 10/31/2014 Friday 9:24 AM' with options for 'Silence', 'Setup', and 'Logoff'. On the left, a sidebar menu lists 'Device/Points', 'Graphics', 'Reporting', 'Trending', 'Scheduling', and 'Create/Edit'. The 'Create/Edit' option is currently selected. The main content area features a 'Point Log ...' section and an 'Edit Weekly Schedule' dialog. The dialog has tabs for Monday through Sunday. The 'Monday' tab is active, showing two entries: '7:00:00 AM' with a value of '2' and '10:00:00 PM' with a value of '1'. A red arrow points to the 'Time' column in the main grid. A modal dialog is overlaid on the bottom right, titled 'Edit Weekly Schedule'. It contains fields for 'Days' (checkboxes for Monday-Sunday), 'Time' (input fields for hour and minute, with AM/PM radio buttons set to AM), and 'Value' (input field containing '0'). A red arrow points to the 'Time' input field in this modal. At the bottom of the modal are buttons for '+', 'Add', and 'Continue'.

194.138.216.36/wsroot/index.html

Apps FIN | Graphic - Siem... Google Google

SIEMENS Alarms 5 Unack 14 Faults Out Of Service Device Failures

Logged in as rbs | 10/31/2014 Friday 9:24 AM Silence Setup Logoff

Device/Points Graphics Reporting Trending Scheduling Create/Edit

Point Log ... Edit Weekly Schedule

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Time	Value					
7:00:00 AM	2					
10:00:00 PM	1					

INTERNET BLDG10 BLDG10 HOT Wa

Monday Tuesday Wednesday Thursday Friday Saturday Sunday

7:00:00 AM 2

10:00:00 PM 1

Edit effective days, times, and values for schedule

Schedule Event Enrollment

Days: Monday Tuesday Wednesday Thursday Friday Saturday Sunday

Time: 1 : 0 AM

Value: 0

Add

+ - Add Multiple Continue

Page System Configuration Save

erved.

Edit Exception Schedule to adapt to holiday schedules, and other special events

The screenshot shows the Siemens SIMATIC Manager web interface. The title bar indicates the URL is 194.138.216.36/wsroot/index.html. The top navigation bar includes links for Apps, FIN | Graphic - Siem..., Google, and Siemens Fieldpanel ...

The main header features the SIEMENS logo. Below it, a toolbar displays status indicators: Alarms (6), Unack (14), Faults, Out Of Service, and Device Failures. On the right, a user is logged in as demo, with the timestamp 10/31/2014 Friday 9:57 AM, and options for Silence, Setup, and Logoff.

The left sidebar contains icons for Device/Points, Graphics, Reporting, Trending, Scheduling, Create/Edit (highlighted), Point, Schedule, and Event Enrollment. A demo tree sidebar lists nodes like INTERNET, BLDG10, and HOT Wa.

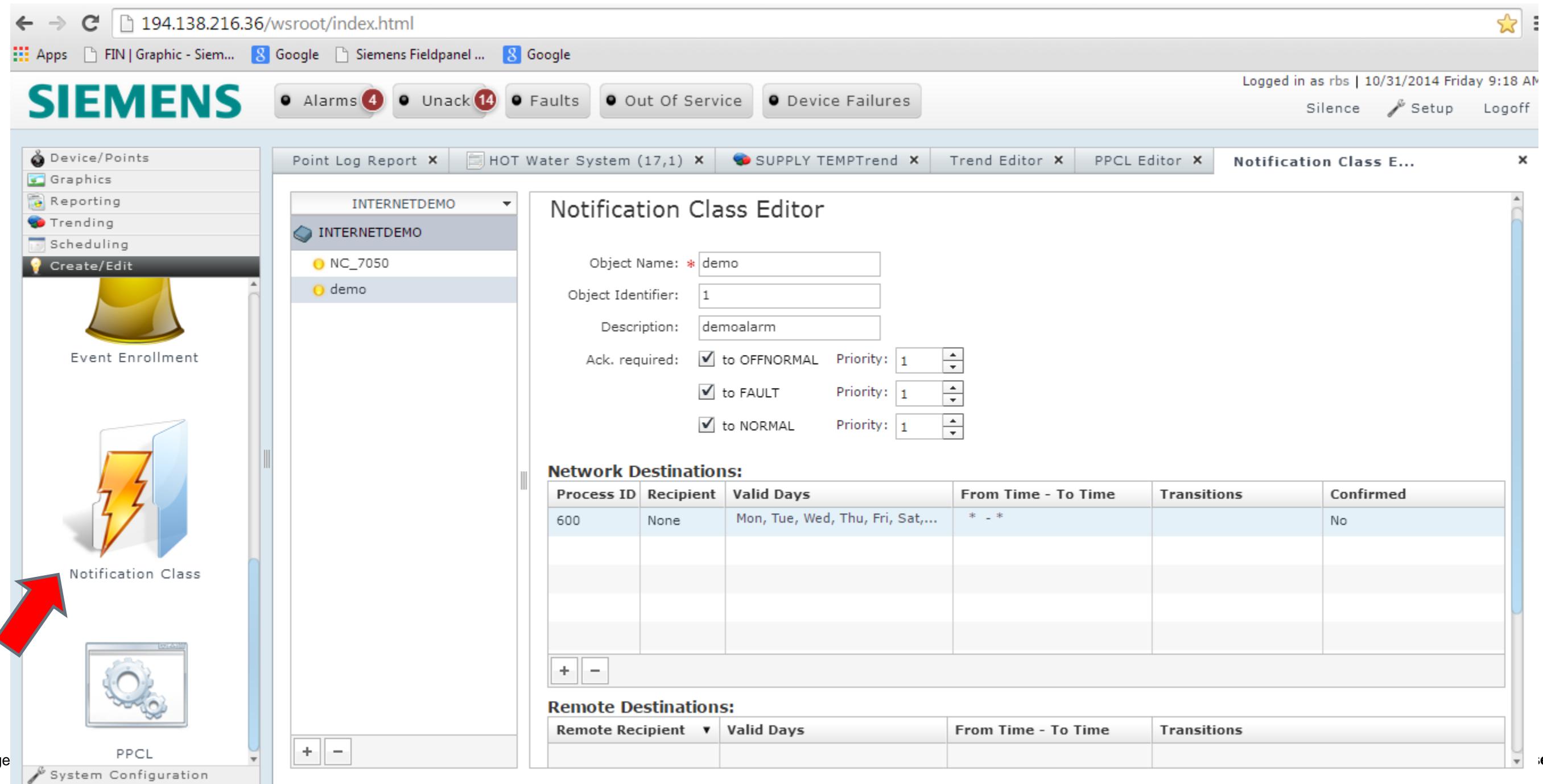
The central content area is titled "Edit Exception Schedule". It has a "Date/Range/Reference" section with tabs for Date, Range, Week'N'Day, and Reference. The Date tab is selected, showing a date input field with 10/31/2014, a Wildcard? checkbox, and an "Edit time values" button. To the right is a "Priority" column with the value "1". At the bottom of the dialog are buttons for "+", "-", "Continue", and "Save".

Create and edit events and alarms

The screenshot shows the Siemens SIMATIC Manager interface with the following details:

- Header:** Address bar shows "194.138.216.36/wsroot/index.html". Status bar indicates "Logged in as rbs | 10/31/2014 Friday 9:21 A".
- Top Bar:** Navigation icons for Apps, FIN | Graphic - Siem..., Google, Siemens Fieldpanel ..., and Google.
- User Information:** Shows "Alarms 7", "Unack 14", "Faults", "Out Of Service", and "Device Failures".
- Right Side:** Buttons for Silence, Setup, and Logoff.
- Left Sidebar:** Icons for Device/Points, Graphics, Reporting, Trending, Scheduling, Create/Edit (highlighted with a red arrow), Event Enrollment (with a bell icon), Notification Class (with a lightning bolt icon), PPCL (with a gear icon), and System Configuration.
- Central Area:** Title "Event Editor" under "INTERNETDEMO".
 - Object Name:** BLDG1000_CWST_EEO
 - Object Identifier:** 9,0
 - Description:** Chill Water Supp
 - Alarm Types:** Radio buttons for cos, FAL, LIM, OOR. OOR is selected.
 - Enabled Alarms:** Checkboxes for OFFNORMAL, NORMAL, and FAULT. All are checked.
 - Notify Type:** Alarm (selected from dropdown).
 - Reference Point:** INTERNETDEMO:BLDG1000_CHWS
 - Thresholds:** High Limit: 50, Low Limit: 38, Deadband: 0, Time Delay (secs): 0.
 - Notification Class:** NC_7050
- Bottom Right:** A large red arrow points to the "Save" button.

Edit Notification Class for alarm definitions



The screenshot shows the Siemens SIMATIC Manager interface. The top navigation bar includes a back button, forward button, refresh button, and a URL field showing "194.138.216.36/wsroot/index.html". Below the URL are links for "Apps", "FIN | Graphic - Siem...", "Google", "Siemens Fieldpanel ...", and "Google". On the right side of the header, it says "Logged in as rbs | 10/31/2014 Friday 9:18 AM" and provides "Silence", "Setup", and "Logoff" options.

The main title bar displays "SIEMENS" and several tabs: "Alarms" (4), "Unack" (14), "Faults", "Out Of Service", and "Device Failures".

The left sidebar contains icons for "Device/Points", "Graphics", "Reporting", "Trending", "Scheduling", "Create/Edit" (highlighted), "Event Enrollment", "Notification Class" (highlighted with a red arrow), and "PPCL".

The central workspace shows a "Notification Class Editor" window. The "Object Name" is set to "demo". The "Object Identifier" is "1" and the "Description" is "demoalarm". Under "Ack. required:", three checkboxes are checked: "to OFFNORMAL Priority: 1", "to FAULT Priority: 1", and "to NORMAL Priority: 1".

The "Network Destinations:" section lists a single entry: Process ID 600, Recipient None, Valid Days Mon, Tue, Wed, Thu, Fri, Sat, Sun, From Time - To Time * - *, Transitions, and Confirmed No. There are "+" and "-" buttons below the table.

The "Remote Destinations:" section is currently empty.

Create and edit Notification Class object

The screenshot shows the Siemens SIMATIC Manager interface with the following details:

- Header:** Address bar shows "194.138.216.36/wsroot/index.html".
- Top Bar:** Shows "Alarms 7", "Unack 14", "Faults", "Out Of Service", and "Device Failures".
- User Information:** Logged in as rbs | 10/31/2014 Friday 9:16 A.
- Toolbars:** Silence, Setup, Logoff.
- Left Sidebar:** Device/Points, Graphics, Reporting, Trending, Scheduling, Create/Edit (highlighted), Event Enrollment, Notification Class (highlighted), PPCL, System Configuration.
- Central Area:**
 - Notification Class Editor:** Object Name: * Unnamed Object, Object Identifier: (empty), Description: (empty). Ack. required: to OFFNORMAL Priority: 0, to FAULT Priority: 0, to NORMAL Priority: 0.
 - Network Destinations:** Table with columns: Process ID, Recipient, Valid Days, From Time - To Time, Transitions, Confirmed. Contains an empty row with "+" and "-" buttons.
 - Remote Destinations:** Table with columns: Remote Recipient, Valid Days, From Time - To Time, Transitions. Contains an empty row.
- Tab Bar:** Point Log Report, HOT Water System (17,1), SUPPLY TEMPTrend, Trend Editor, PPCL Editor, Notification Class E... (active).

Text Overlay: Assign name, ID, description and alarm parameters

Assign network and remote destinations for alarms

The screenshot shows the Siemens SIMATIC Manager interface for configuring alarm notifications. The main window is titled "Notification Class Editor" and displays settings for a new alarm object named "New Alarm".

