SIEMENS

BACnet Field Panel Web Server

Quick Start Guide

Building Technologies

BACnet Field Panel Web Server

Welcome to *BACnet Field Panel Web Server*, a field panel product that provides a Web-based user interface to the APOGEE® Automation System. BACnet Field Panel Web Server is an Adobe Flash application that can interact with BACnet field panels that use Firmware 3.2.2 or later and have the **Web Services** option enabled. The BACnet Field Panel Web Services license enables field panel data access over http.

The Graphical User Interface software or files can only be loaded into a PXC Modular or PXC-36 controller. Due to space constraints, the Web Server user interface host graphics cannot be loaded into a PXC-16 or PXC-24 controller.

Once loaded into a panel on the network, the user interface can be accessed from any compatible Web browser (see the *Browser Requirements* section). Through the browser, you can access and interact with any BACnet IP-enabled controller in the network that has the BACnet Field Panel Web Server license enabled.

Browser Requirements

- An Internet browser that supports Adobe Flash Player Plug-in Version 25.0.0.x or later, such as Microsoft Internet Explorer (IE) 9, 10 or 11, Edge 25 or later, Chrome, or Mozilla Firefox.

NOTE:
While the BACnet Field Panel Web Server has been tested with IE and Firefox, any browser that supports Flash Player 25.0.0.x can be used.

One of the following requirements must be met:

- The Field Panel Web Services license (LSM-FPWEB) must be enabled in each controller that the Web Server User Interface will access.
- The Field Panel Web Services license LSM-FPWEB must be enabled for each BACnet IP level PXC to host or provide COV change of value information to FINlite graphics, or
- The Field Panel Web Server Host and Service license LSM-FPWEBPLHST or LSM-FPWEBPL must be enabled on each BACnet IP PXC for FINlite or FIN Builder graphics.
- The Field Panel Web Server Host and Service license LSM-FPWEBPLHST or LSM-FPWEBPL must be enabled on each BACnet IP TC Compact or TC Modular based FIN Builder graphics.
- Cookies must be enabled. This can be done by selecting **Options** from the **Tools** menu in most browsers.
- Adobe Flash Player Plug-in Version 25.0.0.x or later. The user interface may prompt you to update if an older version of Adobe Flash Player is installed.
- Private browsing cannot be used, as it does not allow the storage of local data.

Loading and Upgrading the User Interface

Be sure that the Field Panel Web Services license (LSM-FPWEB) is enabled for each field panel that will be accessing FINlite graphics.

Be sure that the Field Panel Web Services license LSM-FPWEB for FINlite graphics or LSM-FPWEBPLHST and LSM-FPWEBPL enabled for each field panel that will be accessing FINlite or FIN Builder graphics.

Be sure that the Field Panel Web Services license LSM-FPWEBPLHST or LSM-FPWEBPL enabled for each field panel that will be accessing FIN Builder graphics.

When you log in using either of the default accounts ("high/high" or "med/med"), you are immediately prompted to change the password to something other than **high** or **med**.

> **NOTE:**
> It is recommended that you change the default password *before* loading or upgrading the User Interface files.

Loading or Upgrading the User Interface Using the Siemens Launch Pad

Complete this procedure to load or upgrade the User Interface file when using the Siemens Launch Pad (recommended method).

1. From the **Tools** menu in the Siemens Launch Pad tool, select **Deploy Web Server To Panel**.
    ⇨ The **Deployment** dialog box displays the version of the user interface you are about to install.

2. Enter the name or the IP address of the field panel to which you are deploying the user interface upgrade file.

3. Enter the user name and password.

4. Select which language files to deploy.

5. Click **Start**.
    ⇨ The progress bar displays.

6. Click **Close** when the installation is complete.

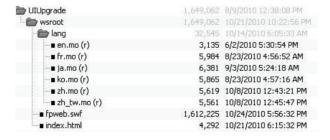## Loading or Upgrading the User Interface Using the Human-Machine Interface (HMI)

Complete this procedure to load or upgrade the User Interface file using the HMI.

