

PotterNet Installation & Programming NDU and Supervising Station



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Product Description

PotterNet-UL, PotterNet-UL-TS, PotterNet-FOW-UL are UL 864 certified systems.

This manual covers two modes of operation

- Network Display Unit (NDU)
- Supervising Station

The PotterNet Fire and Facility system is a graphical desktop application that facilitates the monitoring and control of IPA, AFC/ARC, and PFC-4064 fire alarm control panels. It utilizes a distributed client-server model for communication to reduce or eliminate single points of failure. PotterNet will monitor all compatible Potter panels in a single building, on a local campus, or across multiple sites anywhere in the world.

Standards Compliance

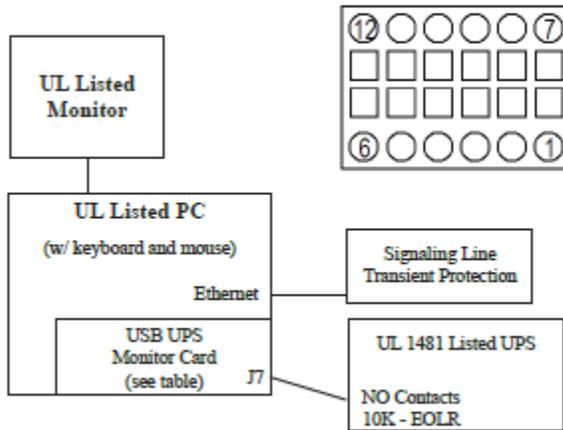
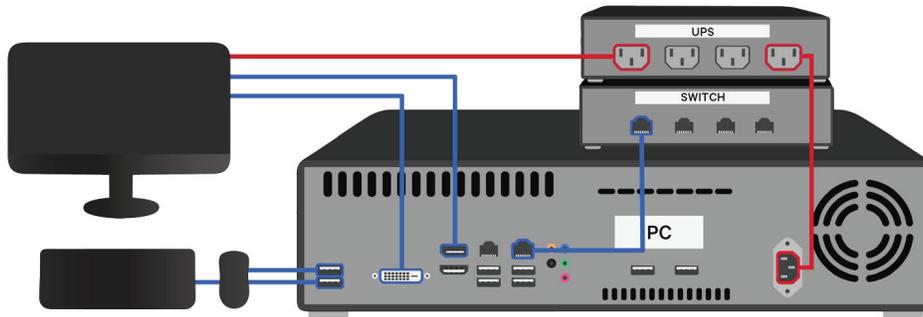
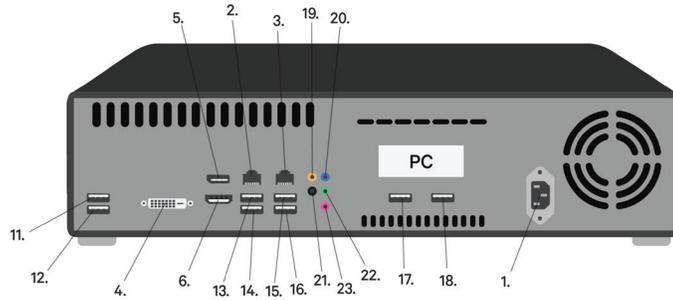
PotterNet has been engineered to meet the standards established by the following regulatory bodies. It is intended for Fire Alarm applications only:

- Underwriters Laboratories UL 864 - Standard for Control Units and Accessories for Fire Alarm Systems (UOJZ)
- NFPA 72 National Fire Alarm Code.

This manual contains crucial information and should be stored near the hardware. In the event of a change in building ownership, this manual, along with all testing and maintenance records, must be transferred to the new owner. A copy of this manual was provided with the equipment and is also available from the manufacturer.

PotterNet shall be located in a permanently secured and protected location accessible only to authorized persons.

1. Installation and Details
PC for PotterNet UL & PotterNet-UL-TS



J7 Connector		
Pin	Signal	Desc.
1	IN1+	UPS - AC Fail (NO Contact)
2	IN1-	UPS - AC Fail (NO Contact)
3	IN2+	UPS - Low Battery (NO Contact)
4	IN2-	UPS - Low Battery (NO Contact)
5	IN3+	Not Used
6	IN3-	Not Used
7	IN4+	Not Used
8	IN4-	Not Used
9	OUT1_C	Not Used
10	OUT1_NC	Not Used
11	OUT1_NO	Not Used
12	N/C	Not Used