Object Name: * New Alarm

Object Identifier: 102

Description: New Alarm

Ack. required: to OFFNORMAL Priority: 2

to FAULT Priority: 1

to NORMAL Priority: 3

Network Destinations:

Process ID	Recipient	Valid Days	From Time - To Time	Transitions	Confirmed
600	None	Mon, Tue, Wed, Thu, Fri, Sat,...	* - *		No
600	INTERNETD	Tue, Thu, Sat, Sun	09:05:00 AM - 09:05:00 ...	To-OffNormal, To-Fault	No

Remote Destinations:

Remote Recipient	Valid Days	From Time - To Time	Transitions

Left Sidebar:

- Device/Points
- Graphics
- Reporting
- Trending
- Scheduling
- Create/Edit** (selected)
- Event Enrollment
- Notification Class
- System Configuration

Top Bar:

- Back, Forward, Stop, Address bar (194.138.216.36/wsroot/index.html)
- Apps, FIN | Graphic - Siem..., Google, Siemens Fieldpanel ...
- Logged in as rbs | 10/31/2014 Friday 10:25 AM
- Silence, Setup, Logoff

Edit Remote Recipient Editor for Alarms

The screenshot shows the Siemens SIMATIC web interface at the URL 194.138.216.36/wsroot/index.html. The top navigation bar includes links for Apps, FIN | Graphic - Siem..., Google, Siemens Fieldpanel..., and Google. The status bar indicates the user is logged in as rbs on 10/31/2014 at 9:19 AM, with options for Silence, Setup, and Logoff.

The main window displays the 'Remote Recipient List Editor' for the 'INTERNETDEMO' project. The interface features a sidebar with icons for Device/Points, Graphics, Reporting, Trending, Scheduling, Create/Edit (selected), Event Enrollment, Notification Class, PPCL, and System Configuration. The main area shows a table with three columns: Index, Alias, and Remote Address. The table has one row with Index 1 and Alias 1. A red arrow points to the 'Save' button in the bottom right corner of the editor.

Index	Alias	Remote Address
1	1	

Save

Replicate Save

Page

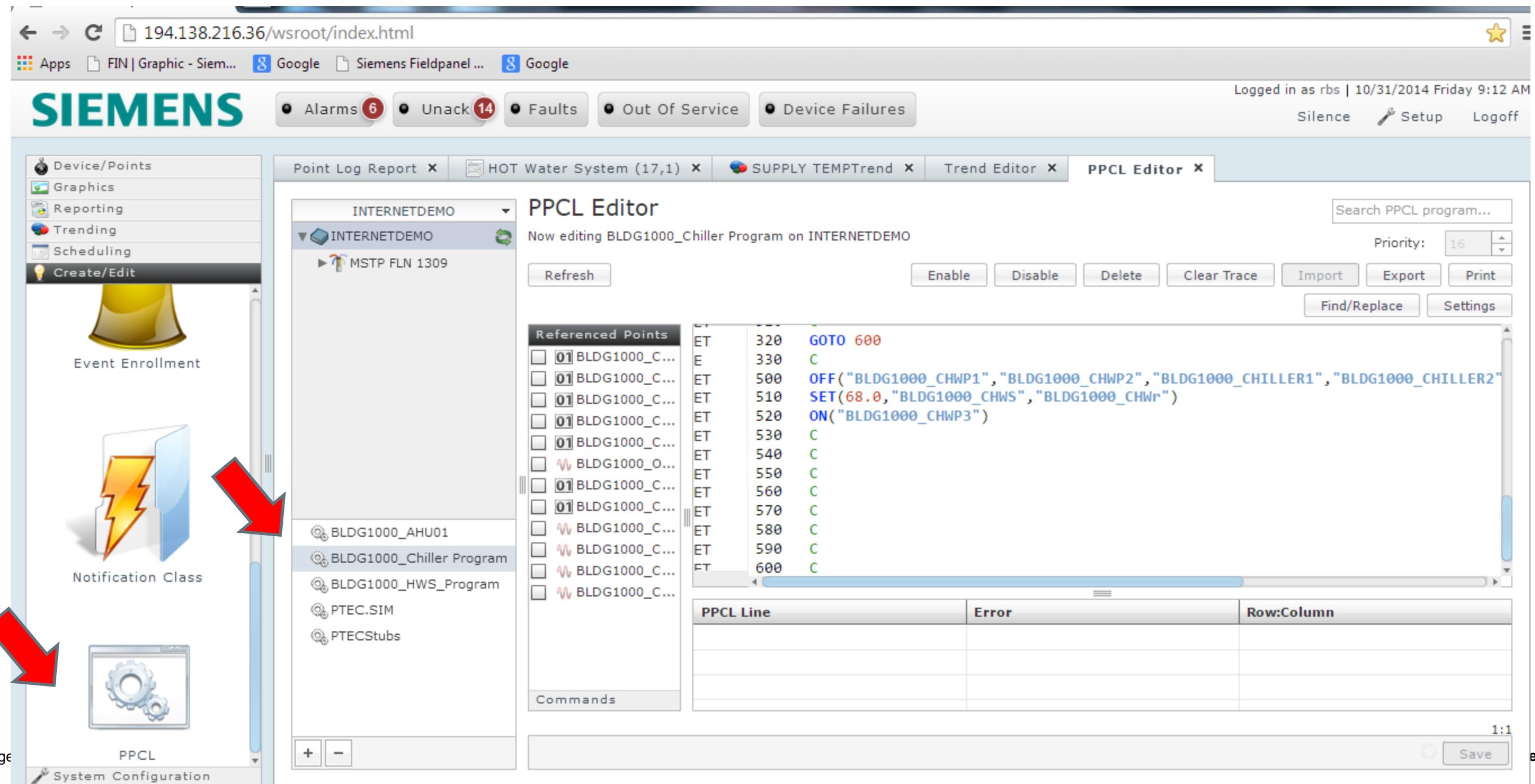
System Configuration

Define SMTP device definitions for remote email and text notification of events

The screenshot shows the Siemens SIMATIC Manager interface with the following details:

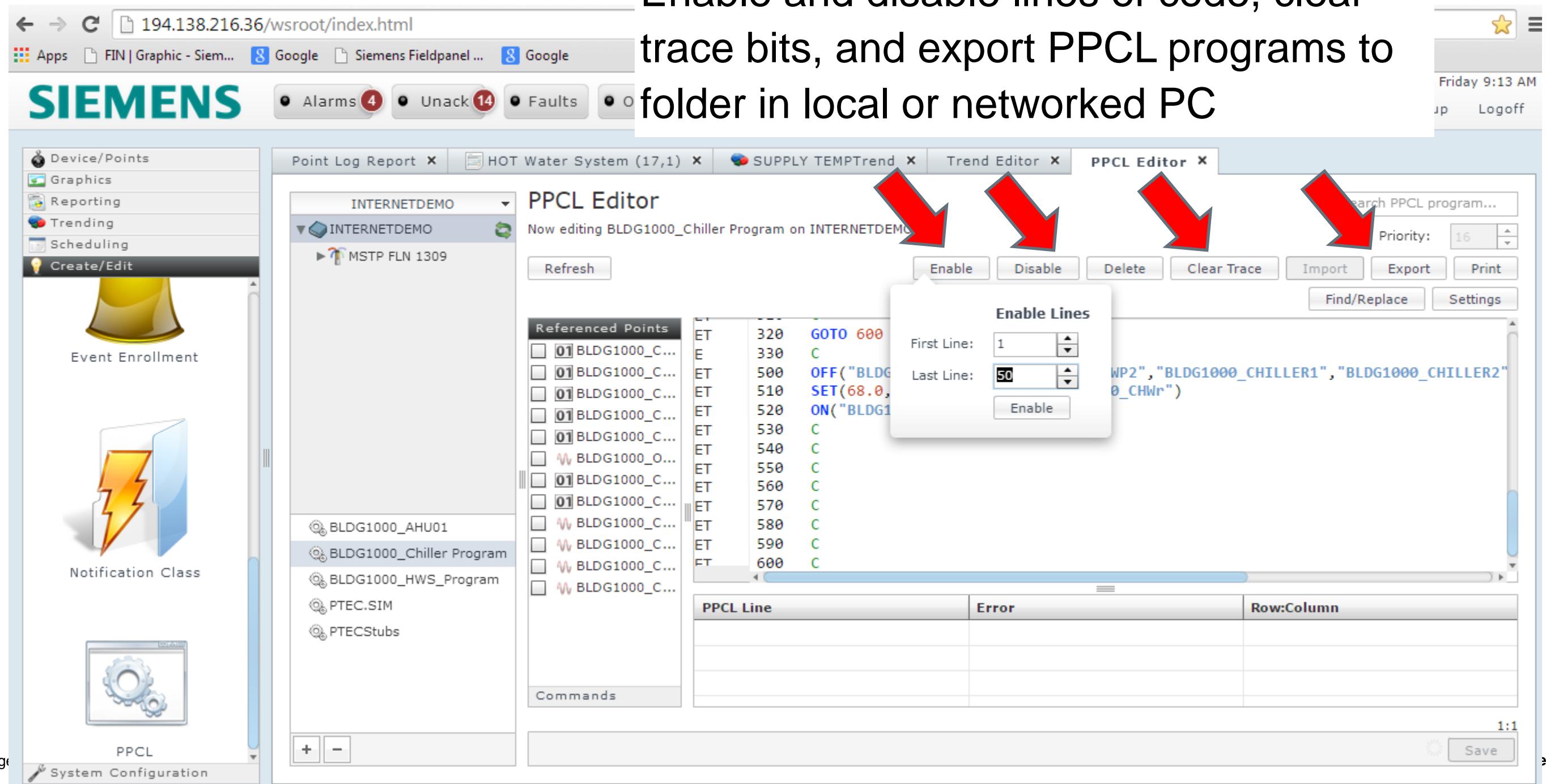
- Header:** Address bar shows "194.138.216.36/wsroot/index.html".
- Top Bar:** Shows "Apps", "FIN | Graphic - Siem...", "Google", "Siemens Fieldpanel ...", and "Google".
- User Information:** Logged in as "rbs" on 10/31/2014 at 9:21 AM.
- Toolbars:** Alarms (7), Unack (14), Faults, Out Of Service, Device Failures.
- Navigation:** Silence, Setup, Logoff.
- Left Sidebar:** Device/Points, Graphics, Reporting, Trending, Scheduling, Create/Edit (selected), Event Enrollment, Notification Class, PPCL, System Configuration.
- Central Area:** Point Log Rep..., HOT Water..., SUPPLY TE..., Trend Editor, PPCL Editor, Notification C..., Remote Recip..., SMTP Config... (selected).
- Sub-Panel:** INTERNETDEMO (selected).
 - SMTP Configuration Editor:** Shows the configuration for the INTERNETDEMO device.
 - SMTP Enabled:** Checked.
 - SMTP Server (Name/IP Address):** 174.19.12.135.
 - Port:** 25.
 - Sender's E-mail Address:** 174.19.11.112 (highlighted with a red border).
 - Authentication Enabled:** Checked.
 - Username:** user.
 - Password:** *****.
- Bottom Right:** A large red arrow points to the "Save" button in the bottom right corner of the configuration panel.

