FOCALPOINT® GRAPHIC WORKSTATION

IP-Based Graphic User Interface



The FocalPoint Graphic Workstation is a graphical user interface used to connect to the 7100, E3 Series® and S3 Series fire alarm control panels via the gateway interface.

The FocalPoint Workstation is a high-performance industrial computer that provides text and color graphic display of fire alarm control panel network events and locations. This central command station displays systems' activities in real-time and can be connected to a proprietary or shared TCP/IP network. One workstation has the capacity of simultaneously monitoring multiple FocalPoint Gateways that can be connected to the following systems:

- E3 Series Networks
- 7100 Series Standalone
- S3 Series Standalone
- S3 Series Networks

The FocalPoint Graphic Workstation supports a broad scope of commercial, industrial, and institutional applications. The system can be configured to monitor multiple systems installed in remote locations to meet the facility requirements of multi-building complexes.

The workstation is used as a decision support tool by facilities management and security personnel. This workstation uses graphic images to display information that allows personnel to quickly evaluate the emergency and make prompt and informed decisions. From a single screen, a workstation operator can do the following:

- Magnify the facility map using the "zoom in" and "zoom out" feature to view floor plans or identify the location and type of multiple events.
- Monitor remote site activity and link multi-media (text, audio, video, and bitmaps) to any device.
- View the event history log on the same screen as the facility floor plans to evaluate the sequence of events.
- Print reports of system-wide events in real-time.
- Display History Manager records for operator, event, and response (with time and date stamp to disc).

FEATURES AND BENEFITS

- Listed to UL 864, 10th edition standard
- Equipped system maintenance to report and log trouble events
- Offers backup capability
- Stores system backups for screen, user, or history databases
- Acknowledge, Reset, and Silence FACP functions can be activated via the workstation when used with the following:
  - E3 Series
  - S3 Series
- Provides user-friendly system setup to import facility floor plans in any of the following formats:
  - CAD drawing exchange format files
  - Windows graphic metafiles
- Includes security profiles to provide multiple levels of access to different user types
- Provides automatic screen navigation to locate and zoom to the device related to an alarm or event, based on event priority
- Displays information labels to identify hazardous material (HAZMAT) and handicapped-accessible areas using fully linked media
- Adjustable, configurable windows provide flexibility to display information as desired
- Supports dual monitor displays to view graphics and text simultaneously
- Provides remote notification via email and text for all off-normal events

Honeywell

Gamewell FCI FIRE CONTROL INSTRUMENTS

GENERAL

Use this graphic workstation to evaluate complex situations and quickly make strategic decisions when monitoring the fire alarm control system. During an emergency, where information must be evaluated in seconds, using a small, LCD screen to navigate a fire alarm control panel is arduous and time-consuming. The Workstation greatly simplifies the management of medium to large size fire alarm control systems. Operators can use this workstation to view the status of multiple fire alarm systems and track system events in real-time from a central location.

FOCALPOINT WORKSTATION

The following lists the FocalPoint Workstation technical features:

- Rack-Mountable Intel® i7-4700EQ, 2.4GHz, QM87,4th Gen, (four cores/8 threads)
- 6 MB Cache
- 16 MB of system RAM
- 240 GB Solid-State Hard Drive
- Microsoft Windows 10 Enterprise 64 Bit
- Monitor Options:
  - 22" standard
  - 42" standard
  - 22" touchscreen
  - 42" touchscreen
- USB optical mouse and keyboard
- UL 864 10th Edition Listed (Fire)

Graphics:

The graphics' features are listed below.

- Graphic editing mode allows on-site programming of floor plan screens, device icons, functional and navigational buttons.
- Imports the following types of converted vector drawing files from CAD floor plan drawings:
  - .wmf
  - .gif
  - .jpg
  - .dxf
- Print graphics of floor plans and reports.
- Custom-designed, device icon colors that represent each event type.

Minimum System Requirements:

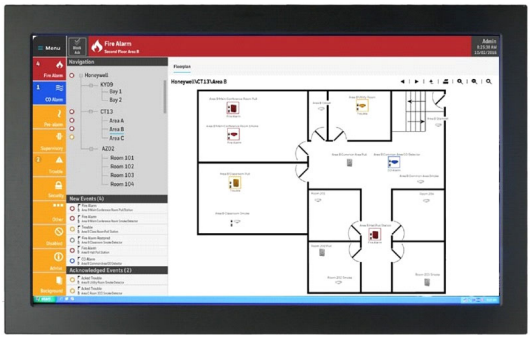
Minimum system requirements are as follows:

- Intel i7Processor or higher
- Windows 10 64-bit Enterprise
- 16 GB RAM
- 240 GB Hard Drive
- Regular or Touchscreen LCD monitor, minimum resolution of 280 x 1024 landscape mode
- Auxiliary ports:
  - One RS-232 port and serial cable for event printer operation
  - One parallel printer port for graphics printing
- Microsoft® compatible mouse
- 104-key keyboard
- USB Connector
- TCP/IP Ethernet network adapter card
- Speakers

NETWORK

The FocalPoint Graphic Workstation uses the Ethernet network.

