SIEMENS
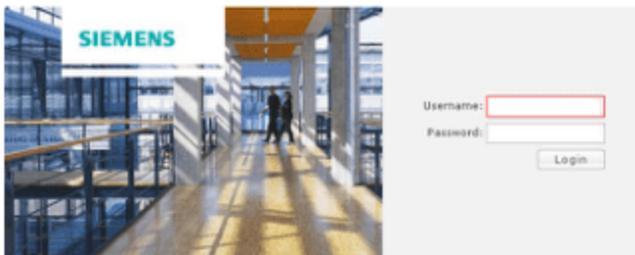
Field Panel Web Server

The Field Panel Web Server provides a Web-based Graphical User Interface (GUI) compatible with BACnet® networks. Using the Web Server, the facility operator can easily monitor and control the APOGEE® Building Automation System through an intuitive Web-based user interface.

Description

The Web Server allows system-wide access through a single log-in. Web pages are populated with data from any BACnet IP-enabled PXC controller and associated Field Level Network (FLN) devices.

The Web Server runs on standard PXC controllers, eliminating the need for separate high-cost "web appliances" or dedicated web servers. This means that the same APOGEE field panel can serve as an automation controller, with full building automation and I/O features, and provide the user with system information and access via a web browser.

The use of web services for communication ensures that any web browser with Adobe® Flash® is able to access the Field Panel Web Server.

A Web Server-enabled controller can accommodate an unlimited number of user accounts and simultaneous users.

Security

The Web Server is secured from IT security threats by means of password-protected operator access. The Web Server uses password encryption. User accounts can be individually configured for customized access privileges. Operator sessions may be configured to automatically log off during periods of user inactivity.

The Field Panel Web Server is compatible with standard IT security policies and tools established within a particular facility, and can be protected within that environment.

Browser/Client Requirements

- Session cookies enabled
- Adobe® Flash® Player Plug-in 10.1 or later installed

Features

The Field Panel Web Server encompasses the following operator applications:

- Graphical Monitoring and Control
- Network Layout
- System Status Bar
- Alarm Status and Acknowledgement
- Point Commanding
- Scheduling
- Reporting
- Graphical Trend Display
- User Interface Customization
- Online Database Editing

EFTA01105073
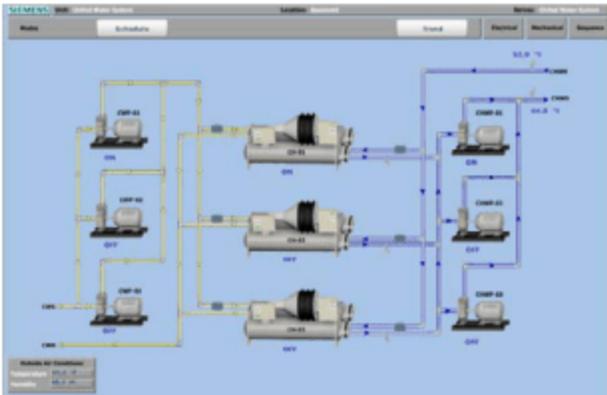
Graphics

- Customized system graphics
- Live animation of equipment
- Real-time point values and status updates
- Link to system schedule and\ or historical trend

Network Layout
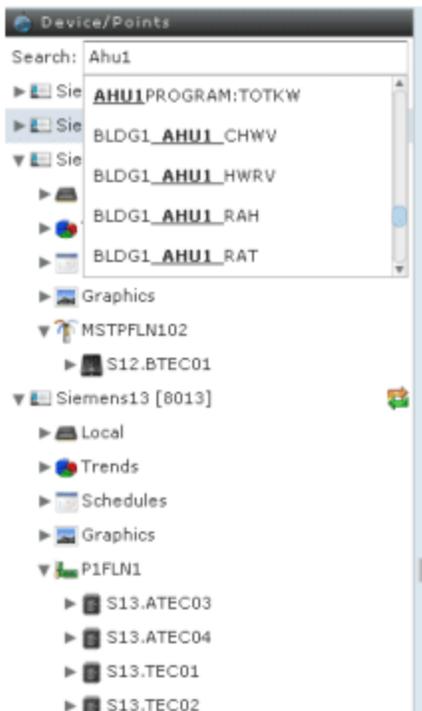
- View network layout
- View BACNET MS/TP and P1 FLNs
- Navigate to other Web-enabled panels
- Search database for individual points