Select PPCL program to view, troubleshoot and edit PPCL programs

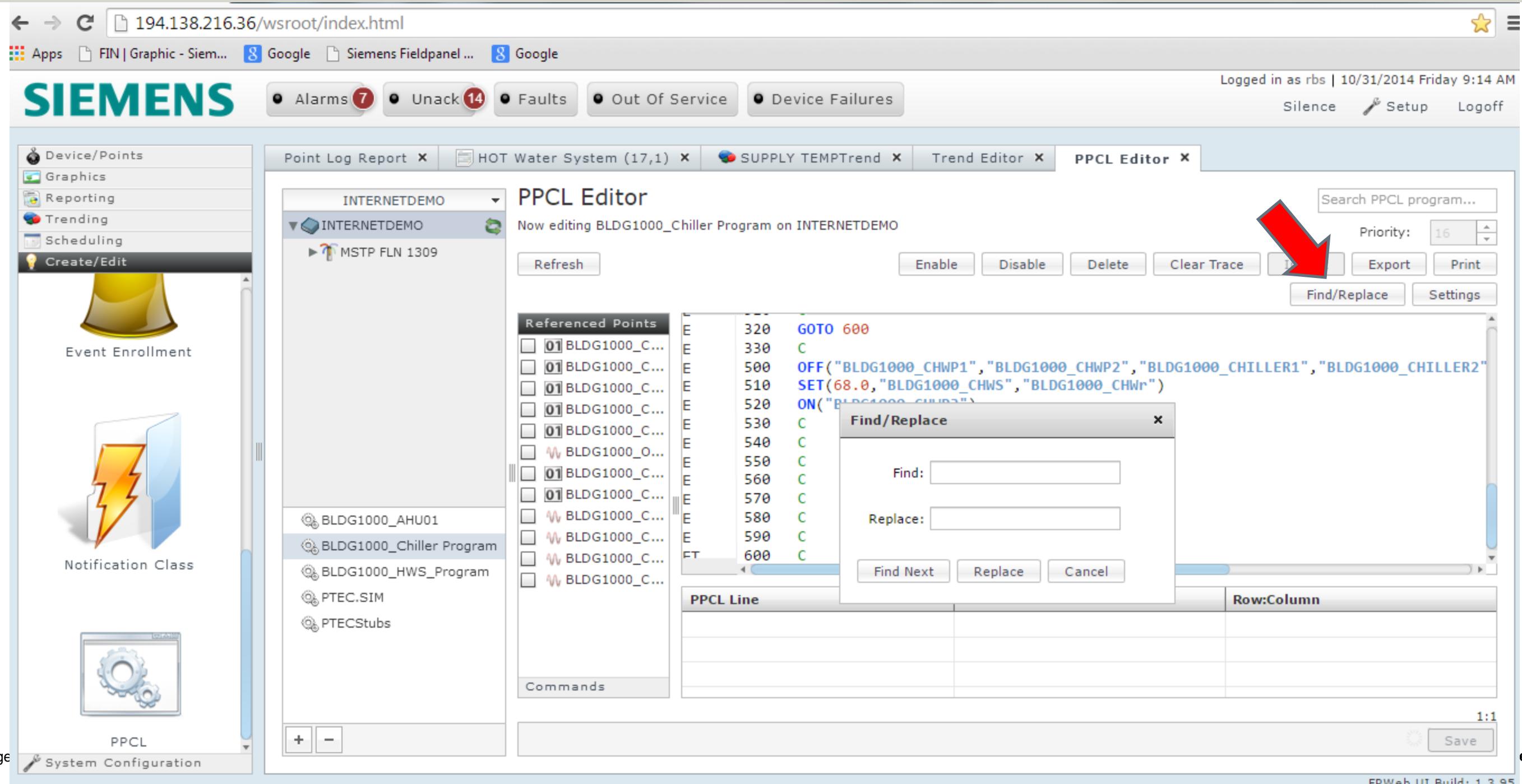


PPCL editor provides live program editing and troubleshooting

Enable and disable lines of code, clear trace bits, and export PPCL programs to folder in local or networked PC



Find and replace variables in PPCL programs

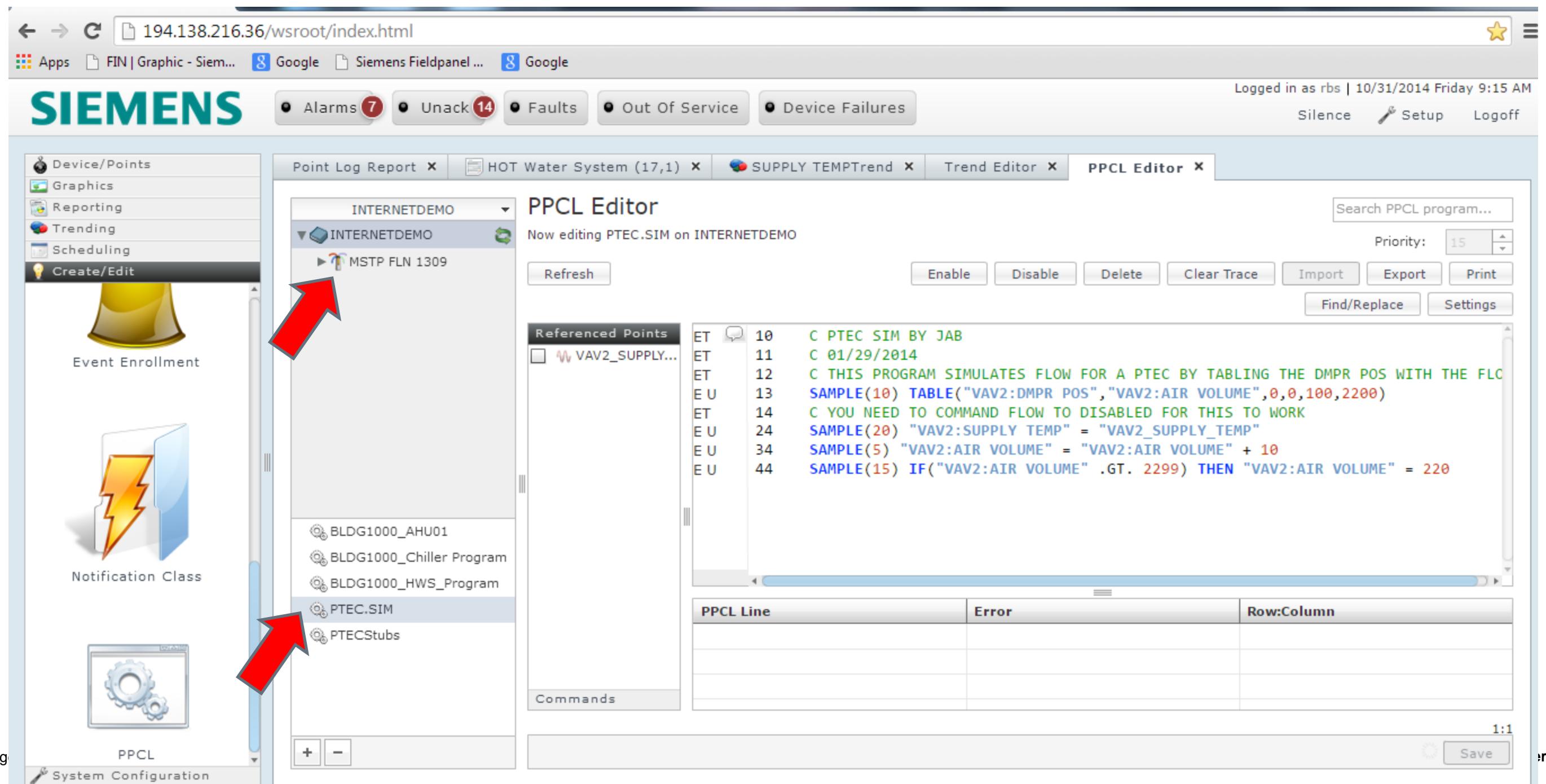


PPCL editor shows real time values of variables defined in PPCL program

The screenshot shows the SIMATIC Manager interface with the following details:

- Header:** Address bar shows 194.138.216.36/wsroot/index.html. Navigation icons include back, forward, search, and refresh.
- Top Bar:** SIEMENS logo, Alarms (7), Unack (14), Faults, Out Of Service, Device Failures, Logged in as rbs | 10/31/2014 Friday 9:15 AM, Silence, Setup, Logoff.
- Left Sidebar:** Device/Points, Graphics, Reporting, Trending, Scheduling, Create/Edit (selected), Event Enrollment, Notification Class, PPCL, System Configuration.
- Toolbar:** Point Log Report, HOT Water System (17,1), SUPPLY TEMPTrend, Trend Editor, PPCL Editor (selected).
- PPCL Editor Area:**
 - Project:** INTERNETDEMO
 - Program:** PTEC.SIM
 - Code Preview:** Shows a snippet of PPCL code related to a VAV2 supply point.
 - Buttons:** Refresh, Enable, Disable, Delete, Clear Trace, Import, Export, Print, Find/Replace, Settings.
- Referenced Points:** A list of variables used in the program, including VAV2_SUPPLY... (highlighted by a red arrow).
- Bottom:** PPCL Line, Error, Row:Column, Commands, Save button.

Edit PPCL programs in supervised FLN devices including PTECs and UECs



Select Settings to modify settings in PPCL

The screenshot shows the SIMATIC Manager interface with the following details:

- Header:** Address bar shows 194.138.216.36/wsroot/index.html. Navigation icons include back, forward, and search.
- Top Bar:** Shows status: Logged in as rbs | 10/31/2014 Friday 9:15 AM. Buttons for Silence, Setup, and Logoff.
- Main Area:** The PPCL Editor window is open, displaying the PTEC.SIM program on the INTERNETDEMO station. The code listed is:

```
INTERNETDEMO
INTERNETDEMO
MSTP FLN 1309

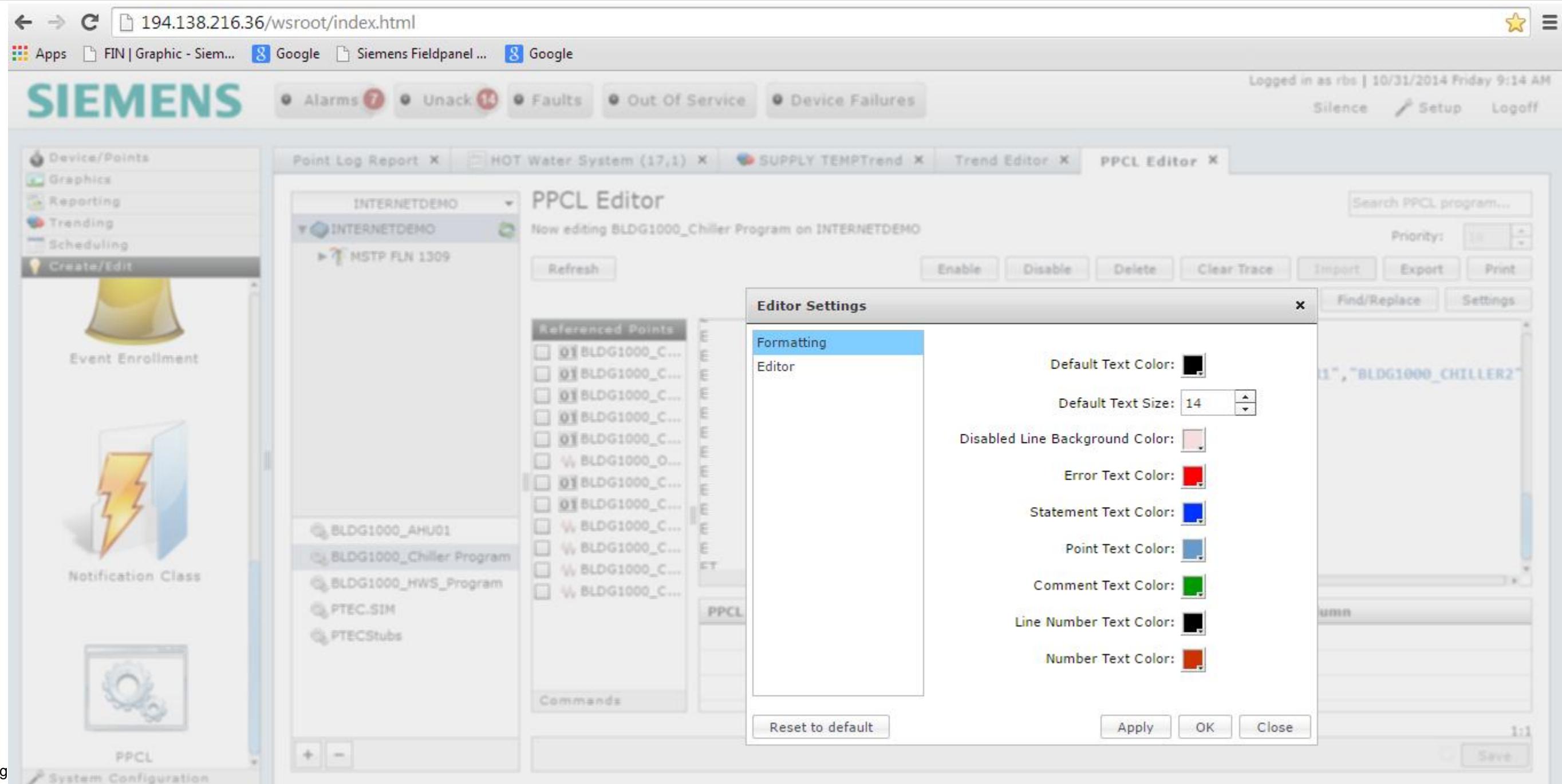
Referenced Points
VAV2_SUPPLY...

PPCL Line      Error      Row:Column
Commands
```

The code itself is:

```
C PTEC SIM BY JAB
C 01/29/2014
C THIS PROGRAM SIMULATES FLOW FOR A PTEC BY TABLING THE DMPR POS W/ THE FLC
SAMPLE(10) TABLE("VAV2:DMPR POS","VAV2:AIR VOLUME",0,0,100,2200)
C YOU NEED TO COMMAND FLOW TO DISABLED FOR THIS TO WORK
SAMPLE(20) "VAV2:SUPPLY TEMP" = "VAV2_SUPPLY_TEMP"
SAMPLE(5) "VAV2:AIR VOLUME" = "VAV2:AIR VOLUME" + 10
SAMPLE(15) IF("VAV2:AIR VOLUME" .GT. 2299) THEN "VAV2:AIR VOLUME" = 220
```
- Left Sidebar:** Icons for Device/Points, Graphics, Reporting, Trending, Scheduling, Create/Edit (selected), Event Enrollment, Notification Class, and PPCL System Configuration.
- Toolbar:** Buttons for Refresh, Enable, Disable, Delete, Clear Trace, Import, Export, Print, Find/Replace, and Settings (highlighted by a red arrow).