The following figure illustrates the FocalPoint 42 inch monitor display.



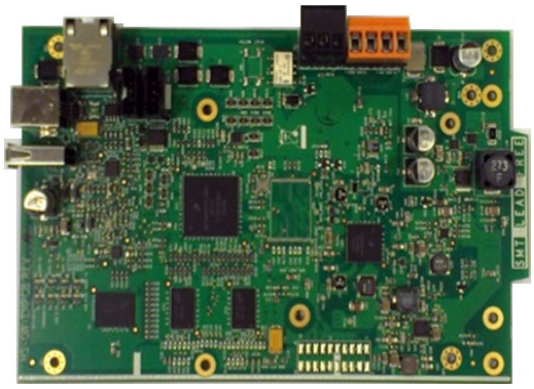
FocalPoint 42 Inch Monitor Screen

FOCALPOINT GATEWAY

The FocalPoint Gateway is a powerful interface that provides the capacity to monitor multiple networks installed in remote locations. The gateway interfaces with the following standalone and network product lines via the panel's RS-232 port and Ethernet ports:

- E3 Series (Ethernet only)
- S3 Series (Ethernet only)

In addition, the gateway can be used to connect to the FocalPoint Graphic Workstation via a standard Ethernet TCP/IP network.



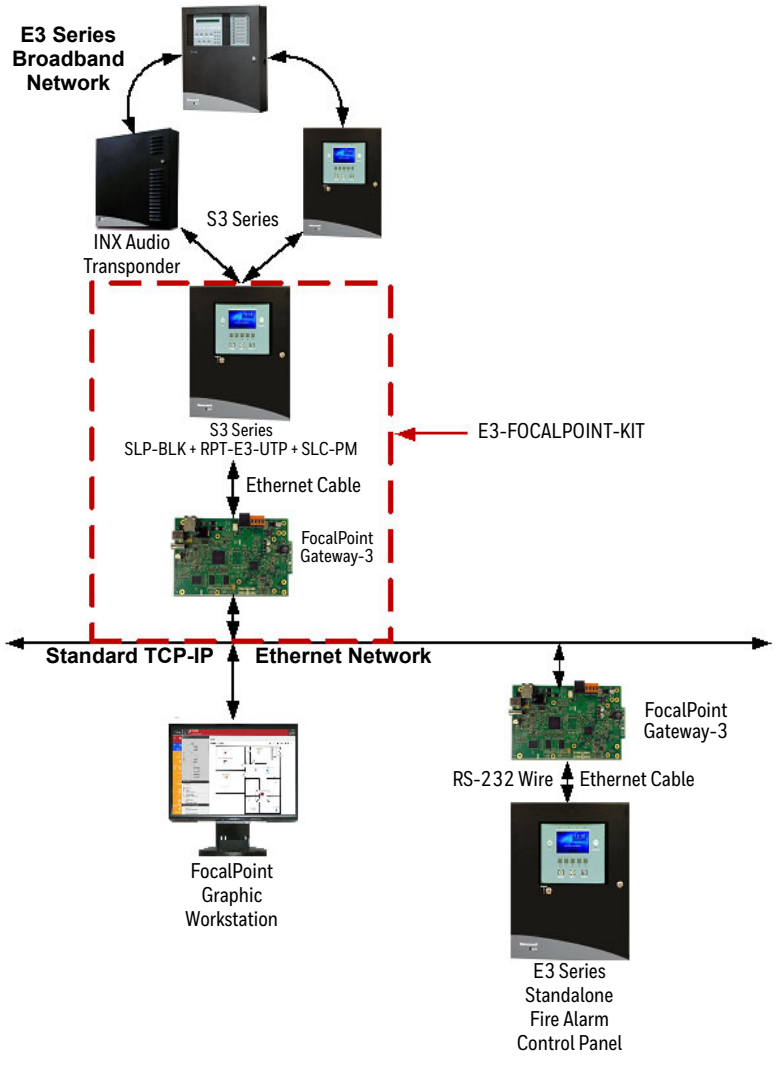
FocalPoint Gateway

The FocalPoint Gateway Control capabilities are described in the following table.