System Status Bar

- Visual indication of new alarms and unacknowledged alarms
- Visual indication of out of service, faults, and failed devices

Alarm Status and Acknowledgement

- Ability to view, filter, and acknowledge system alarms from a single page

Point Commanding

- Change point values
- Place points "Out of Service"
- Command BACnet MS/TP and P1 FLN points

Scheduling

- View schedules in a daily, weekly, or monthly view
- Add and delete schedules
- Create exceptions for existing schedules

Siemens Industry, Inc.

EFTA01105074

Reporting

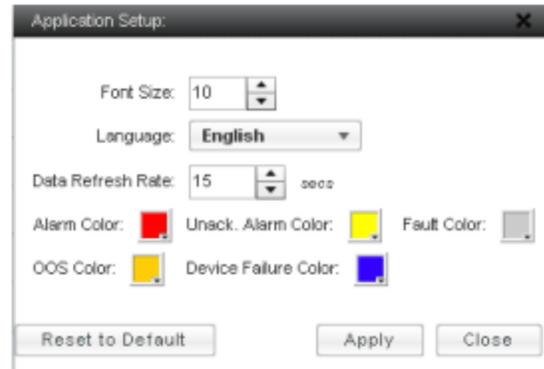

- Generate Point Log Report with multiple filters

Graphical Trend Display
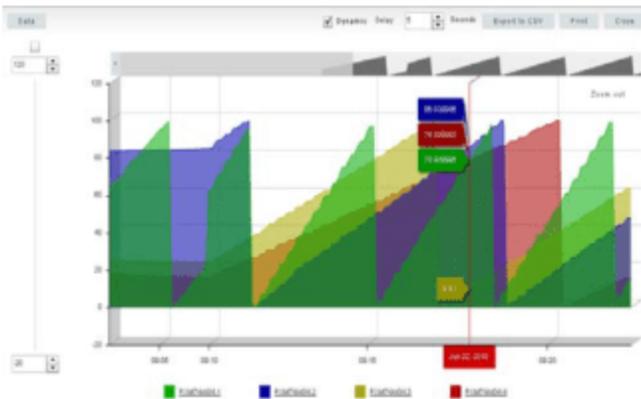
- Ability to view one or more trends on a single display
- Ability to view raw data values and export to CSV file

- Print trend graph to network printers

User Interface Customization

- Custom Welcome Page
- User interface translatable to any browser-supported language
- Ability to customize font sizes and display colors

Online Database Editing

- Database Configuration
  - Add/ Modify/ Delete points
  - Add/ Modify/ Delete trend definitions
  - Add/ Modify/ Delete Event Enrollment Objects
  - Add/ Modify/ Delete Notification Class Objects
- Schedule
  - Add/ Modify/ Delete schedules
  - Add/ Modify/ Delete Command Objects
  - Add/ Modify/ Delete Calendar Objects
- Custom Program Editor
  - Add/ Modify/ Delete programs
  - View and clear program trace bits
  - View disabled, unresolved, and comment lines
- FLN Devices
  - Add/ Modify/ Delete FLN Devices
  - Set and Release TEC Initial values
- User Account
  - Add/ Modify/ Delete user accounts
  - Change user passwords

Graphics Creation and Editing

- Graphics configuration tool allows remote\ offline creation, modification, and deletion of graphics.

- Library of predefined graphic backgrounds

- Ability to import standard image formats (.png, .jpg, and, .gif)

Siemens Industry, Inc.