Edit colors of PPCL code indicators for readability



Field Panel Web Server and Kiosk demo site training

FPWeb UI	Kiosk
Features overview	Features Overview
Log-in	Log-in
Navigation	Graphics / Dashboards
Applications (graphics, trends, alarms, schedules, reports)	Application MC
Create/Edit	
Configure System	

Define, view and edit ALN node table and add devices

Screenshot of the Siemens SIMATIC Manager interface showing the ALN Node Table Editor.

The browser address bar shows: 194.138.216.36/wsroot/index.html

The top navigation bar includes: Apps, FIN | Graphic - Siem..., Google, Siemens Fieldpanel ..., Google, Alarms (7), Unack (14), Faults, Out Of Service, Device Failures, Logged in as rbs | 01/00/NaN Sunday 12:00 AM, Silence, Setup, Logoff.

The left sidebar menu includes: Device/Points, Graphics, Reporting, Trending, Scheduling, Create/Edit, System Configuration (selected), Panel Configuration, and FLN.

A red arrow points to the "Panel Configuration" icon in the sidebar.

The main content area displays the "ALN Node Table Editor" for the "INTERNETDEMO" panel. The table lists the following data:

Device Instance	Communication Status	Ready Status	Node Name	IP Address	Site Name
7050	Ok	Ready	INTERNETDEMO	172.22.170.6	SITE02
7060	FAILED	Not Ready			SITE02
7070	FAILED	Not Ready			SITE02
70001	Ok	Ready	VAV CTR1		~Third Party Vend
70072	FAILED	Not Ready			SITE02

An input dialog box is open at the bottom left, prompting for "Device Instance: *".

Buttons at the bottom include: Refresh, Update System Tree, +, -, and Add.

Panel Configuration Editor

The screenshot shows the Siemens Panel Configuration Editor interface. On the left, there is a sidebar with various icons and a 'System Configuration' section. A red arrow points to the 'Panel Configuration' icon. The main area is titled 'Panel Configuration Editor' and shows a configuration for a device named 'INTERNETDEMO'. The 'General' tab is selected, indicated by a red arrow. The configuration fields include:

- Node Name: INTERNETDEMO
- ALN Name: BACNETLBN2
- Site Name: SITE02
- Device Instance Number: 7050
- Device Location: Default Location
- Device Description: Default Description
- BACnet IP Network Number: 13
- UDP Port: 47808

Below these, there is a section for network settings:
• Static IP DHCP
Static IP Address: 172.22.170.6
Subnet Mask: 255.255.255.192
Default Gateway: 172.22.170.1
DNS Suffix:
DNS 1: 0.0.0.0

At the bottom of the configuration window, there are 'Refresh', 'Backup to Flash', and 'Save' buttons.

MS/TP device configuration in Panel Configuration Editor

The screenshot shows the Siemens Panel Configuration Editor interface. The top navigation bar includes a back button, forward button, refresh button, and a URL field showing `194.138.216.36/wsroot/index.html`. Below the URL is a toolbar with icons for Apps, FIN | Graphic - Siem..., Google, Siemens Fieldpanel..., and another Google link. The top right corner shows the user is logged in as `rbs` on `01/00/NaN Sunday 12:00 A`, with options for Silence, Setup, and Logoff.

The main window title is "Panel Configuration Editor" with a tab for "INTERNETDEMO". On the left, there's a sidebar with icons for Device/Points, Graphics, Reporting, Trending, Scheduling, Create/Edit, and System Configuration. The "System Configuration" icon is highlighted. Below the sidebar are two images: "Panel Configuration" and "FLN".

The central panel displays the "Panel Configuration Editor" configuration page. It has tabs for "General" and "FLN Settings", with a red arrow pointing to the "FLN Settings" tab. The "FLN Network Type:" dropdown is set to "MSTP". The "Enable MS/TP FLN" checkbox is checked. The "MS/TP FLN Baud Rate:" dropdown is set to "38400". The "MS/TP FLN Network Number:" input field contains "1309". The "MS/TP FLN Node Address:" input field contains "127". At the bottom of the configuration page are "Refresh", "Backup to Flash", and "Save" buttons.

Panel Configuration Editor

The screenshot shows the Siemens Panel Configuration Editor interface. On the left, there's a sidebar with icons for Device/Points, Graphics, Reporting, Trending, Scheduling, Create/Edit, and System Configuration. Below the sidebar are two images: one of a gear labeled "Panel Configuration" and another of a cable labeled "FLN". The main area has a title bar "Panel Configuration Editor" with tabs for "General" and "FLN Settings". A sub-header "INTERNETDEMO" is displayed above a list of nodes. The "INTERNETDEMO" node is selected. The "General" tab displays the following configuration parameters:

Node Name:	INTERNETDEMO
ALN Name:	BACNETLBN2
Site Name:	SITE02
Device Instance Number:	7050
Device Location:	Default Location
Device Description:	Default Description
BACnet IP Network Number:	13
UDP Port:	47808

Below these, there are two radio buttons for network configuration: "Static IP" (selected) and "DHCP". If "Static IP" is selected, fields for "Static IP Address", "Subnet Mask", "Default Gateway", "DNS Suffix", and "DNS 1" are shown. A large red arrow points to the "Backup to Flash" button at the bottom right of the configuration panel.

Back-up Database to
Flash memory

Backup to Flash Save

Panel Configuration back-up to flash

The screenshot shows a web-based Siemens Panel Configuration Editor interface. The top navigation bar includes a back button, forward button, refresh button, and a URL field showing 194.138.216.36/wsroot/index.html. Below the URL is a toolbar with icons for Apps, FIN | Graphic - Siem..., Google, Siemens Fieldpanel..., and Google. The top right corner displays the user is logged in as rbs | 01/00/NaN Sunday 12:00 AM, with links for Silence, Setup, and Logoff.

The main window title is "Panel Configuration Editor" for the project "INTERNETDEMO". The left sidebar has a tree view with nodes: Device/Points, Graphics, Reporting, Trending, Scheduling, Create/Edit, and System Configuration (which is currently selected). Below the tree are icons for Panel Configuration and FLN.

The central panel contains configuration fields for the "INTERNETDEMO" node:

- Node Name: INTERNETDEMO
- ALN Name: BACNETLBN2
- Site Name: SITE02
- UDP Port: 47808
- IP Configuration:
 - Radio button selected: Static IP
 - Static IP Address: 172.22.170.6
 - Subnet Mask: 255.255.255.192
 - Default Gateway: 172.22.170.1
 - DNS Suffix: (empty)
 - DNS 1: 0.0.0.0

A modal dialog box titled "Backup to Flash" is displayed, stating "Backup to flash complete. Default Location" and "2014-10-31 10:09:18". It has an "Ok" button.

At the bottom of the main panel are buttons for Refresh, Backup to Flash, and Save.

MS/TP FLN device editor

194.138.216.36/wsroot/index.html

Apps FIN | Graphic - Siem... Google Siemens Fieldpanel ... Google

Logged in as rbs | 10/31/2014 Friday 10:13 AM Silence Setup Logoff

SIEMENS

Alarms 5 Unack 14 Faults Out Of Service Device Failures

Device/Points Graphics Reporting Trending Scheduling Create/Edit System Configuration

INTERNETDEMO

INTERNETDEMO

UNIT VENT

UNIT VENT1

VAV CTRL1

VAV CTRL2

Unnamed Object

MS/TP Device Editor

Object Name: * Unnamed Object

Description:

Application #:

Master Slave

Instance #:

Network #:

MAC Address:

Initial Value Priority: 15

Save Relinquish Default values? Yes No

Device Password:

Save

Panel Configuration

FLN

+ - Discover Devices Revert

MS/TP FLN device editor

The screenshot shows a web-based configuration interface for a Siemens SIMATIC system. The top navigation bar includes links for '194.138.216.36/wsroot/index.html', 'Apps', 'FIN | Graphic - Siem...', 'Google', 'Siemens Fieldpanel ...', 'Google', and a star icon. The top right shows the user is 'Logged in as rbs | 10/31/2014 Friday 10:13 AM' with options to 'Silence', 'Setup', and 'Logoff'. The main header features the 'SIEMENS' logo.

The left sidebar contains links for 'Device/Points', 'Graphics', 'Reporting', 'Trending', 'Scheduling', 'Create/Edit', and 'System Configuration'. Below these are icons for 'Panel Configuration' (gear and screen) and 'FLN' (cable).

The central workspace has tabs for 'Panel Configuration Editor', 'ALN Node Table Editor', 'Change Panel Time', and 'FLN Editor' (which is active). On the left of the workspace is a tree view under 'INTERNETDEMO' showing nodes: INTERNETDEMO, UNIT VENT (selected), UNIT VENT1, VAV CTRL1, and VAV CTRL2.

The main content area is titled 'MS/TP Device Editor' and displays the configuration for the selected 'UNIT VENT' node. The form fields include:

- Object Name: * UNIT VENT
- Description: BLDG990.FLR2.LAB
- Application #: 6679
- Master (radio button selected)
- Slave (radio button unselected)
- Instance #: 704
- Network #: 1309
- MAC Address: 4
- Initial Value Priority: 15
- Save Relinquish Default values? Yes (radio button selected)
- No (radio button unselected)
- Device Password: (empty field)

At the bottom of the configuration window are buttons for '+', 'Discover Devices', 'Revert', 'Save', and 'Cancel'.