PANEL	ACKNOWLEDGE	SILENCE	RESET	ENABLE/DISABLE	VIRTUAL ASM KEYS	COMMENTS
E3 Series Network	Yes	Yes	Yes	Yes	Yes	Enable/Disable requires ILI/ILI95-E3 Series 1.7 Firmware or greater. ANX required for FPT 3.14 or greater.
S3 Series Standalone	Yes	Yes	Yes	Yes	Yes	
S3 Series Network	Yes	Yes	Yes	Yes	Yes	
7100 Series Network	No	No	No	No	No	Monitor Only

The following figure illustrates the adaptable flexibility of the FocalPoint Gateway to connect to any of the following types of network installation options:

- Option 1: E3/S3 Series network.
- Option 2: 600 Series network.

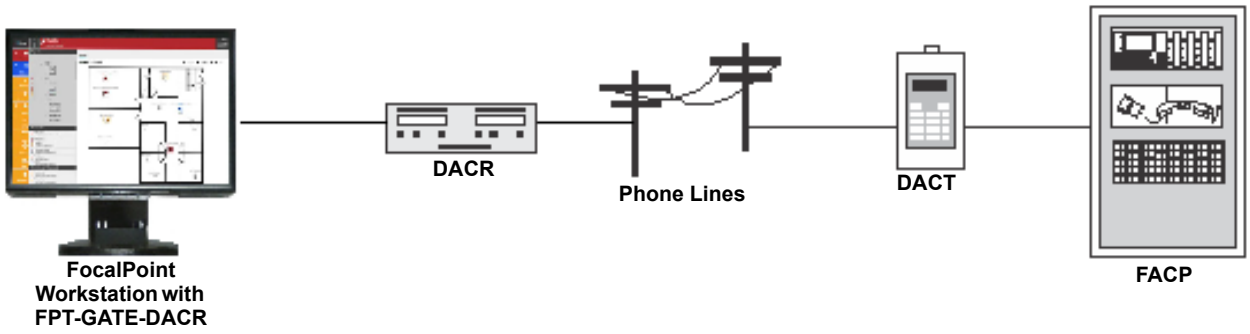


FocalPoint Gateway Installation Options

BUILDING SYSTEM INTEGRATION

The FocalPoint Proprietary Supervising Station Software feature allows the assimilation with other competitive fire alarm control panels (as well as the Gamewell-FCI fire-only applications) to be integrated into a single graphical user interface. This software feature allows the system to monitor information transmitted from local or remote building systems (for example, fire or security panels) over the shared IP or the standard phone lines using the Digital Alarm Communicator Receiver (DACR). The flexible FocalPoint System can be interfaced to monitor events received by the BOSCH® D6100 Central Station Receiver.

The following figure shows the Building System Integration monitoring configuration.

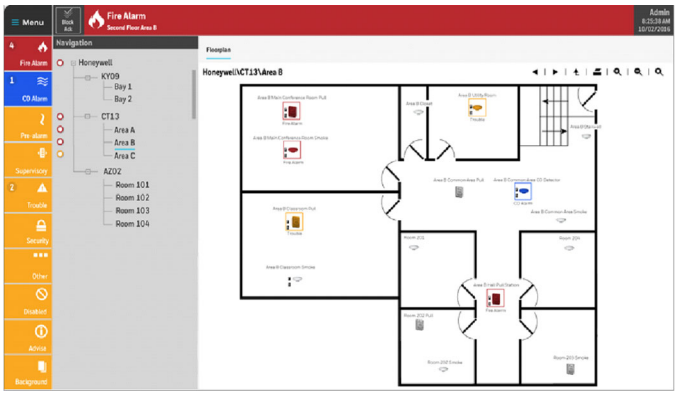


Building System Integration-Monitoring Configuration

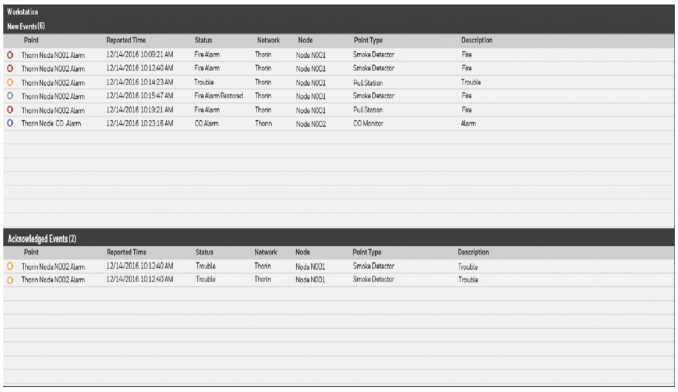
FOCALPOINT GRAPHIC WORKSTATION SCREENS

The FocalPoint Graphic Workstation provides the following types of graphic displays. The following figures illustrate the screens.