* Place 10K EOL resistor across all unused inputs

Field Connections

PC Port	DWG Location	Description	Field Connection	
AC Power	1	AC Power rear of PC	Connect to supervised, UL 1481 Listed, UPS	<ul style="list-style-type: none"> • Voltage: 110-240V • Current:3/1.5A • Frequency: 50/60Hz
Ethernet1	2	Ethernet rear of PC	To Ethernet Network	<ul style="list-style-type: none"> • Power Limited • Supervised • Max Voltage: 2.5V • Current: 60mA • Max Distance: 100m (Cat 6)
Ethernet2	3	Ethernet rear of PC	To Ethernet Network	<ul style="list-style-type: none"> • Power Limited • Supervised • Max Voltage: 2.5V • Current: 60mA • Max Distance: 100m (Cat 6)
DVI	4	DVI video	UL Listed Display	<ul style="list-style-type: none"> • Video
DisplayPort	5	DisplayPort video	UL Listed Display	<ul style="list-style-type: none"> • Video
HDMI	6	HDMI video	UL Listed Display	<ul style="list-style-type: none"> • Video
UPS Monitor	7	IN1 thru IN4	IN1 - UPS AC Fail IN 2 - UPS Low Battery IN3/IN4 - Not Used	<ul style="list-style-type: none"> • Power Limited • Supervised • Max Voltage: 28V • Current: 10mA • Frequency: DC
UPS Monitor	8	Relay Output 1	OUT1	<ul style="list-style-type: none"> • Power Limited • Supervised • Max Voltage: 28V • Current: 10mA • Frequency: DC
USB1	9	USB 2.0 - Behind door on front of PC	Not Used	<ul style="list-style-type: none"> • Power Limited • Supervised • Max Voltage: 5V • Current: 0.5A • Frequency: DC
USB2	10	USB 2.0 - Behind door on front of PC	Not Used	<ul style="list-style-type: none"> • Power Limited • Supervised • Max Voltage: 5V • Current: 0.5A • Frequency: DC
USB3	11	USB 3.0 - Rear of PC. Left hand side	Mouse	<ul style="list-style-type: none"> • Power Limited • Supervised • Max Voltage: 5V • Current: 0.9A • Frequency: DC
USB4	12	USB 3.0 - Rear of PC. Left hand side	Keyboard	<ul style="list-style-type: none"> • Power Limited • Supervised • Max Voltage: 5V • Current: 0.9A • Frequency: DC
USB5	13	USB 3.0 - Rear of PC. Middle	Not Used	<ul style="list-style-type: none"> • Power Limited • Supervised • Max Voltage: 5V • Current: 0.9A • Frequency: DC

PC Port	DWG Location	Description	Field Connection	
USB6	14	USB 3.0 - Rear of PC. Middle	Not Used	<ul style="list-style-type: none"> Power Limited Supervised Max Voltage: 5V Current: 0.9A Frequency: DC
USB7	15	USB 3.0 - Rear of PC. Middle	Not Used	<ul style="list-style-type: none"> Power Limited Supervised Max Voltage: 5V Current: 0.9A Frequency: DC
USB8	16	USB 3.0 - Rear of PC. Middle	Not Used	<ul style="list-style-type: none"> Power Limited Supervised Max Voltage: 5V Current: 0.9A Frequency: DC
USB9	17	USB 2.0 - Rear of PC. Right	Not Used	<ul style="list-style-type: none"> Power Limited Supervised Max Voltage: 5V Current: 0.5A Frequency: DC
USB10	18	USB 3.0 - Rear of PC. Right	Not Used	<ul style="list-style-type: none"> Power Limited Supervised Max Voltage: 5V Current: 0.5A Frequency: DC
Sub Out	19	Orange - Subwoofer out	Not Used	
Line In	20	Blue - Line in	Not Used	
Spkr out1	21	Black - Rear Speaker Out	Not Used	
Spkr out2	22	Green - Front Speaker Out	Audio out to monitor	
Mic In	23	Pink - Microphone Input	Not Used	

UL Listed Hardware

UL Listed PC

Item	UL 864 Listed PC
Operating System	Microsoft Windows® 10/11
Microprocessor	i5-6600K CPU @ 3.5 GHz
SSD Storage	480 GB
RAM	16 GB
USB Ports	Six (2 USB 2.0, 2 - USB 3.0, 2 USB 3.1 Ports)
Ethernet	2 Gigabit RJ-45 LAN ports
Display Ports	DVI, HDMI, DisplayPort, VGA (DisplayPort to DVI converter included)
UPS Monitor	USB UPS monitor card
Keyboard	USB - Included
Mouse	USB - Included
Mechanical	2U Rack mountable w/ ears. 19"W x 19"D x 3.5"H (slides are not included); Rubber feet
Audio	Mic in, Line out, Line in
Power Supply	110/240V, 3/1.5A, 50/60Hz
Power Cord	Mechanical Protection

Item	UL 864 Listed PC
Air Filter	Removable Air Filter
Recovery	USB w/ OS image
UL 864 Reference	PC UL Model #: 06-UL864-041
USB UPS Monitor Card	Inputs: 28 VDC, 10 ma, power limited, supervised Outputs: Dry contact relays, 30VDC, 1A

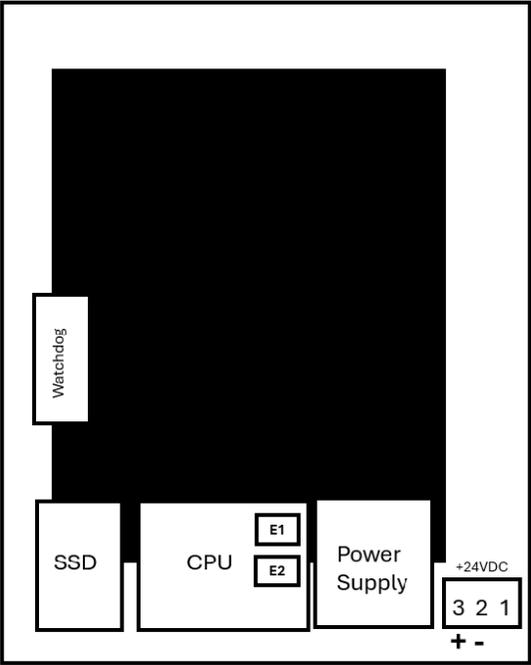
UL Listed 24" LCD Monitor (Touch Screen is optional)