Edit TEC initial values

194.138.216.36/wsroot/index.html

Apps FIN | Graphic - Siem... Google Siemens Fieldpanel ... Google

Logged in as rbs | 10/31/2014 Friday 10:14 AM Silence Setup Logoff

SIEMENS

Alarms 7 Unack 14 Faults Out Of Service Device Failures

Device/Points Graphics Reporting Trending Scheduling Create/Edit System Configuration Panel Configuration Editor ALN Node Table Editor Change Panel Time FLN Editor TEC Initial Value Editor

INTERNETDEMO

INTERNETDEMO

UNIT VENT

UNIT VENT1

VAV CTRL1

VAV CTRL2

TEC Initial Value Editor

Update Panel Initialize TEC

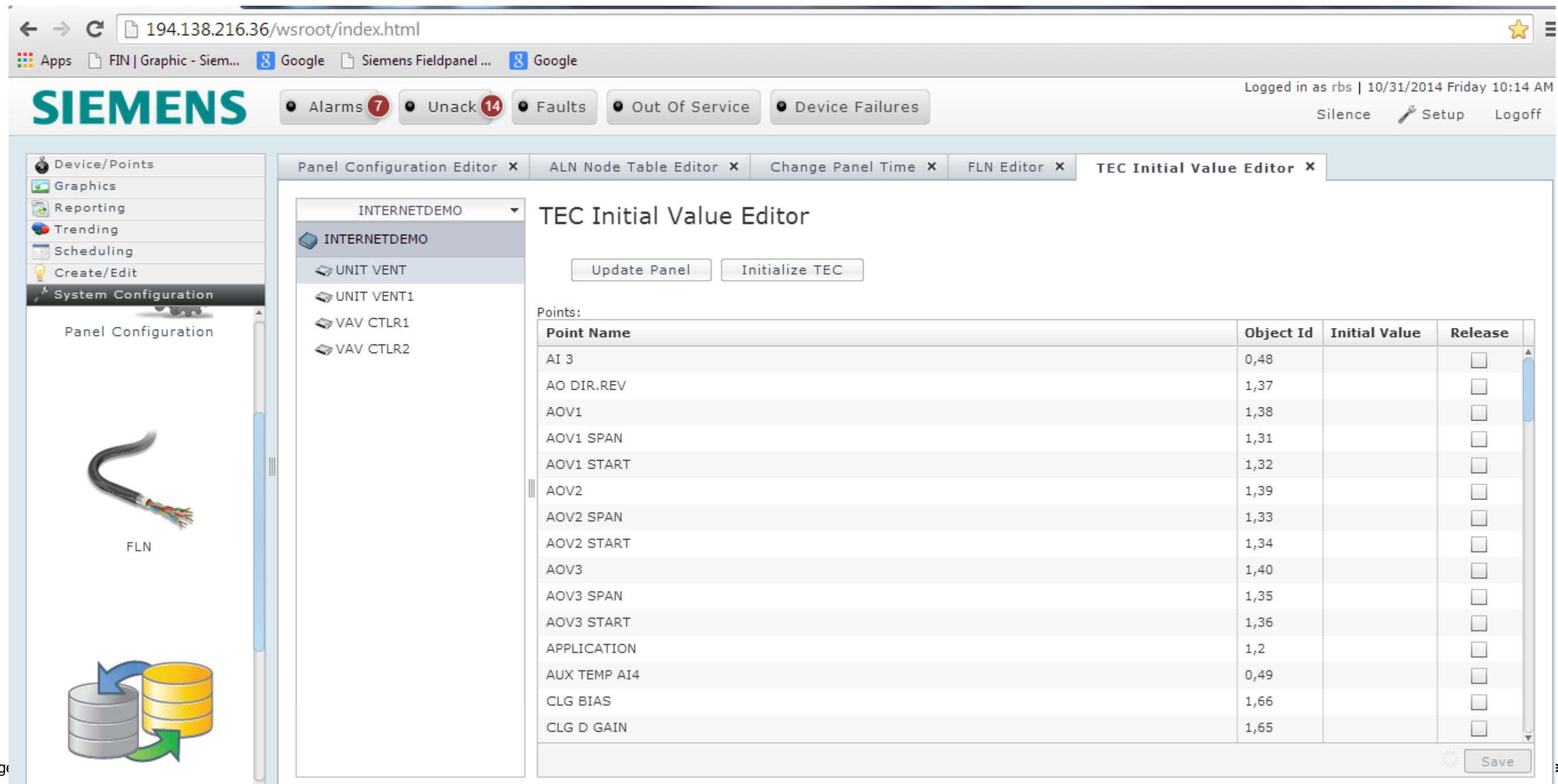
Points:

Point Name	Object Id	Initial Value	Release
AI 3	0,48		
AO DIR.REV	1,37		
AOV1	1,38		
AOV1 SPAN	1,31		
AOV1 START	1,32		
AOV2	1,39		
AOV2 SPAN	1,33		
AOV2 START	1,34		
AOV3	1,40		
AOV3 SPAN	1,35		
AOV3 START	1,36		
APPLICATION	1,2		
AUX TEMP AI4	0,49		
CLG BIAS	1,66		
CLG D GAIN	1,65		

Save

Page

erved.



Update field panel with initial values, initialize TEC, and release points from command

The screenshot shows the Siemens Fieldpanel software interface. The title bar indicates the URL is 194.138.216.36/wsroot/index.html. The top menu bar includes 'Apps', 'FIN | Graphic - Siem...', 'Google', 'Siemens Fieldpanel ...', and 'Google'. The status bar shows 'Logged in as rbs | 10/31/2014 Friday 10:15 AM' with links for 'Silence', 'Setup', and 'Logoff'. The main window features a 'SIEMENS' logo and a navigation bar with tabs: 'Device/Points', 'Graphics', 'Reporting', 'Trending', 'Scheduling', 'Create/Edit', and 'System Configuration'. The 'System Configuration' tab is selected, showing icons for 'Panel Configuration', 'FLN', and 'Database'. The central workspace has tabs: 'Panel Configuration Editor', 'ALN Node Table Editor', 'Change Panel Time', 'FLN Editor', and 'TEC Initial Value Editor'. The 'TEC Initial Value Editor' tab is active, displaying the 'INTERNETDEMO' project. A tree view on the left lists nodes: INTERNETDEMO, UNIT VENT, UNIT VENT1, VAV CTRL1, and VAV CTRL2. Below the tree is a table titled 'Points:' with columns: Point Name, Object Id, Initial Value, and Release. The 'Release' column contains checkboxes. Red arrows highlight the 'Update Panel' button, the 'Initialize TEC' button, the 'Release' column for the selected row (AOV1), and the 'Save' button at the bottom right. The table data is as follows:

Point Name	Object Id	Initial Value	Release
AI 3	0,48		<input type="checkbox"/>
AO DIR.REV	1,37		<input type="checkbox"/>
AOV1	1,38		<input checked="" type="checkbox"/>
AOV1 SPAN	1,31		<input checked="" type="checkbox"/>
AOV1 START	1,32		<input type="checkbox"/>
AOV2	1,39		<input type="checkbox"/>
AOV2 SPAN	1,33		<input type="checkbox"/>
AOV2 START	1,34		<input type="checkbox"/>
AOV3	1,40		<input type="checkbox"/>
AOV3 SPAN	1,35		<input type="checkbox"/>
AOV3 START	1,36		<input type="checkbox"/>
APPLICATION	1,2		<input type="checkbox"/>
AUX TEMP AI4	0,49		<input type="checkbox"/>
CLG BIAS	1,66		<input type="checkbox"/>
CLG D GAIN	1,65		<input type="checkbox"/>

Save

Database Manager provides system database back-up and restore

The screenshot shows the SIMATIC Manager interface on a web browser at 194.138.216.36/wsroot/index.html. The top navigation bar includes links for Apps, FIN | Graphic - Siem..., Google, Siemens Fieldpanel..., and Google. The top right shows the user is logged in as rbs on 10/31/2014 at 10:15 AM, with options for Silence, Setup, and Logoff.

The main window features a Siemens logo and several status indicators: Alarms (7), Unack (14), Faults, Out Of Service, and Device Failures. The Database Manager tab is selected in the tab bar, which also includes Panel Configuration Editor, ALN Node Table Editor, Change Panel Time, FLN Editor, TEC Initial Value Editor, and Database Manager.

The Database Manager panel displays instructions for device and file backups/restores. It includes a note about FLN application management and a section titled "Select a device".

Filter options include "Show FLN Device Type: ALL" and "Show FLN Application #: ALL".

The device list shows:

- INTERNETDEMO [7050] (selected)
- MSTP FLN 1309
 - UNIT VENT (PTEC)(6679)
 - UNIT VENT1 (PTEC)(6675)
 - VAV CTLR1 (PTEC)(6603)
 - VAV CTLR2 (PTEC)(6600)

A large red arrow points to the Database Manager icon in the bottom left corner of the interface.

Database Manager provides FLN application database management

The screenshot shows the Siemens Fieldpanel software interface. At the top, there is a navigation bar with icons for Apps, FIN | Graphic - Siem..., Google, Siemens Fieldpanel ..., and Google. The title bar displays the URL 194.138.216.36/wsroot/index.html. On the right side of the title bar, it says "Logged in as rbs | 10/31/2014 Friday 10:16 AM" and includes links for Silence, Setup, and Logoff.

The main header features the SIEMENS logo. Below the header, there are several status indicators: Alarms (7), Unack (14), Faults, Out Of Service, and Device Failures. To the right of these indicators, there are buttons for Silence, Setup, and Logoff.

The central workspace contains several tabs: Panel Configuration Editor, ALN Node Table Editor, Change Panel Time, FLN Editor, TEC Initial Value Editor, and Database Manager (which is currently selected). The Database Manager tab has the following content:

- Two radio button options:
 - Device: ALN device backup/restore, FLN device backup, FLN application management* from source device
 - File: FLN application management* from source file
- A note: *FLN application management can include updating an FLN application description in supervising panels and restoring an FLN application database to one or more FLN devices.
- A section titled "Select File(s) for FLN Application Management":
 - Select both the .pgm file and the .obj file for a PTEC application.
 - Select the .db file for a UEC/PANEL application.
- A "Browse to select file(s)..." button.
- A note at the bottom: ***To restore an ALN panel database from a file, select the Device radio button, select the ALN panel device, then select the Restore from PC button.

On the left side of the interface, there is a vertical sidebar with icons for Device/Points, Graphics, Reporting, Trending, Scheduling, Create/Edit, and System Configuration. Below these icons, there is a "Panel Configuration" section featuring an image of a cable labeled "FLN". At the bottom of the sidebar, there is a large red arrow pointing towards the "Database Manager" icon, which depicts two stacked cylinders with arrows indicating data flow.

Create and edit User accounts

The screenshot shows the Siemens Web-based User Interface. The top navigation bar includes a back button, forward button, refresh button, and a URL field showing 194.138.216.36/wsroot/index.html. Below the URL is a toolbar with icons for Apps, FIN | Graphic - Siem..., Google, Siemens Fieldpanel..., Silence, Setup, and Logoff. The main header features the SIEMENS logo. Below the header, there are status indicators for Alarms (7), Unack (14), Faults, Out Of Service, and Device Failures. The right side of the header shows the user is logged in as rbs on 10/31/2014 at 10:17 AM. A sidebar on the left contains links for Device/Points, Graphics, Reporting, Trending, Scheduling, Create/Edit, System Configuration (which is selected), FLN, and Database Manager. The Database Manager icon features two cylinders with arrows. The main content area has tabs for Panel Configuration, ALN Node Table, Change Panel Time, FLN Editor, TEC Initial Value, Database Manager, and User Account E... (which is active). The User Account Editor page displays a list of users (AHR, demo, GST, HIGH, LOW, MED, rbs) on the left. On the right, the 'User info' tab is selected, showing fields for Account name (*demo), User initials (*demo), Password, Verify password, Password expire limit (0 days), Language (English), Time format (HH:MM:SS), Date format (MM/DD/YYYY), and checkboxes for Log-off automatically (checked) and Auto log-on to PXM10T devices. A red arrow points to the 'User info' tab. A large red arrow points to the 'Save' button at the bottom right. At the bottom left, another red arrow points to the 'Page' link.

Create users and define passwords and effective date/time
and auto log-off information

Save

Change existing user passwords and permissions

The screenshot shows the Siemens SIMATIC Manager interface on a web browser at the URL 194.138.216.36/wsroot/index.html. The browser's address bar and tab bar are visible at the top.

The main interface includes a navigation bar with icons for Device/Points, Graphics, Reporting, Trending, Scheduling, Create/Edit, System Configuration, Database Manager, and Users. The Database Manager icon features a database symbol with arrows.

The title bar displays the Siemens logo and the status "Logged in as rbs | 10/31/2014 Friday 10:18 AM". It also includes links for Silence, Setup, and Logoff.

The central workspace contains several tabs: Panel Configuration, ALN Node Table, Change Panel Time, FLN Editor, TEC Initial Value, Database Manager, and User Account E... (which is active).

The User Account Editor window is open, showing a list of users: AHR, demo, GST, HIGH, LOW, MED, and rbs. The "demo" user is selected. The window has two tabs: "User info" and "Permissions".

The "Permissions" tab is active, showing configuration for Point, Alarm, and Hardware access levels. For the "demo" user, "Point" access is set to "Command", "Alarm" access is set to "Edit", and "Hardware" access is set to "Read Only".

A modal dialog titled "Password Reset" is displayed over the "Permissions" tab. It is titled "Change User Password" and contains fields for "Username" (set to "rbs"), "Old Password", "New Password", and "Verify password". There are "Cancel" and "Save" buttons at the bottom.

At the bottom of the interface, there are "Revert" and "Save" buttons.

