

Features

SafeLINC Fire Panel Internet Interface (FP II) enables investigation of fire alarm control panel status using the familiar interface of an Internet browser:

- Provides single user access for up to 20 different user accounts (access is one-at-a-time)
- Compatible with Internet Explorer (version 5.0 or higher)**
- Intuitive menu screens
- UL Listed to Standard 864

Security access features:

- Generic initial login screen
- Multiple user accounts and passwords similar to the host control panel
- Programmable lockout to prevent excessive login attempts by unauthorized users

Automatic or scheduled e-mail feature provides selectable notification to user accounts:

- Built-in e-mail feature will notify user accounts of individually selected status changes either automatically or as scheduled
- Information can be alarm, supervisory, trouble; or TrueAlarm® Sensor Service and Status Reports
- Compatible pagers, cell phones, or Personal Digital Assistants can receive direct e-mail messages or messages forwarded from a user account
- Personal Digital Assistants (PDAs) can be synchronized to user account e-mail messages for message portability

Compatible with fire alarm control panel model Series 4100U, 4100, 4120, and 4020 (see mounting notes on page 3)

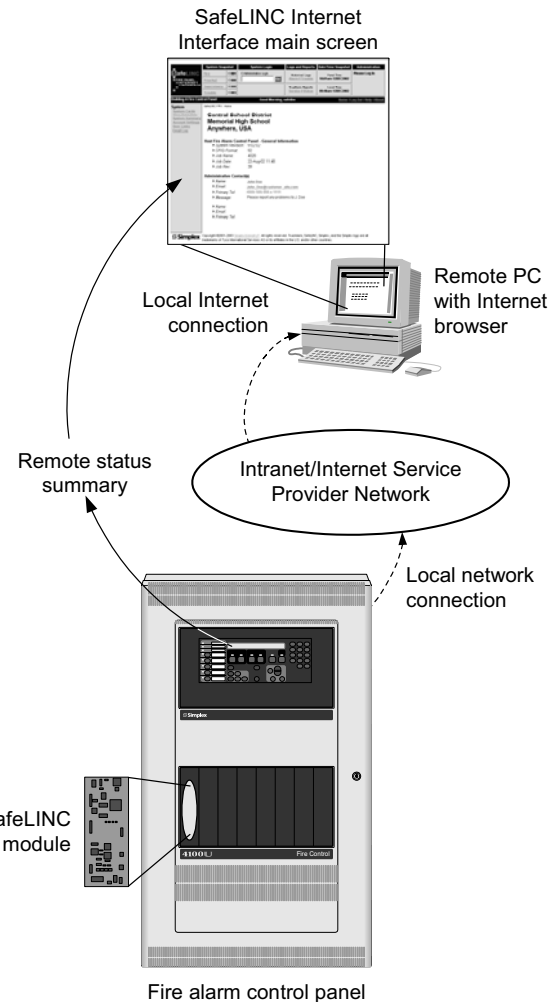
Available information:

- Alarm, Priority 2 Alarm, Supervisory, and Trouble counts and status messages
- Detailed point information accessible similar to that available at the panel
- TrueAlarm® sensor status including both status reports and service reports
- Alarm and Trouble log information

On-board service PC port provides convenient installation setup and diagnostics

* This product has been approved by the California State Fire Marshal (CSFM) pursuant to Section 13144.1 of the California Health and Safety Code. See CSFM Listing 7300-0026:312 for allowable values and/or conditions concerning material presented in this document. It is subject to re-examination, revision, and possible cancellation. This product was not MEA (NYC) approved as of document revision date. FM approval is not applicable for this product type. Additional listings may be applicable; contact your local Simplex product supplier for the latest status. Listings and approvals under Simplex Time Recorder Co. are the property of Tyco Safety Products Westminster.

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SafeLINC FP II System Connection Drawing

Description

Fire Alarm Control Panel System Information.