Item	UL 864 Listed Monitor
Panel Type	LED
Maximum Resolution	1920x1080
Brightness	250-nit
Viewable Screen Size	24"
Dimensions	23.5" x 14.4" x1.6" (596.94 x 366.36 x 42 mm)
Weight	22.0 Lbs (10.0 kg)
Color	Black
Touchscreen (Optional)	Ten-point touch PCAP touchscreen
VESA Wall Mount Ready	100mm x 100mm
Ports	(1) SVGA (D-sub15 pin); (1) HDMI
Power Consumption	12 VDC, 5A, or 100-240 VAC / 50-60 hz w/external power supply
Stand Adjustments	Yes
Base	Yes
Certifications	UL864 10th Edition/ULC- S527-11/UL 2572 Recognized

Hardware UL Reference

PC (Comark)	06-UL864-041
24" Monitor (Comark)	06-UL864-044
24" TS Monitor (Comark)	06-UL864-044

PC Hardware for PotterNet-FOW-UL



Rear View - Internal

Reference	Description	
+24VDC	Pin 3 is +24V; Pin 2 is common	+24VDC
E1	Ethernet Connection to FACP	<ul style="list-style-type: none"> Power Limited Supervised Max Voltage: 2.5V Current: 60mA Max Distance: 100m (Cat 6)
E2	Ethernet Connection	<ul style="list-style-type: none"> Power Limited Supervised Max Voltage: 2.5V Current: 60 mA Max Distance: 100m (Cat 6)

Hardware UL Reference

24" TS Status Panel - 24" TS & CPU (Comark)	06-UL864-046
Status Panel Enclosure (Comark)	06-UL864-047

Environmental Controls

PotterNet hardware shall be in an environment where the temperature is maintained between 13 – 35 °C (55 – 95°F) or at a level within the temperature rating range of the equipment, whichever is greater. The environment shall also be maintained within the humidity range rating of the equipment.

Power Sources

The source of power for the equipment shall be within the rated voltage range of the signal processing equipment. A supervised, UL 1481 listed, UPS is required for secondary power to the PotterNet computers. The UPS should have sufficient capacity to operate the computer equipment for a minimum of 15 minutes. The AC Loss/Utility Failure relay contacts from the UPS must be connected to the appropriate terminals on the USB UPS Monitor Card in the UL listed PC. When performing maintenance and repair service, a means for disconnecting the input to the UPS while maintaining continuity of power to the automation system, when applicable, shall be provided.

Several options for UL 1481 listed UPS include:

- OnLine Power (<http://www.onlinepower.com>)
- LaMarche (<http://http://www.lamarchemfg.com>)

Signaling Line Transient Protection

The communication circuits contained within the central station building and not connected to the telecommunications network shall be protected by isolated loop circuit protectors. These protectors shall comply with the Standard for Protectors for Data Communications and Fire Alarm Circuits, UL 497B, and shall have a marked rating of 50 V or less. UL-497B devices, isolated loop protection, are designed to handle over-voltage events that are introduced within a building. When all of the equipment connected to the signal processing equipment is located in the same room as the signal processing equipment and is not connected to the telecommunications network, isolated loop circuit protection is not required. Transient voltage surge protection is not required for fiber optic circuits.

One Source for this protection is:

- APC PNET1GB (Sold Separately)

Note: PNET is not required if all equipment is in the same room.

Minimum System Configuration

- UL Recognized PC provided by Potter
- UL Recognized Monitor provided by Potter
- Supervised, UL 1481 listed, UPS
- Supply line transient protection
- Signaling line transient protection
- Compatible fire alarm control panel

Anti-Virus Software Compatibility

PotterNet has been tested extensively with anti-virus security protection software. The only software which may be installed on the computers running PotterNet is the operating system and the anti-virus/security protection software.

IP Network Requirements

PotterNet requires that specific ports on the external and internal firewalls be open. This section summarizes the ports and protocols that will be used. This information should be provided to the appropriate IT personnel in order to be sure all equipment is configured properly.

Initiating Software or Product	Receiving Software or Product	Port	Protocol	Notes
PotterNet Studio	FACP	69	UDP	Panel importer to copy the configuration from a newly added FACP. Trivial File Transfer Protocol (TFTP)
PotterNet	PotterNet	32001	TCP	PotterNet TCP Connection
PotterNet	PotterNet Server	32002	TCP	PotterNet Database Synchronization
PotterNet	FACP	32000	TCP	This is the default port used by the fire panels. Potter recommends using this port. If the port on the FACP is changed, then it needs to be addressed in the firewall settings.
PotterNet	PotterLink (12.232.138.145)	443	TCP/HTTPS	PotterNet Connection to Potter Licensing Server