Edit Users permissions and rights

The screenshot shows the Siemens Fieldpanel software interface. On the left, there's a sidebar with icons for Device/Points, Graphics, Reporting, Trending, Scheduling, Create/Edit, System Configuration (which is selected), FLN, and Database Manager. The main area has tabs for Panel Configuration, ALN Node Table, Change Panel Time, FLN Editor, TEC Initial Value, Database Manager, and User Account E... (the latter is highlighted). Below these tabs, there's a 'Users' list with icons: AHR, demo (selected), GST, HIGH, LOW, MED, and rbs. To the right of the users list is a 'Permissions' section. A red arrow points to the 'Permissions' tab. The permissions section lists various application categories (Point, Alarm, Trend, Application, PPCL, FLN, Scheduler, System, Diagnostic, User, Hardware) with four radio button options: No Access, Read Only, Command, or Edit. Most categories have 'Read Only' selected. A second red arrow points to the 'Save' button at the bottom right of the screen.

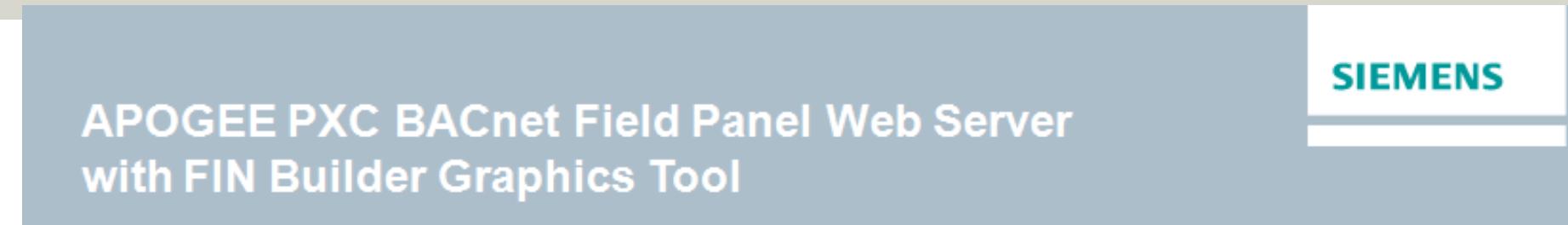
Select No Access, Read Only, Command or Edit based on application

Save

Field Panel Web Server and Kiosk demo site training

FPWeb UI	Kiosk
Features overview	Features Overview
Log-in	Log-in
Navigation	Graphics / Dashboards
Applications (graphics, trends, alarms, schedules, reports)	Application MC
Create/Edit	
Configure System	

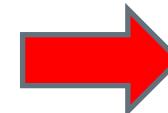
Key features of Field Panel Web Server Graphics Kiosk



Kiosk

Requires:

- LSM-FPWEBPLHST license on at least one PXCM or PXC36 to host graphics
- LSM-FPWEBPL license on PXC16, PXC24, PXC36, PXCM with data server responsibilities

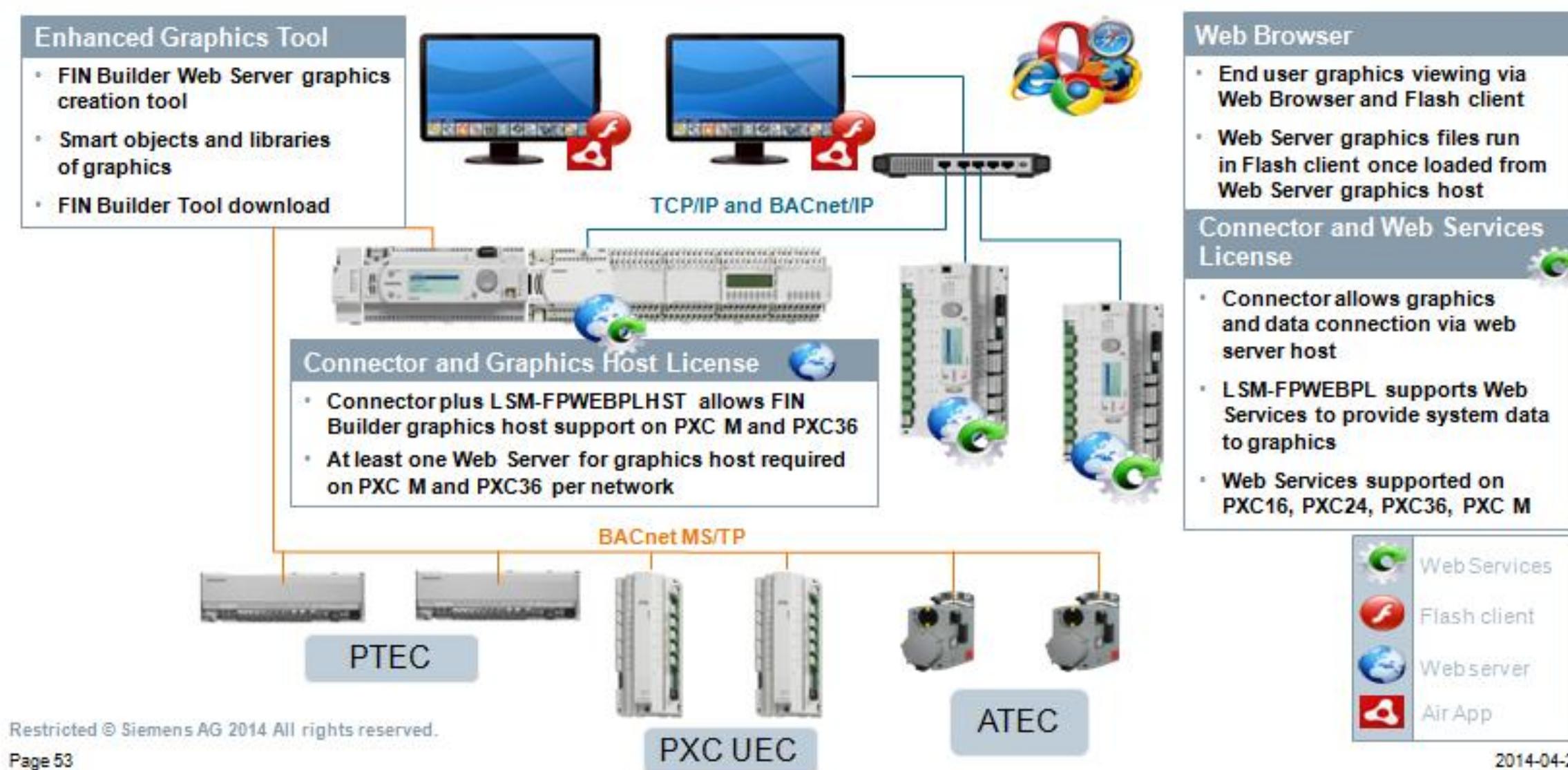


BACnet Web Server with FIN Builder Tool and LSM-FPWEBPLHST and LSM-FPWEBPL License			
Web Server Graphics with FIN Builder Tool 3D graphical display and control of building status with dashboard and snap together graphics components	Alarm Management (Free) Detailed overview of alarms and fault conditions with alarm notification to cell phones and e-mail	Scheduler (Free) Common programming of all time and date controlled building functions	PPCL Programming with Assist (Free) Complete end-user access to editing devices, objects, and programs in a browser
Trend Viewer (Free) Easy analysis of trend data to optimize operation	Reporting (Free) Build and view status reports for all system components	Web Access (Free) Secure web access to view, control and configure your system from anywhere	Controller and System Configuration (Free) Controller and System Configuration Tools with easy to use web page interface

APOGEE Field Panel Web Server architecture including Kiosk, App MC with FIN Builder support

APOGEE BACnet Field Panel Web Server supporting FIN Builder graphics editing tool

SIEMENS



Field Panel Web Server and Kiosk demo site training

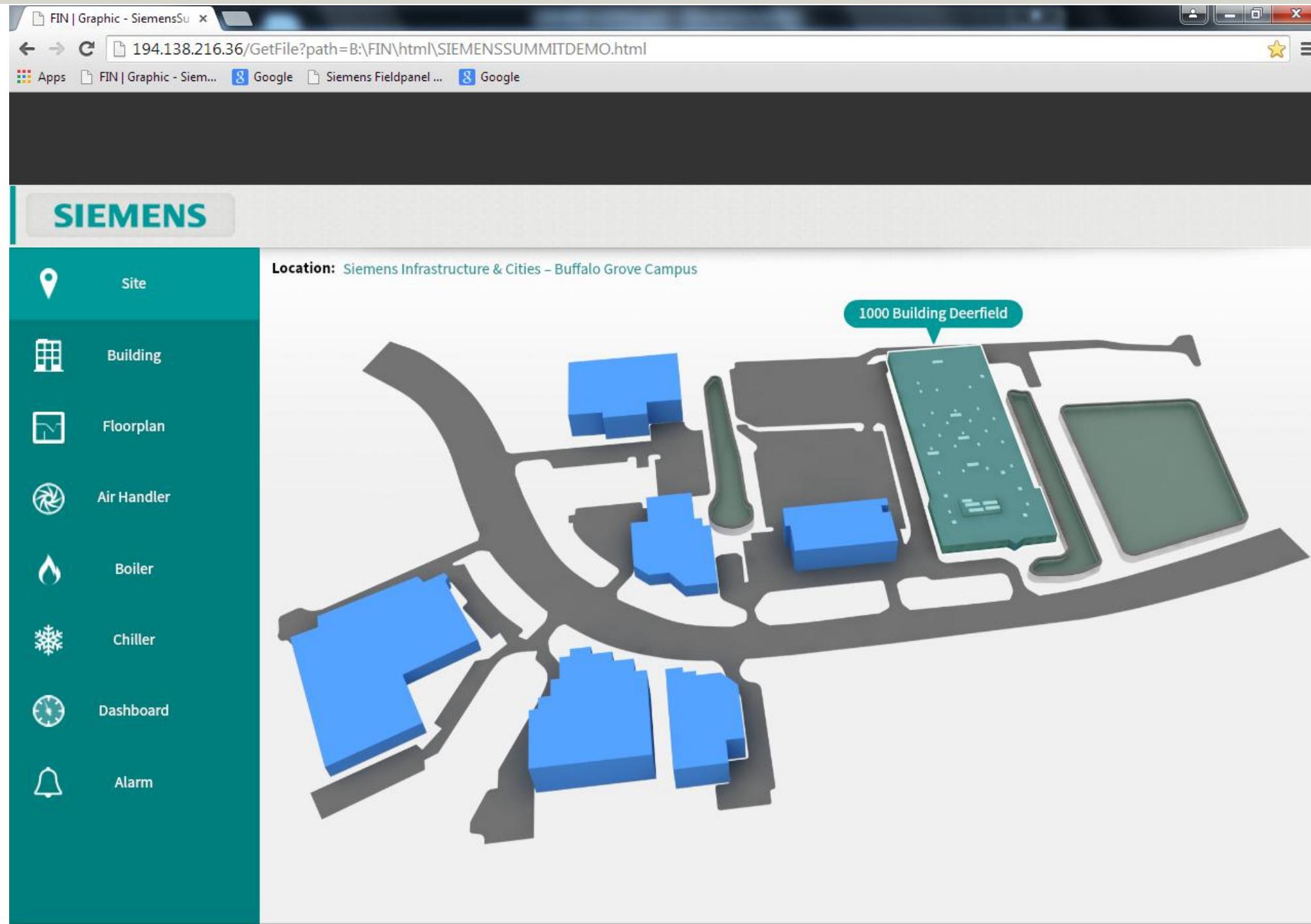
FPWeb UI	Kiosk
Features overview	Features Overview
Log-in	Log-in
Navigation	Graphics / Dashboards
Applications (graphics, trends, alarms, schedules, reports)	Application MC
Create/Edit	
Configure System	