Simplex® fire alarm control panels monitor their connected devices and gather system information to describe the status of the protected buildings. This information is available at the panel and via accessory devices such as remote terminals or dial-in modems, all requiring special equipment connections.

Secure Internet Access. The SafeLINC Internet interface provides an alternative access to system information using the familiar interface of a standard Internet browser. A remotely located fire professional can use this access to analyze control panel status during non-alarm conditions and can also use this information to assist local fire responders during alarm conditions. **(NOTE: Secure access requires proper installation behind network firewalls consistent with local network security requirements.)**

Main Screen Description

Fire Alarm Control Panel Status Count:
Fire; Priority 2; Supervisory; Trouble

System menu for selecting investigation detail

Administrator access login

Local PC time and remote fire alarm control panel time

The screenshot shows the main interface with the following components:

- System Snapshot:** A table showing status counts for Fire (001), Priority2 (000), Supervisory (000), and Trouble (003).
- System Login:** Includes an "Administration Login" checkbox and a "Go" button.
- Logs and Reports:** Contains links for "Historical Logs Alarm | Trouble" and "TrueAlarm Reports Service | Status".
- Date/Time Snapshot:** Displays "Panel Time 10:01am 12DEC2002" and "Local Time 09:48am 12DEC2002".
- Administration:** Features a "Please Log In" button.
- Header:** "Building 1 Fire Control Panel", "Good Morning, safelinc", and navigation links "Home | Log Out | Help | About".
- System Menu (Left):** Links for "System Cards", "View Point Data", "System Summary", "Account Settings", "User Links", and "Email Log".
- Main Content:**
 - Location: "Central School District Memorial High School Anywhere, USA"
 - Host Fire Alarm Control Panel - General Information:
 - System Revision: 9.02.02
 - CFIG Format: 92
 - Job Name: 4020
 - Job Date: 22-Aug-02 11:48
 - Job Rev: 39
 - Administrative Contact(s):
 - Name: John Doe
 - Email: John_Doe@customer_site.com
 - Primary Tel: (555) 555-555 x 1111
 - Message: Please report any problems to J. Doe