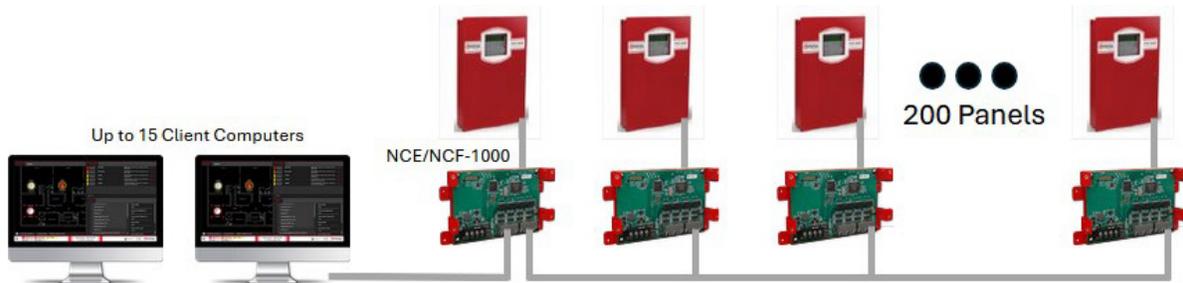
2. System Configurations

PotterNet is UL listed fire Supervising Station, Network Display Unit (Protected Premises Unit) and BSIU applications. BSIU is covered in a separate manual. Refer to the sections below for detail and figures that outline the application specifics.

2.1 UL 864 Network Display Unit

- P(PPU) Protected Premises Unit

When PotterNet is used as an NDU, users have the UL listed capability to monitor and control the fire system. In NDU mode PotterNet will connect to a peer-to-peer Potter fire panel network via an NCE-1000 or NCF-1000.

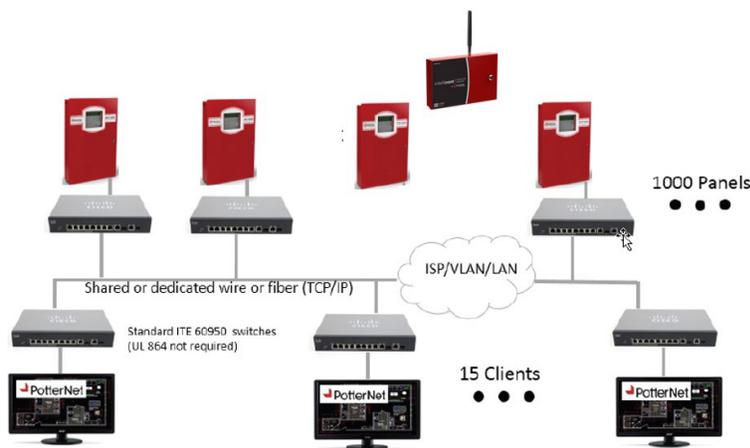


2.2 UL 864 Supervising Station (UOJZ)

- P(RU) - Proprietary System (Supervising Station Receiving Unit) - PB
- CS (RU) - Central Station System (Supervising Station Receiving Unit) - PB
- RS (RU) - Remote Station (Supervising Station Receiving Unit) - PB

This configuration is recommended for primary annunciation of life safety signals. Below are things to note and consider prior to installation. This configuration includes the monitoring of fire panels through the approved transmitters.

- Supervision is verified via end-to-end communication. A loss of end-to-end communication is annunciated as a trouble signal.
- If the fire alarm transmitter is sharing on-premises communications equipment, the shared equipment shall be listed as communications or information technology equipment. It does not have to be UL-864 listed equipment.
- The use of shared or dedicated IP networks is approved.
- The system utilizes IP (UL Performance Based Technologies).
- Consult with a professional in IT in order to validate your application and design.
- The PC (provided by Potter) is UL 864 recognized and listed for life safety with PotterNet.



Note: UL 864 systems require UL approved computer and monitor from Potter. IT equipment (switches/routers/etc.) do not need to be UL 864 listed but must have standard ITE 60950 listing.

3. Screens Overview

The screens below illustrate examples of how PotterNet can be configured. The interface is highly customizable, so the appearance and layout will differ depending on the specific setup and monitor orientation. Core elements—such as the active signals list, signal counters, and highest priority event—*are always accessible and shown on the screen.* The graphic floor plan area is optional and can be tailored to user preferences.

Overview of the main screen as configured on a landscape monitor. It shows:

- Floor plan area
- Active Signals
- Signal counters on the bottom left
- Highest priority event/All Systems Normal in the center bottom
- User Login on the bottom right
- Date and time on the bottom right
- Releasing status



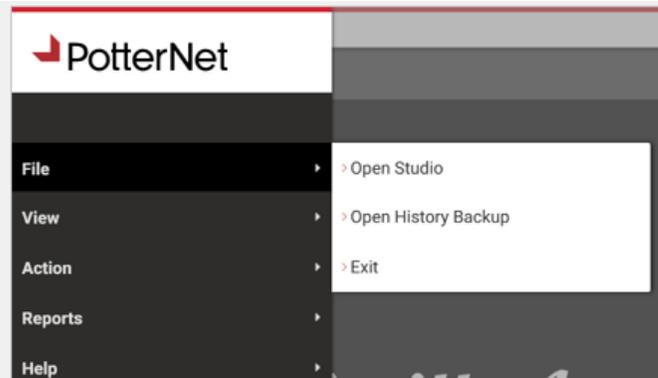
Menu Items in PotterNet

Menu items are accessible by selecting the hamburger icon in the bottom left corner of the screen.