Select Kiosk to view Kiosk graphics made with FIN Builder graphics creation Tool

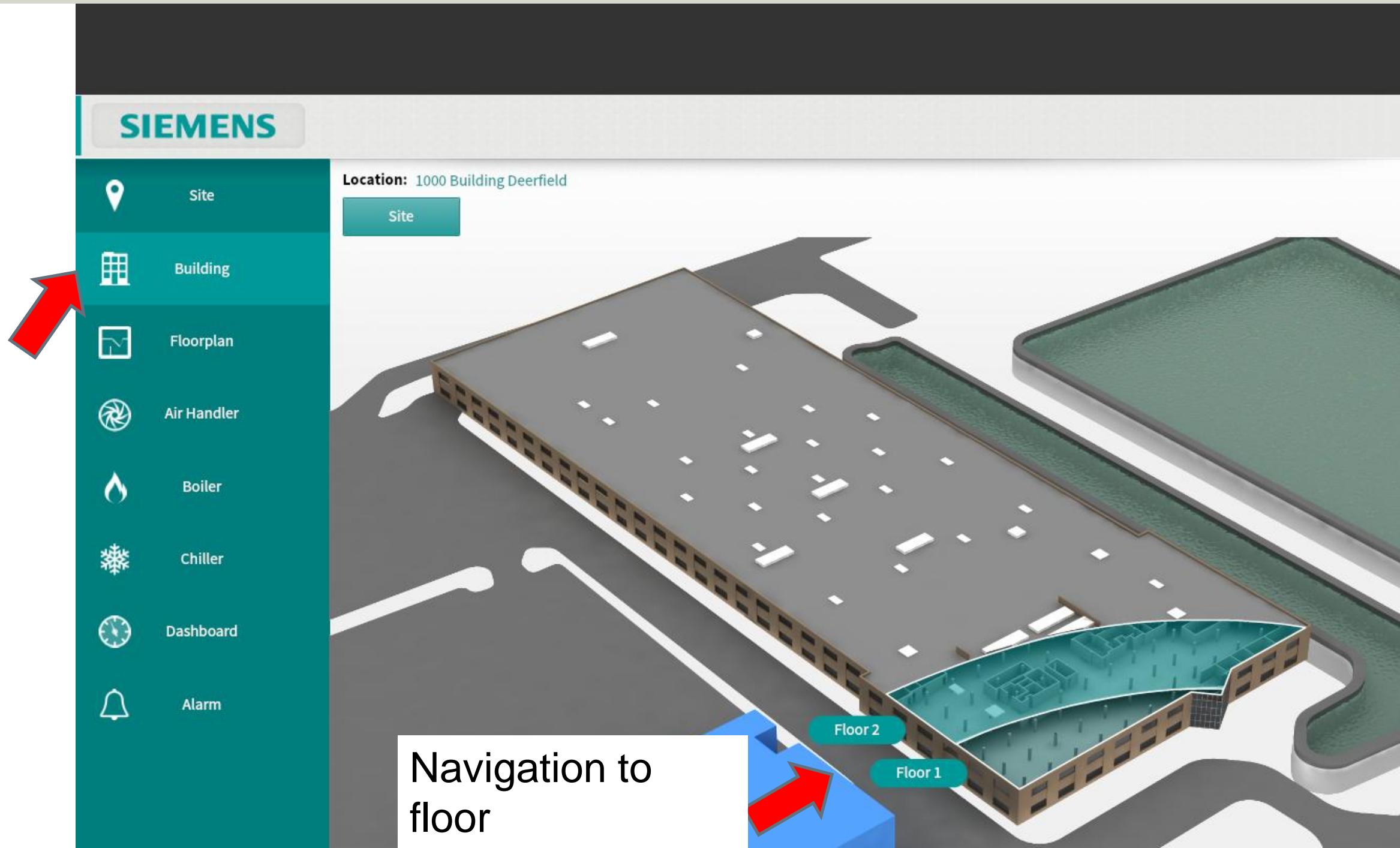


Enter campus view in Kiosk

Navigation to building, floor, systems



Building and Floor View



Floor plan graphic in Kiosk view

Site

Building

Floorplan

Air Handler

Boiler

Chiller

Dashboard

Alarm

Location: Floor 1

Building

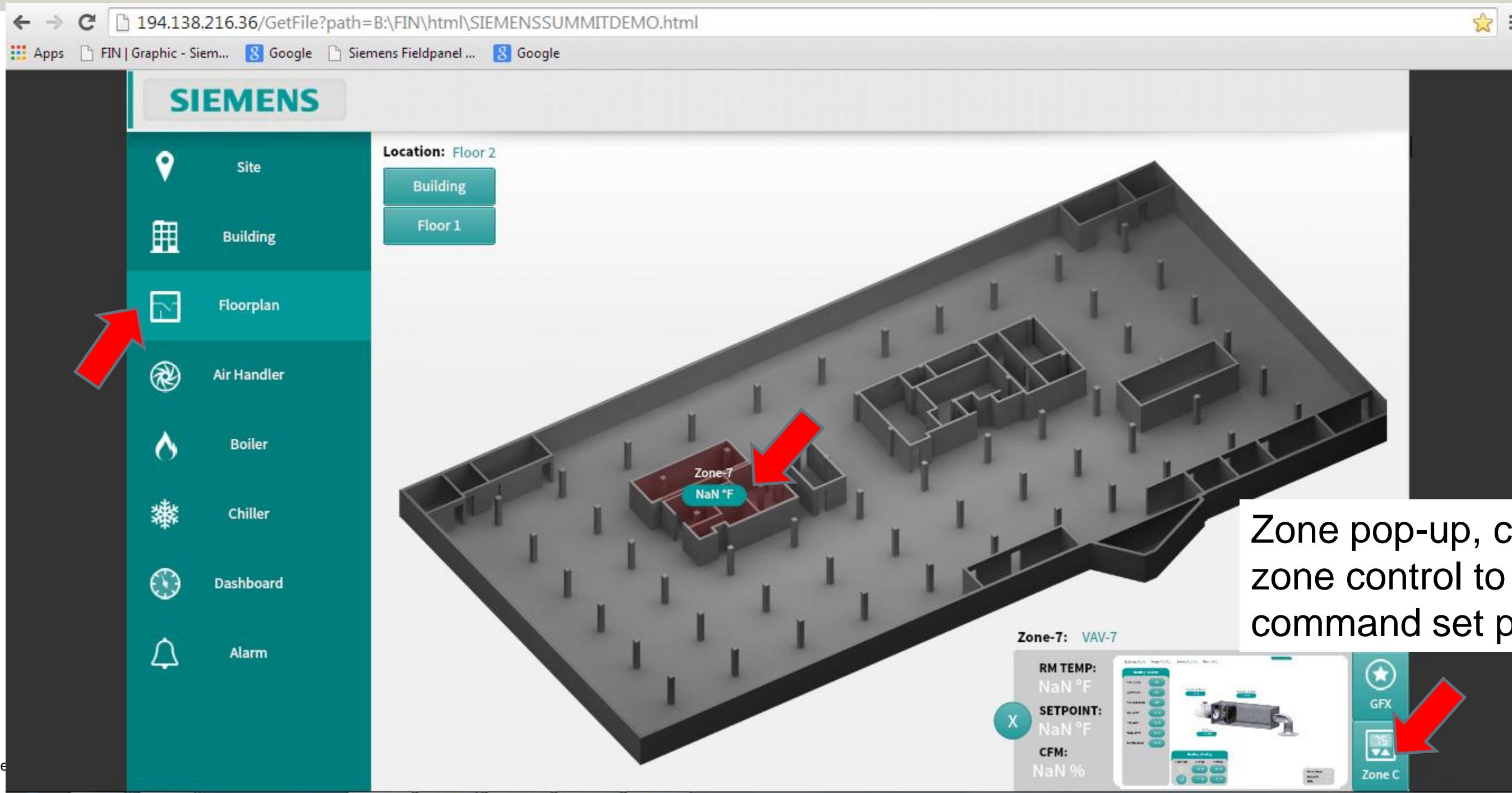
Floor 2

Navigation to building and floor

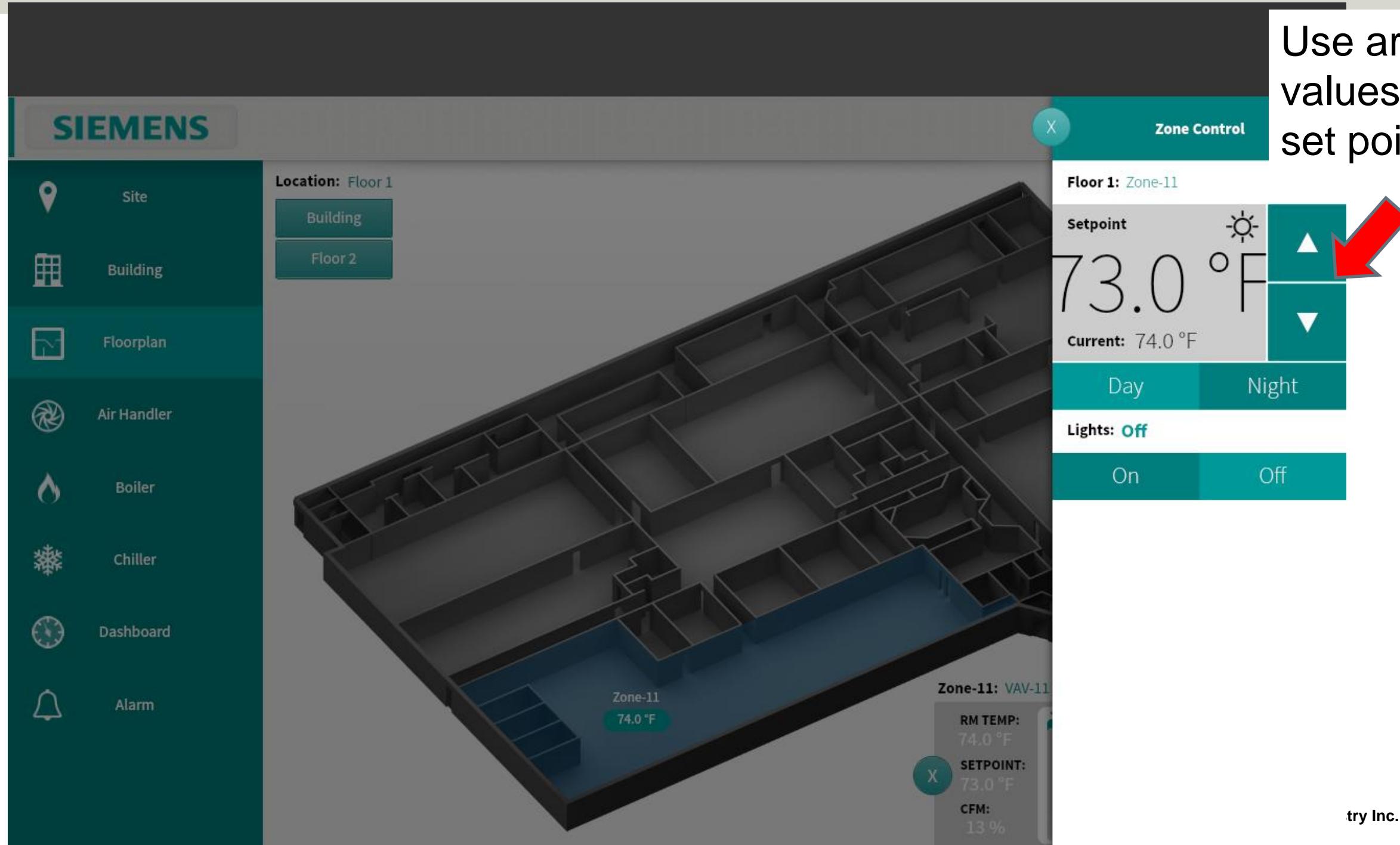
Zone-11
74.0 °F

Navigation to zone

From Floor Plan graphic, see zone status

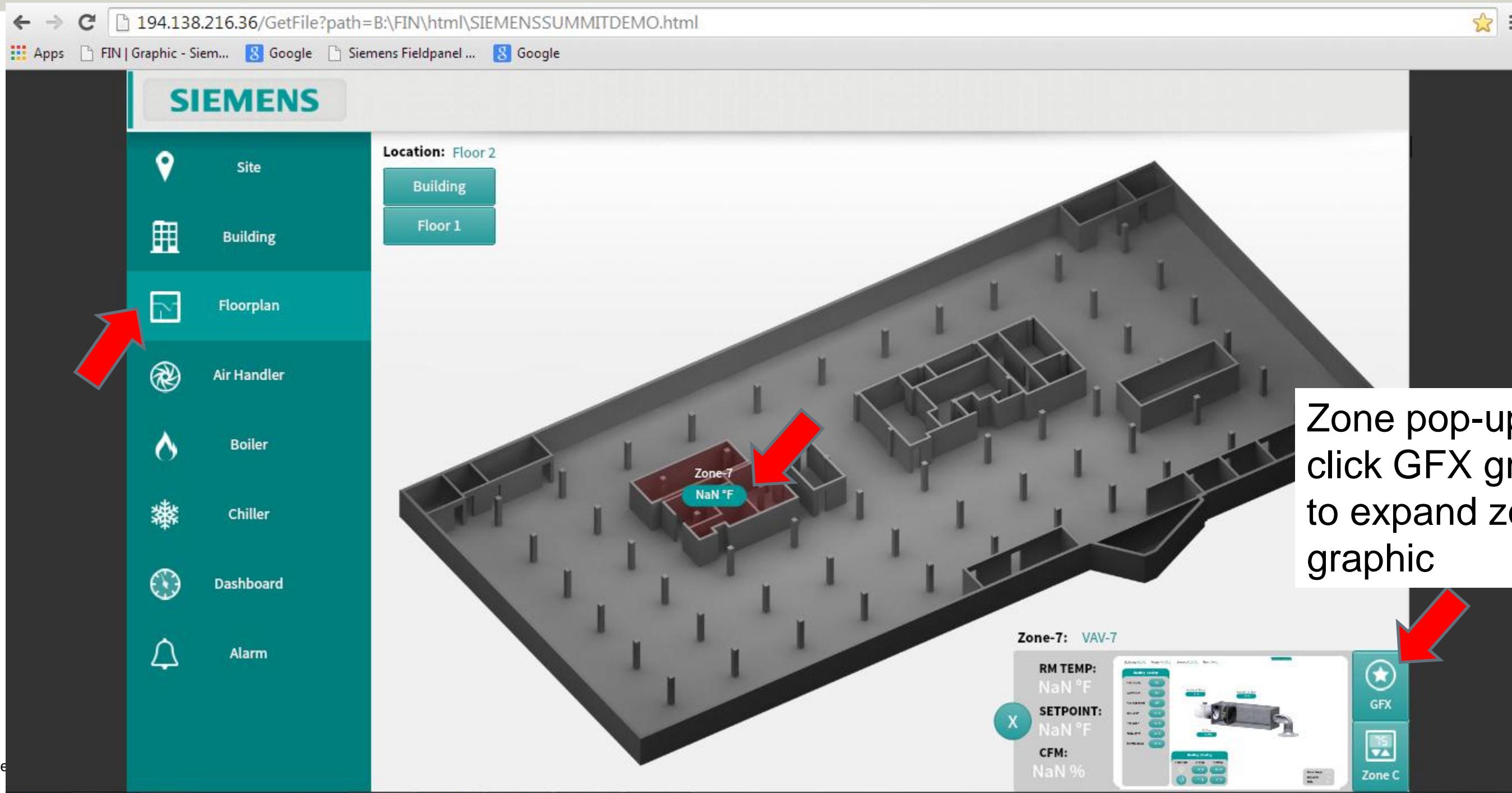


Command zone set points in Kiosk view



Use arrows or values to command set points

From Floor Plan graphic, see zone status



VAV application as viewed in Kiosk view

194.138.216.36/GetFile?path=B:\FIN\html\SIEMENSSUMMITDEMO.html

Apps FIN | Graphic - Siem... Google Siemens Fieldpanel ... Google

SIEMENS

Location: Floor 2

Building: BLDG2 Room: ROOM2 Serves: FLOOR1 Unit: AHU1

Heating | Cooling

HEAT/COOL Off
DAY/NIGHT Off
NGT OVERRIDE On
CLG LOOP NaN %
HTG LOOP NaN %
FLOW STPT NaN %
DMPER COMD NaN %

Supply Air Temp NaN °F
Damper Position NaN %

Air Flow NaN %



Heating | Cooling

Setpoints Cooling Heating
NaN °F NaN °F
NaN °F NaN °F

Room Temp: NaN °F
Setpoint: NaN °F
CO2: NaN ppm

Page served.

Air Handling Unit graphic in Kiosk view

SIEMENS

Unit: AHU-01 **Location: Building-01** **Serves: Floor-01**

Outside Air: 50.0 °F
Humidity: 0 rh

The graphic displays the following data points:

- EAD: 70.00
- RAV: 500 ft³/m
- RAF: ON
- RAT: 68.5 °F
- RAH: 46.0 %
- RSP: 0.5in H²O
- MAD: 0.00
- SF: ON
- SAT: 60.00000°F
- OAD: CLEAN
- Filter: CLEAN
- HWV: 0.0 %
- CHWV: 0.0 %
- SAV: 450.00

A red arrow points to the "Air Handler" icon in the sidebar.

Boiler graphics in Kiosk view

SIEMENS

Unit: Hot Water Systems Location: Floor Basement Serves: Low & Medium Pressure Steam

Site Building Floorplan Air Handler Boiler Chiller Dashboard Alarm

BLR-01
ON

BLR-02
ON

BLR-03
OFF

HWR
170.58 °F

HWS
184.89 °F

HWP-01
ON

HWP-02
ON

HWP-03
OFF

BLR-01 Status: ON SPUMP: OFF TMP: 170 °F ISOV: Close
BLR-02 Status: ON SPUMP: OFF TMP: 180 °F ISOV: Close
BLR-03 Status: OFF SPUMP: OFF TMP: 175 °F ISOV: Close

Chiller graphic in Kiosk view