Event Screen Sample

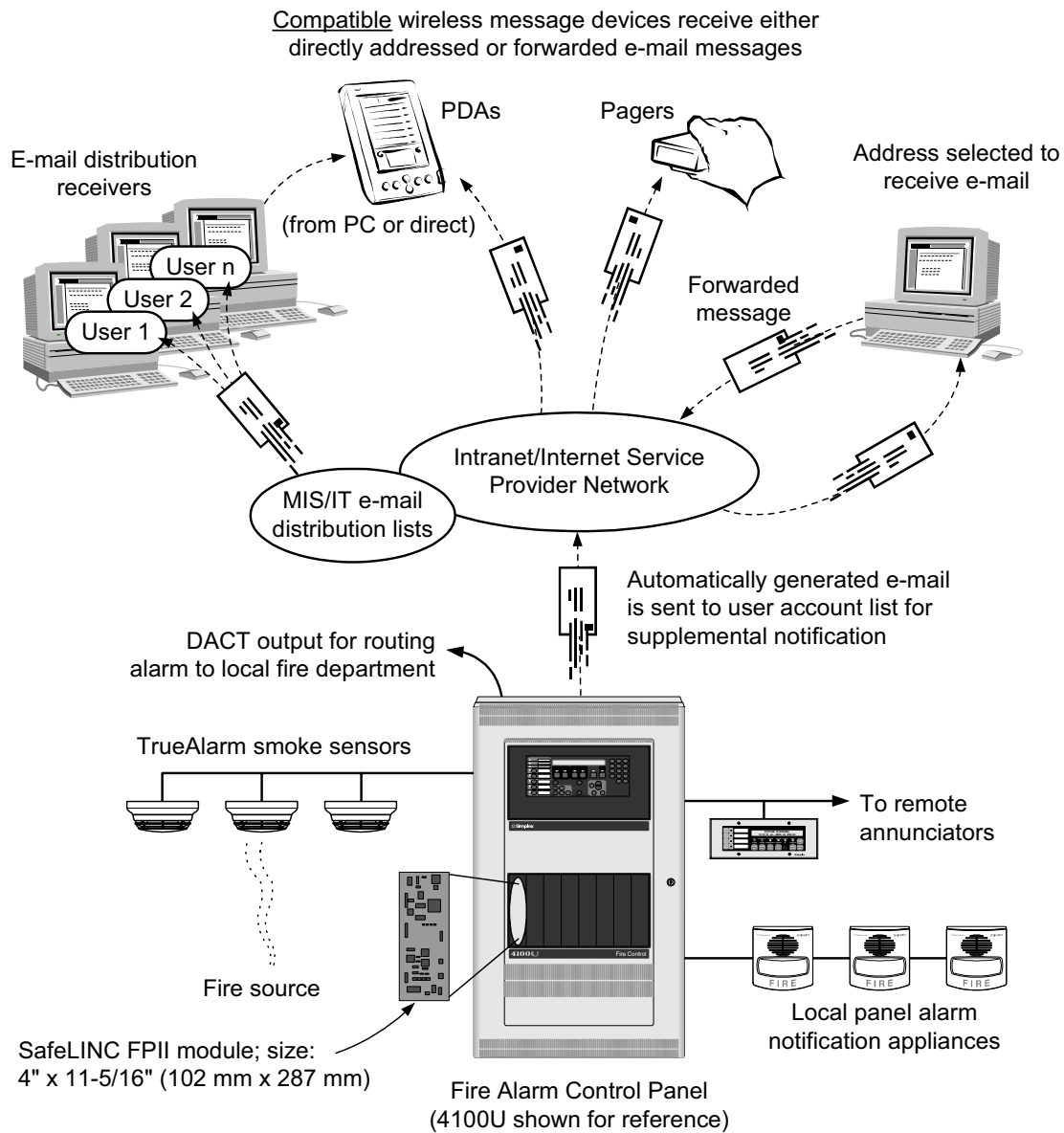
The screenshot shows the event screen with the following components:

- System Snapshot:** Shows counts for Fire (001), Priority2 (000), Supervisory (000), and Trouble (003).
- System Login:** Includes an "Administration Login" checkbox and a "Go" button.
- Logs and Reports:** Contains links for "Historical Logs Alarm | Trouble" and "TrueAlarm Reports Service | Status".
- Date/Time Snapshot:** Displays "Panel Time 01:26pm 12DEC2002" and "Local Time 01:13pm 12DEC2002".
- Administration:** Features a "Please Log In" button.
- Header:** "Building 1 Fire Control Panel", "Good Afternoon, safelinc", and navigation links "Home | Log Out | Help | About".
- System Menu (Left):** Links for "System Cards", "View Point Data", "System Summary", "Account Settings", "User Links", and "Email Log".
- Main Content:**
 - Location: "Central School District Memorial High School Anywhere, USA"
 - Host Fire Alarm Control Panel - General Information:
 - System Revision: 9.02.02
 - CFIG Format: 92
 - Job Name: 4020
 - Job Date: 22-Aug-02 11:48
 - Job Rev: 39
 - Administrative Contact(s):
 - Name: John Doe
 - Email: John_Doe@customer_site.com
 - Primary Tel: (555) 555-555 x 1111
 - Message: Please report any problems to J. Doe
 - Active Fire Event(s):**

A snapshot of the active fire events are listed for your system below. Click on the hypertext custom label to obtain detailed information about the point shown. To refresh the active Fire Event list, click on the Fire hypertext link located under System Snapshot above.