EFTA01105076

Field Panel Web Server

At least one PXC Compact 36 or PXC Modular controller with firmware 3.2.2 is required on each network. Data from every controller that has the Web Services license enabled will be automatically displayed.
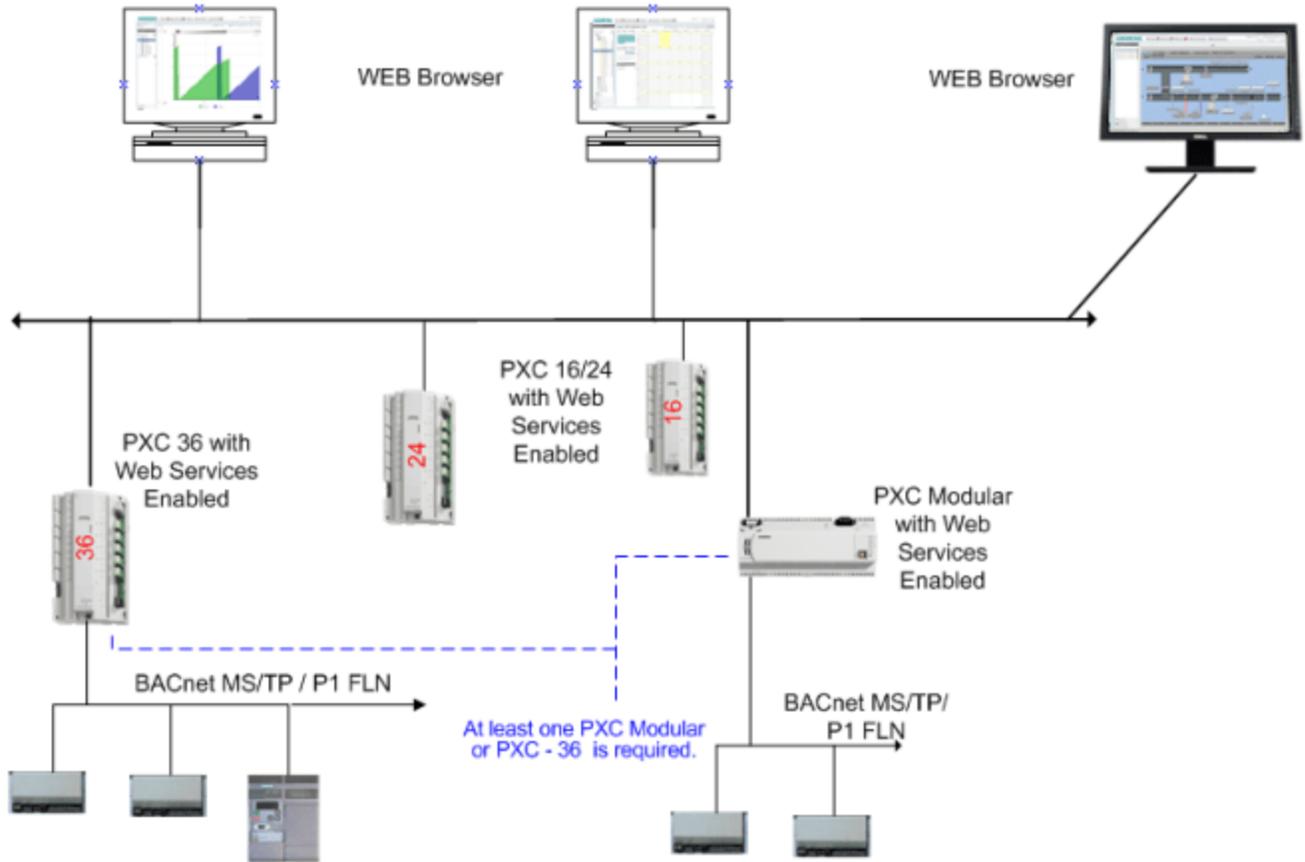

Figure 1 Field Panel Web Server

EFTA01105077

Specifications

Supported BACnet Field Panels	BACnet IP-based PXC Modular
	BACnet IP-based PXC Compact 16/24/36
	Note: At least one PXC Modular or PXC 36 is required on each network
Web Browser	Internet Explorer 6.0 or later, or Firefox 3.6 or later with Adobe Flash Player Plug-in 10.1 or later is supported
	Any browser capable of running and displaying Adobe Flash Player Plug-in 10.1 or later is compatible.

Ordering Information

Description	Part Number	SSN
Field Panel Web Services License	LSM-FPWEB	P55801-Y104
Field Panel Graphic Editor	571-214	S55801-Y139

EFTA01105078