SIEMENS

- Site
- Building
- Floorplan
- Air Handler
- Boiler
- Chiller
- Dashboard
- Alarm

Unit: Chilled Water Systems Location: Basement Serves: Chilled Water System

CH-01 Status: ON CWV: OPEN CHWV: OPEN TEMP: 45.0 °F
CH-02 Status: ON CWV: OPEN CHWV: OPEN TEMP: 45.0 °F
CH-03 Status: OFF CWV: Off CHWV: OPEN TEMP: 45.0 °F

CHWS: 38.30 °F CHWR: 58.00 °F

CWP-01 OFF CWP-02 OFF CWP-03 OFF
CHWP-01 ON CHWP-02 ON CHWP-03 OFF

ON ON
CH-02 ON
CH-03 OFF

Field Panel Web Server and Kiosk demo site training

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Create/Edit	
Configure System	

Select Kiosk to open App MC

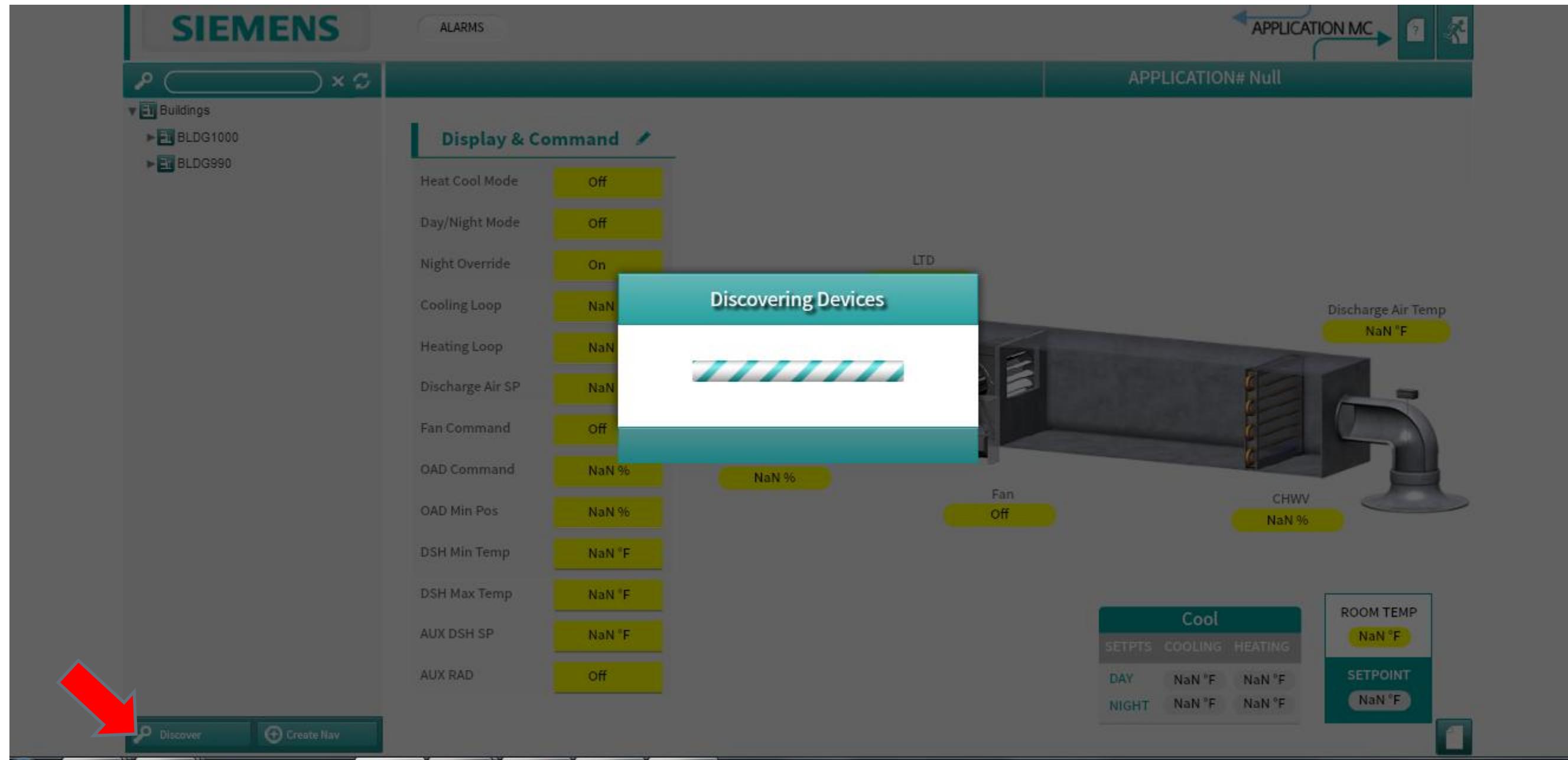


App MC for automatically built zone graphics based on Applications



Click Discover to discover MS/TP devices

Siemens PTEC and ATEC devices with standard applications have default graphics



Fan Coil application default graphic as viewed in App MC

194.138.216.36/GetFile?path=B:\FIN\html\APPLICATIONMC.html

Apps FIN | Graphic - Siem... Google Siemens Fieldpanel ... Google

SIEMENS ALARMS APPLICATION MC ? HELP

Buildings BLDG1000 FLR1 LAB VAV CTR1 VAV CTR2 FACTOR UNIT VENT1 BLDG990

Display & Command

Heat Cool Mode	Off
Day/Night Mode	Off
Night Override	On
Cooling Loop	NaN %
Heating Loop	NaN %
Discharge Air SP	NaN °F
Fan Command	Off
OAD Command	NaN %
OAD Min Pos	NaN %
DSH Min Temp	NaN °F
DSH Max Temp	NaN °F
AUX DSH SP	NaN °F
AUX RAD	Off

LTD Off

OAD Position NaN %

Fan Off

CHWV NaN %

Discharge Air Temp NaN °F

Cool

SETPTS	COOLING	HEATING
DAY	NaN °F	NaN °F
NIGHT	NaN °F	NaN °F

ROOM TEMP NaN °F

SETPOINT NaN °F

Discover Create Nav

Page 1 of 1

VAV application default graphic as viewed in App MC

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Apps FIN | Graphic - Siem... Google Siemens Fieldpanel ... Google

SIEMENS ALARMS APPLICATION# NaN

Display & Command

- Heat Cool Mode Off
- Day/Night Mode On
- Night Override On
- Cooling Loop NaN %
- Heating Loop NaN %
- Flow Setpoint NaN %
- Dmpr Command NaN %
- Heat Valve 1 NaN %

Damper Position NaN %

Air Flow NaN ft³/m

Heat Valve 1 NaN %

Discharge Air Temp NaN °F

Cool

SETPTS	COOLING	HEATING
DAY	Nan °F	Nan °F
NIGHT	Nan °F	Nan °F

ROOM TEMP NaN °F

SETPOINT NaN °F

Discover Create Nav

Page served.