- FocalPoint graphic screen
- FocalPoint text mode screen
- Displays system layout from CAD floor plan drawings



FocalPoint Graphic Screen



FocalPoint Text Mode

ORDERING INFORMATION

FPT-WKS: FocalPoint graphical user interface software for network annunciation. UL-Listed Workstation PC included (UL Version). Choose 22" or 42" monitor.

FPT-GATE-3: FocalPoint Gateway includes Gateway, Surge Suppressor (PNET-1), Cables and Cabinet.

E3-FOCALPOINT-KIT: E3 FocalPoint Kit including SLP-BLK, RPT-E3-UTP, SLC-PM and FPT-GATE-3. Used to connect a network of E3/S3 panels to the FocalPoint Workstation.

UL-listed Monitors:

MON-22LCDW: 22" widescreen HD LED color monitor with integrated speakers
MON-22LCDW-TS: 22" widescreen HD LED color touchscreen monitor with integrated speakers
MON-42LCDW: 42" widescreen HD LED color monitor with integrated speakers
MON-42LCDW-TS: 42" widescreen HD LED color touchscreen monitor.

FocalPoint View-only Software: Non-listed software for monitor-only purposes. Requires a FocalPoint Gateway. PC not included. Minimum hardware requirements:

- Laptop or desktop with Windows 10 operating system
- Intel i7 processor or higher
- 16 GB RAM
- 240 GB hard drive
- USB connection
- TCP/IP Ethernet network adapter
- Speakers
- Uninterruptible Power Supply (UPS) recommended

FOCALPOINT® GRAPHIC WORKSTATION TECHNICAL SPECIFICATIONS

ELECTRICAL

FPT-WKS-WS:
Power: 120 VAC, 60 Hz
Current Draw: 7.0A Max.

CPU:
AC Input (frequency 50/60 Hz)
7.0 A @ 115 V (95-132 V)
4.0 A @ 230 V (185-264 V)

22" Monitors:
AC Input (frequency 50/60 Hz auto-adjust)
Power consumption: 43 watts (max.)
Current Rating: 1.8A @ 120-240 VAC (max.)

42" Monitor (Standard):
Voltage: 90-264 VAC, 50/60 Hz
Power Consumption: 200 Watts (max.)
Current Rating: 1.5A @120 VAC (max.)

42" Monitor (Touchscreen):
Voltage: 90-264 VAC, 50/60 Hz
Power Consumption: 235 Watts (max.)
Current Rating: 2.0A @120 VAC (max.)

FPT-GATE-3 Gateway:
Input: 24 VDC
Current Rating: 450 mA @ +24 VDC

PHYSICAL

CPU:
Dimensions: 19" W x 7" H x 17.7" D (48.3 x 17.8 x 45 cm)
Weight: 39 lbs. (17.7 kg)

22" Monitor:
Dimensions: 20.2" W x 15.9" H x 8.7" D (51 x 40 x 22 cm)
Weight: 15.3 lbs. (7 kg)

42" Monitors (Standard and Touchscreen):
Dimensions: 40.7" W x 25.2" H x 4.0" D (103.38 x 64.0 x 10.16 cm)
Weight: 41 lbs. (18.6 kg)

ENVIRONMENTAL

This system meets NFPA requirements for operation at 0 – 49°C/32 – 120°F and at a relative humidity 93% ± 2% RH (non-condensing) at 32°C ± 2°C (90°F ± 3°F). However, the useful life of the system's standby batteries and the electronic components may be adversely affected by extreme temperature ranges and humidity. Therefore, it is recommended that this system and its peripherals be installed in an environment with a normal room temperature of 15 – 27°C/60 – 80°F.

STANDARDS

The FocalPoint Graphic Workstation is designed to comply with the following standards:
UL Standards: UL 864, 10th Edition

AGENCY LISTINGS AND APPROVALS

These listings and approvals apply to the modules specified in this document. In some cases, certain modules or applications may not be listed by certain approval agencies, or listing may be in process. Contact Honeywell for the latest listing status.
UL Listed: S1869
FDNY: COA# 002886
CSFM:

- 7165-1703:0105 (7100 Series panels)
- 7165-1703:0125 (E3 Series panels)
- 7165-1703:0176 (S3 Series panels)

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