Menu Items Summary

File

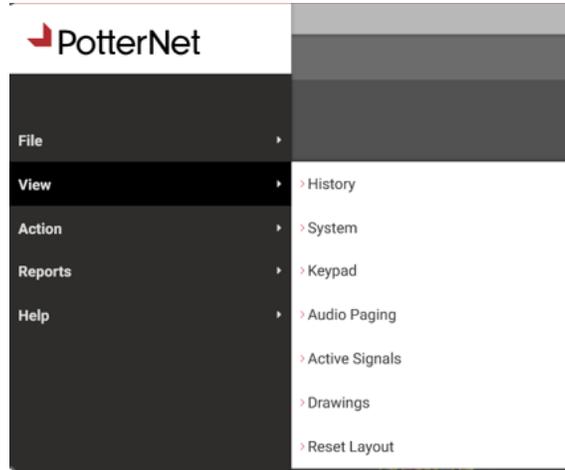
- Open Studio - Used to configure PotterNet
- Open History - Open up backed up versions of history databases
- Exit - Exit software (Admin only)



View

Used to open new windows on main screen

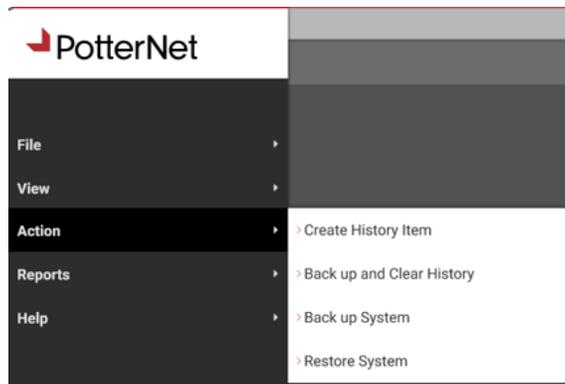
- History - View History Log
- System - Read status on system points
- Keypad - Displays panel keypad
- Audio Paging - Displays audio paging
- Drawings - Displays the floor plans
- Reset layout - Resets system to default screen layout



Action

Used for maintenance and other functions

- Create History Item - Allows user to write a message to history
- Back Up and Clear History - Backs up history and clears history list
- Back Up System - Backs up database for security reasons or technical support
- Restore System - Restores a database that was updated externally



Reports

Used to generate system information and maintenance reports

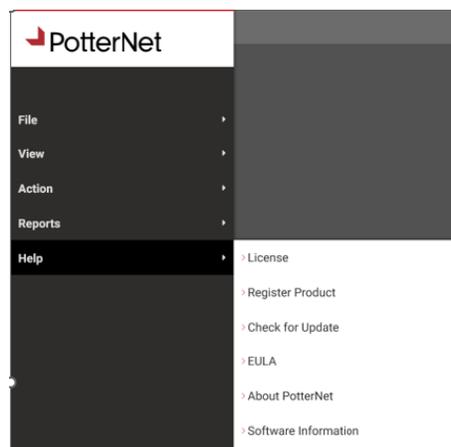
- Sensitivity Report - Used to create a report on cleanliness of all photo sensors
- Sensor Run-Time Report - Documents the how long a device has been installed
- CO Detector Life Remaining Report - Documents life remaining for CO detectors



Help

Used to get version information, licensing info, and other system information

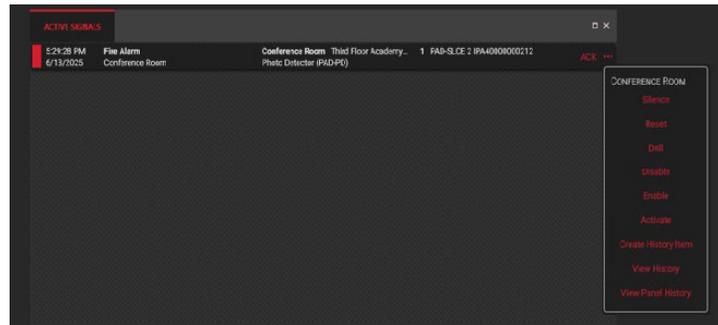
- License - Details on the system license settings
- Register Product - Used for systems that need license updates
- Check for Update - Checks for more recent PotterNet fix releases
- Eula - End User Licence Agreement
- About PotterNet - Shows version information
- Software Information - Shows BSIU UL 864 listing label (menu only shown in BSIU Models)



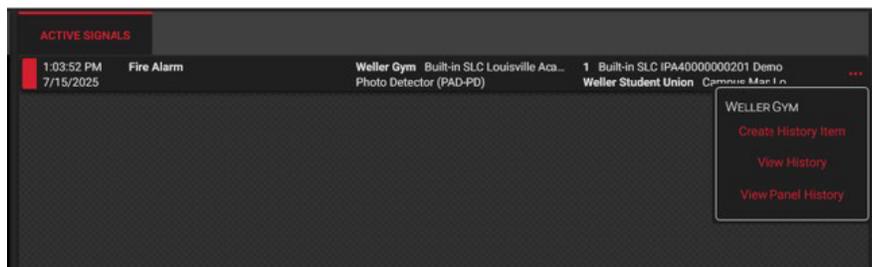
4. Control Functions

Control of the fire system is dependent on following the requirements of a BSIU system and having user permissions. Commands are dependent upon the type of device, therefore all options may not be available. Commands are accessible from the graphic icon or by pressing the “...” next to the event in the signals list.