1. Copy the **UIUpgrade** folder and its contents from Standard Apps/Beacon onto the root of a USB memory device (such as a thumb drive). Do not change the folder or file structure.

> **NOTE:**
> The files within the **UIUpgrade** folder include wsroot/fpweb.swf, as well as language (.mo) files and other support files.

📁 UIUpgrade		1,649,062	8/9/2010 12:38:08 PM
📁 wsroot		1,649,062	10/21/2010 10:22:56 PM
📁 lang		32,545	10/14/2010 6:05:33 AM
■ en.mo (r)		3,135	6/2/2010 5:30:54 PM
■ fr.mo (r)		5,984	8/23/2010 4:56:52 AM
■ ja.mo (r)		6,381	9/3/2010 5:24:18 AM
■ ko.mo (r)		5,865	8/23/2010 4:57:16 AM
■ zh.mo (r)		5,619	10/8/2010 12:43:21 PM
■ zh_tw.mo (r)		5,561	10/8/2010 12:45:47 PM
■ fpweb.swf		1,612,225	10/24/2010 5:56:32 PM
■ index.html		4,292	10/21/2010 6:15:32 PM

2. Insert the USB memory device into the USB port of the field panel.

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NOTE:
Due to USB memory device manufacturer, size, and contents, the time to detect the device will vary from several seconds to one or more minutes. You may verify that the device is attached by using the HMI commands **S, H, F, F, L** to list the available drives on the field panel, and confirm that Drive **B** is listed.

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3. At the HMI prompt, type **S, H, E, W, U** (**S**ystem, **H**ardware, **E**thernet, **W**ebserver, **U**iupgrade).

4. When prompted, type **Y** (Yes) and press **ENTER**.

⇨ The User Interface and support files will be installed from the USB memory device in the field panel's Drive **B** to the field panel's internal flash drive (IFD) and to the field panel's Drive **A**.

Connecting to the Web Server

1. Open a supported Web browser on the computer.

2. Type one of the following in the **Address** field:

   – IP address of the field panel.
   – Field panel node name/Fully Qualified Domain Name.

   ⇨ The **End User License Agreement (EULA)** page displays.

3. Click **Accept**.

⇨ The **BACnet Field Panel Web Server Welcome** page displays.

Logging On

● Type the user name and password of any ALN user account in the appropriate fields of the logon window and click **Login**.

If the logon is successful, a logon message is sent to all configured alarm printers.
The **Panel Navigation** screen displays a list of the connected field panels.

When you log in using either of the default accounts ("high/high" or "med/med"), you are immediately prompted to change the password to something other than **high** or **med**.

If you cannot log on to the BACnet Field Panel Web Server, see the *Troubleshooting* section of the *BACnet Field Panel Web Server User Guide* (125-3584).

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NOTE:
Auto Save is enabled by default. It is recommended that you leave the Auto Save feature enabled to ensure that the field panel database is backed up. For more information about Auto Save, see the *APOGEE BACnet ALN Field Panel User Manual* (125-3020).

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NOTE:
Auto Save is enabled by default. It is recommended that you leave the Auto Save feature enabled to ensure that the field panel database is backed up. For more information about Auto Save, see the *APOGEE BACnet ALN Field Panel User's Manual* (125-3020).

Logoff

You can end a BACnet Field Panel Web Server session by manually logging off or by allowing the system to automatically log off.

- Manually logging off immediately prevents unauthorized users from accessing to the system and reduces network traffic.
- Automatic logoff ends a BACnet Field Panel Web Server session after a period of inactivity at the browser. For more information, see the *User Interface Description for the User Account Editor* section.

Whenever a BACnet Field Panel Web Server session ends, the system sends a logoff message to all configured alarm printers and returns you to the BACnet Field Panel Web Server Login page.

BACnet Field Panel Web Server performs an automatic logoff after the auto-logoff delay time (defined in the User Account) expires.

- To log off manually, click the **Logoff** button on the right side of the Status Bar.

If the Web browser is closed without logging off, the session is closed after 20 minutes. It is not recommended to close the browser without a manual logoff or automatic logoff.