FIRE	Point Address & Custom Label:	Needs Ack?
	8-3-3 4100 MONITOR CARD 3 ZONE NUMBER 1	NO
	Banner:	Status:
	FIRE MONITOR ZONE	FIRE

Message Distribution Diagram



Product Selection

SafeLINC FPII Model	Compatible Panels	Mounting Reference	Module Impact
4100-6060	4100U Fire Alarm Control Panels	Mounts in Blocks A & B in an expansion bay	
4120-0160	4120 Series Network Panels: 4120-8001 4100-8601 4100-8010 4100-8700 4100-8201 4100-8701 4100-8511 4100-8721	4" (102 mm) module width, requires two slot locations	Reduces RS-232 Module capacity by one; With a SafeLINC FPII installed, each of these panels can have up to two additional RS-232 Modules
4100-0160	4100 Series Fire Alarm Panels: 4100-8001 4100-8511 4100-8010 4100-8601 4100-8201 4100-8701 4100-8210		
4020-0160	4020 Series Fire Alarm Panel model 4020-8001	Mounts in available 4" width on back plate or on top hat bracket	Select either 4020-0160 or the 4020-0113 RS-232 Module; <i>only one is available with the 4020</i>

Connection Requirements

The SafeLINC Internet interface is normally installed into a local facility network using conventional CAT 5 wiring (or better) and configured similar to an individual computer. The following summarizes the typical requirements:

- Mount behind security firewalls for maximum protection
- To automatically send e-mails, a simple mail transfer protocol (SMTP) mail account is required
- Each module has a unique Media Access Control (MAC) address that will be required by the local MIS/IT department to configure on the network
- For detailed information, refer to Installation, Setup, and Operating Instructions 579-349.

Access Security

Anonymous Login Screen. The primary login screen (below) does not describe the available connection. Unauthorized visitors that might find the SafeLINC Internet interface location would not know the purpose of the screen.

PRIMARY SYSTEM LOGIN

Username:

Password:

Enter Reset

IE 5.0+ Or Netscape 6.1+ on Win 98/ME/NT/2k Required
All access attempts to this site are logged.

Primary Login Screen

Module Specifications

Compatible PC Operating Systems	Windows® 98, ME, NT, and 2000
Voltage Range	18 to 33 VDC, supplied from the host fire alarm control panel
Current, Supervisory and Alarm	115 mA maximum @ 24 VDC
Module Status LEDs (for setup and service)	LED 1 Ethernet link status indicator, green LED
	LED 2 Ethernet link activity indicator, red LED
	LED 3 Detailed status indicator, yellow LED; blinking codes provide internal diagnostics and details on external connections
Operating Temperature Range	32° to 120°F (0° to 49° C)
Operating Humidity Range	Up to 93% RH, non-condensing @ 90° F (32° C) maximum

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Access Security (Continued)

Selectable Login Parameters. The designated SafeLINC FPII Administrator(s) can select the following parameters:

- Programmable login attempts before lockout; selectable from 1 to 20 with 3 as default
- Following an unsuccessful login attempt, a lockout period is in effect and during this time no access is allowed; lockout time is selectable from 0 to 24 hours, with 1 hour as default
- If desired, individual IP addresses or address series can be blocked from access
- Information is gathered about any unsuccessful attempt to login and e-mailed to the administrator(s)

Report Generation

The following reports are available:

- TrueAlarm sensor status reports for sensitivity selection, device status, and dirt accumulation status
- TrueAlarm sensor service reports including detail of current status and recorded peak status
- Logs for: Fire Alarm, Priority 2 Alarm, Supervisory, and Trouble

E-Mail Notification

E-Mail Feature. User accounts include e-mail addresses to allow the receipt of automatically generated or previously scheduled messages. Each user account can be selected for the event message categories required.

Message Forwarding. At the receiving e-mail account, messages can be forwarded by the local e-mail application. Messages can be forwarded to another computer, pager, Personal Digital Assistant (PDA), or other e-mail compatible message receiver. If desired, a user account could include an e-mail address list to allow distribution to multiple receivers without requiring forwarding and by using only one of the 20 available user accounts. (Refer to the message diagram on page 3.)

Synchronizing with PDAs. Compatible PDAs can be synchronized to a PC with a user account and pertinent messages can be stored for message portability.