- Silence - Silences panels
- Reset - Resets panel
- Drill - Drills the panel
- Disable - Disables the point on the panel
- Enable - Enables the point on the panel
- Activate - Activates an input/output on the panel. Not intended for releasing operations.
- Acknowledge - Acknowledges panel
- Create History Item - Adds a user message to history
- View History - View the history for this device
- View Panel History - View the panel history for this device



NDU Mode - Control



Supervising Station - No Control

5. System

These instructions do not purport to cover all the details or variations in the equipment described, nor provide for every possible contingency to be met in connection with installation, operation and maintenance.

Specifications subject to change without prior notification.

For Technical Assistance contact Potter Electric Signal Company at 866-956-1211.

Actual performance is based on proper application of the product by a qualified professional.

Should further information be desired or should particular problems arise, which are not covered sufficiently for the purchaser's purpose, the matter should be referred to a qualified distributor in your region.

6. Functionality

Signals and Signal Reporting

The Active Signal allow the user to easily understand the state and status of PotterNet and its monitored panels by viewing the Active Signal window mentioned above as well as via device icons and hyperlink areas.

Each item will have a color associated with them depending on the signal received:

- Alarm - Red
- Supervisory - Orange
- Trouble - Yellow
- Restore - Green
- Alert - Blue
- Silence - Purple
- ECS Alarm - Red
- ECS Trouble - Yellow

When a signal comes in, there is an order/priority associated with it. MNS can be configured in PotterNet as a higher priority. Priority/order is as follows by default:

- Alarm
- ECS Alarm
- Supervisory
- Alert
- Trouble/Disable
- ECS Trouble
- Silence
- Acknowledged Alarm
- Acknowledged Supervisory
- Acknowledged Alert
- Acknowledged Trouble/Disable
- Acknowledged Silence

The Active Signal tab automatically sorts the items with higher priority signals placed at the top of the list with multiple events activated

Icons that have locally unacknowledged signals will have a pulsing background of the associated signal's color. Icons that have locally acknowledged signals will have a solid background of the associated signal's color. The icon associated with the highest priority, unacknowledged signal will also indicate that it is of highest priority by four animated chevrons pointing in towards the icon.

As signals are received, they will appear as shown. The table below describes the layout of each item. Further,

device(s) indicated in the signal that have an icon associated with them on a drawing will graphically indicate the signal, and, depending on the Signal Navigation Behavior, navigate to the designated location based on the setting.

If a signal in the Active Signal window contains a device with an associated icon placed on a drawing, it can be clicked on to navigate to the drawing that icon exists on and zoom in to that icon.

All status-change signals are automatically and permanently recorded, then displayed in a form that will expedite prompt operator interpretation.

9:40:28 AM 11/12/2018	Fire Alarm Alarm	Reception Desk Pull Built-in SLC Main... Contact Input Pull Station	3 Built-in SLC IPA4000001436 First Floor Library Main Campus World...	ACK ***
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Time	Signal Type	Point Name, P-Link Module Name, Panel Name	Complete Address
Date	Signal Description	Device Type	Hierarchy of drawings that the device is on up to the root drawing

Signal counters give an overall summary of the system by providing a count for the individual signals received at PotterNet. When there is an unacknowledged signal, the associated signal counter will blink the color associated with the signal. When the signals are acknowledged, the signal counter remains solid with the color associated with the signal.

0 ECS Alarm	0 Alarm	0 Release	0 Pre-release	0 Supervisory
0 Alert	0 ECS Trouble	2 Trouble	0 Silence	

Each incoming signal requiring action to be taken by the operator will result in:

1. An audible signal
2. Color-coded signal in the Active Signal box
3. Displaying the signal on a graphical drawing floor plan (graphic also has status and location information)
4. Incrementing the permanently displayed signal counters
5. Recording the signal to a detailed and user accessible color coded history database

Each incoming signal is automatically recorded on screen and to history. The history and Active Signal box provide the type of signal, condition, and location, in addition to the time and date the signal was received.

Failure to acknowledge or act upon an incoming signal does not prevent subsequent signals from being received, indicated or displayed, and recorded.

Each incoming signal initiates an audible signal that persists until manually acknowledged.

If the number of signals exceeds the capability of the Active Signal box to display all the signals concurrently then a scroll bar will appear to let you know there are additional signals to be viewed. Every signal will remain in the Active Signal box until manually acknowledged.

When concurrent signals are received, the signals will be displayed in the following priority:

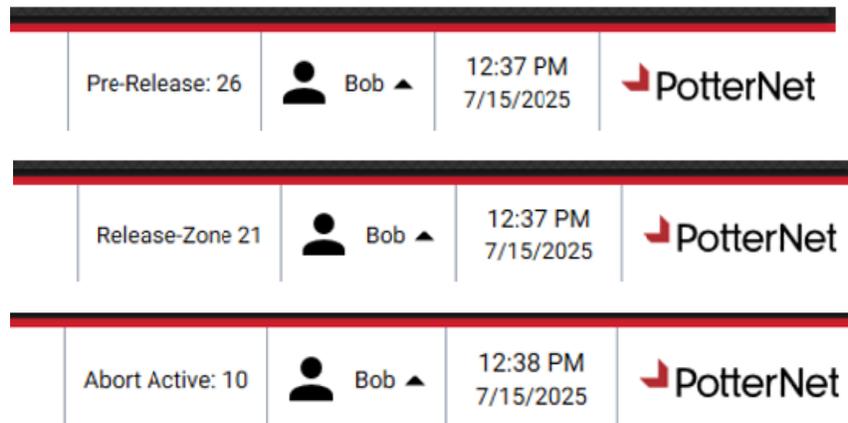
1. Signals Associated with life safety
2. Signals associated with property safety
3. Supervisory or associated life and/or property safety trouble signals,
4. All other signals

Multiple status changes for the same point will be displayed in the Active Signal box. In addition the graphical icon will indicate the number of signals for that device.

Active Signal will remain in the signals box until the signal has been restored or a return to normal condition occurs and that restoration or return to normal condition is acknowledged.

Releasing Status

PotterNet displays the status of releasing zones—Pre-Release, Abort Active, and Release Zone—on the status bar at the bottom of the screen. This information will mimic the fire panel annunciation.



Responsibility Groups

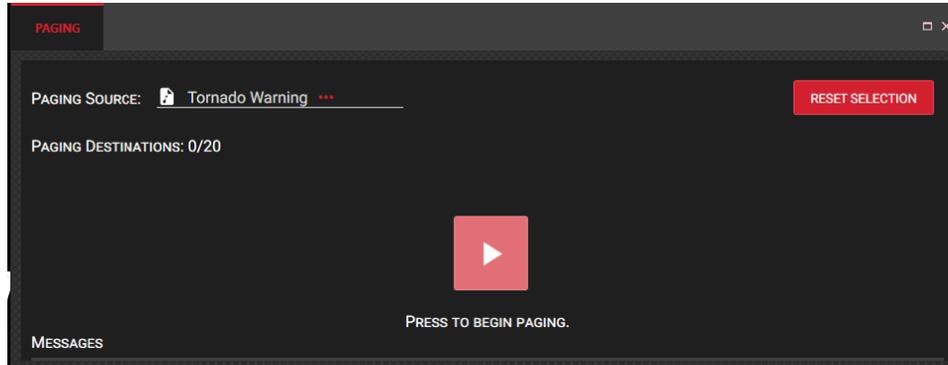
Responsibility Groups provide a mechanism for which users of a multiple PotterNet Client system can understand the panels in which that specific user at the PotterNet Client are responsible for.

A PotterNet Client's Responsibility Group can be viewed by clicking the User Popup, and is only applicable to the PotterNet Client that it has been configured on. With a Responsibility Group active, the Active Signal pane will reflect that group. Signals which the current user is responsible for appear normally in the Active Signal list. Signals which the current user is not responsible for appear greyed out in the Active Signal list. See Programming Options section (below) for settings allowable per UL 864.

7. Audio Paging

PotterNet Audio is a licensed feature in PotterNet that enables a user to pages over IP to an analog paging system/speaker. Audio groups can be configured to page to multiple zones. PotterNet uses the 011233 Cyberdata SIP audio adapter. Recorded audio can be imported through the Audio Recordings tab found in PotterNet Studio.

Live voice paging is not permitted in BSIU systems.



8. Programming Options

NOTICE

FOR USERS, INSTALLERS, AUTHORITIES HAVING JURISDICTION, AND OTHER INVOLVED PARTIES

This product incorporates field-programmable software. In order for the product to comply with the requirements in the Standard for Control Units and Accessories for Fire Alarm Systems, UL 864, certain programming features or options must be limited to specific values or not used at all as indicated below.

Program Feature or Option	Permitted in UL 864 (Y/N)	Possible Settings	Settings Permitted in UL 864
Resetting and Silencing	Yes	Yes/No	Yes
Operating Mode	Yes	Supervising Station Network Display Unit BSIU	BSIU
Responsibility Groups	Yes	Assign each panel to one or more responsibility groups	Assign each panel to one responsibility group. All BSIU must be located within the same room as the fire alarm control unit (FACU) controlling the fire alarm system.
On Premises System Control	Yes	Yes/No	Yes
Live Audio Paging	No	Yes/No	No - Only recorded audio allowed in BSIU

9. Testing/Maintenance

- PotterNet is required to be installed in accordance with local and state building codes and NFPA 72 (National Fire Alarm Code).
- PotterNet and related systems are required to be inspected and tested in accordance with NFPA 72.
- When changes are made to site-specific software, the following shall apply:
 - All functions known to be affected by the change, or identified by a means that indicates changes, shall be 100 percent tested.
 - In addition, 10 percent of initiating devices that are not directly affected by the change, up to a maximum of 50 devices, also shall be tested and correct system operation shall be verified.
 - A revised record of completion in accordance with 7.5.6 shall be prepared to reflect these changes.
- Changes to the system executive software shall require a 10 percent functional test of the system, including a test of at least one device on each input and output circuit to verify critical system functions such as control functions such as notification appliances, control functions, and off-premises reporting.
- Keep all computer equipment free of dust.

10. Compatible Equipment

Manufacturer	Model
Potter Electric Signal Co. LLC	IPA-4000 (V, E)
Potter Electric Signal Co. LLC	IPA-100
Potter Electric Signal Co. LLC	IPA-60
Potter Electric Signal Co. LLC	AFC-1000 (V, E)
Potter Electric Signal Co. LLC	AFC-100
Potter Electric Signal Co. LLC	AFC-50
Potter Electric Signal Co. LLC	ARC-100
Potter Electric Signal Co. LLC	PFC-4064
Potter Electric Signal Co. LLC	G TSA-7

Compatible Transmitters

IntelliCom-5GA
IntelliCom-5GV
IntelliCom-5GMC

11. System Power/Size

Accessories/subassemblies/networked panels	Maximum Capacity
PotterNet Clients	15
Monitored Panels	1000
PotterNet Users	1000

12. Operating Instructions

Normal Standby	The highest priority signal at the bottom, center, of the main screen will indicate "All Systems Normal". The signals box will either have no signals or (green) return to normal signals. The signal counters will all be at "0"
Acknowledging	Off normal signals are acknowledged by pressing the ACK button while reviewing signals. After all events have been acknowledged, the buzzer will deactivate, and the associated event counter and icon will stop flashing and remain on continuously.
Alarm Condition	The red ALARM signal counter will be illuminated, blinking and show the total number of alarm conditions anytime an alarm is occurring in the system. The associated icon in the drawings pane will be illuminated in red and blinking anytime an alarm is occurring in the system. The signal list will have a red LED lit and display detail about the inputs in alarm. The buzzer will be activated. The buzzer will remain active until all alarms have been acknowledged. The icon and counters will stop blinking following an acknowledgement.
Silencing Alarm	When a panel is in Alarm, the notification circuits (strobes and horns) can be shut off by clicking on the icon in the drawings pane or selecting the "..." in the signals list and pushing the SILENCE button. The purple SILENCE signal counter will be illuminated and show the total number of silence conditions anytime a panel is silenced. There will be a silenced signal in the active signals box for each panel that has been silenced.
Resetting Alarm	After the condition that caused the alarm has been identified and corrected, the system may be reset to the Normal Standby by clicking on the icon in the drawings pane or selecting the "..." in the signals list and pushing the RESET button. All reset points will show a return to normal event with a green LED.
Supervisory Condition	The orange SUPERVISORY signal counter will be illuminated, blinking and show the total number of supervisory conditions anytime a supervisory is occurring in the system. The associated icon in the drawings pane will be illuminated in orange and blinking anytime a supervisory is occurring in the system. The signal list will have an orange LED lit and display detail about the inputs in supervisory condition. The buzzer will remain active until all supervisorys have been acknowledged. The icon and counters will stop blinking following an acknowledgement.
Restoring Supervisory Condition	If the Supervisory condition is non-latching, once the device is restored to the normal condition, the supervisory event will return to normal. If the supervisory condition is latching, the device that was activated must be restored and the RESET pressed. All reset points will show a return to normal event with a green LED.
Trouble Condition	The yellow TROUBLE signal counter will be illuminated, blinking and show the total number of trouble conditions anytime a trouble is occurring in the system. The associated icon in the drawings pane will be illuminated in yellow and blinking anytime a trouble is occurring in the system. The signal list will have a yellow LED lit and display detail about the inputs in trouble condition. The buzzer will be activated. The buzzer will remain active until all troubles have been acknowledged. The icon and counters will stop blinking following an acknowledgement.
Silencing Troubles	When a trouble is occurring, the local buzzer will sound until all troubles have been acknowledged.
Testing and Maintenance	Test this system monthly or more frequently as required by the AHJ. Before conducting any testing contact the building personnel and the monitoring facility as applicable. When testing a system configured for releasing, activate the releasing disconnect switch to prevent accidental discharge of a suppression system. Test the circuits as outlined in the Installation Manual. Test in accordance with NFPA 72 Inspection, Testing and Maintenance Chapter(s) and any local requirements. The batteries should be marked with the date of installation and replaced every four years or sooner if battery trouble occurs. Batteries should be checked with a tester acceptable to the AHJ such as a Stone Technologies model STC612A or equivalent. Contact the agency below for service or operational questions

For Service, contact:

Name: _____

Company: _____

Address: _____

Telephone: _____

Frame and display instructions adjacent to the PotterNet system

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Ordering Information

Model	Description	Stock Number
PotterNet-UL	PotterNet w/ compatible UL Listed hardware. Regular Monitor	3993006
PotterNet-UL-TS	PotterNet w/ compatible UL Listed hardware. Touch Screen	3993007
PotterNet-FOW-UL	PotterNet w/ compatible UL Listed hardware.	
PotterNet-Connect	PotterNet fire panel connection licenses. Each panel connected to PotterNet requires a license.	3993003
PotterNet-Audio-Connect	PotterNet Audio is a licensed feature in PotterNet that enables a user to send live or recorded pages over IP to an analog paging system/speaker.	3993025