

# Fire Alarm and Emergency Communications Systems



**SILENT  
KNIGHT**

by Honeywell

[www.farenhyt.com](http://www.farenhyt.com)

**Farenhyt Series**

[firealarmresources.com](http://firealarmresources.com)

# ECS Series - Emergency Communications Systems

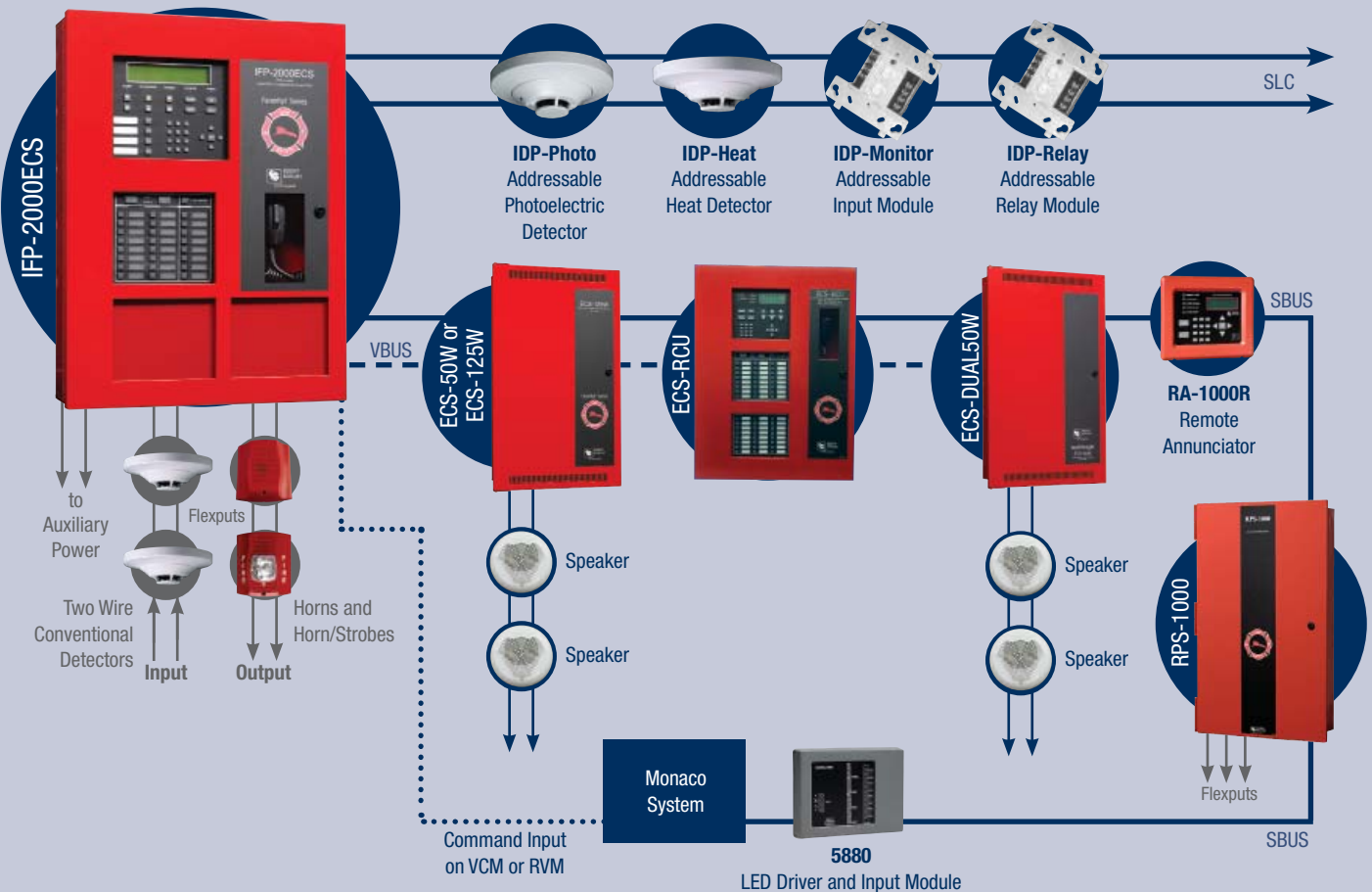
## Integrated Systems



### IFP-100ECS and IFP-1000ECS

Analog addressable fire alarm controls combined with integrated Emergency Communications Systems. The seamless combination of fire detection and emergency communication simplifies operation and programming of the entire system.

- Built-in Digital Message Repeater
- Supports up to 8 50W or 125W Addressable Amplifiers for a maximum of 1000W per system
- Up to 64 mappable speaker circuits
- Built-in digital communicator with up/download capability
- Can select ECS message as priority over fire
- 15 recordable messages that can be mapped to 8 ECS buttons
- Supports up to 7 ECS-RCU's. The ECS-RCU meets the requirements for an LOC
- Programmable trigger inputs from an external source, such as a Monaco system, to either the VCM, RVM, or 5880. Up to 8 inputs available on each 5880 module
- Fire Alarm and ECS combined in one easy to program system



# ECS Series - Emergency Communications Systems

## Integrated Systems



### IFP-2000ECS

Analog addressable fire alarm controls combined with integrated Emergency Communications Systems. The seamless combination of fire detection and emergency communication simplifies operation and programming of the entire system.

- Built-in Digital Message Repeater
- Supports up to 16 50W or 125W Addressable Amplifiers for a maximum of 2000W per system
- Up to 64 mappable speaker circuits
- Built-in digital communicator with up/download capability
- Can select ECS message as priority over fire
- 15 recordable messages that can be mapped to 8 ECS buttons
- Supports up to 7 ECS-RCU's. The ECS-RCU meets the requirements for an LOC
- Programmable trigger inputs from an external source, such as a Monaco system, to either the VCM, RVM, or 5880. Up to 8 inputs available on each 5880 module.
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## Standalone



### 550ECS

Analog addressable fire alarm controls combined with integrated Emergency Communications Systems. The seamless combination of fire detection and emergency communication simplifies operation and programming of the entire system.

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## Addressable Fire Fighter Telephone System



### IFP-FFT Fire Fighter Telephone System

- The most flexible and reliable fire telephone control system for fire fighters use with fire alarm systems, providing supervision, annunciation and control for local and remote telephone handsets
- Control and annunciate up to 72 remote telephone jacks
- Up to 10 Fire Fighter Remote Handsets (FFT-RHS) can be used to communicate over the circuit

# Conventional and Hybrid Conventional / Addressable



## SK-5208

This all-in-one conventional control panel is easy to install, program and maintain.

- 10 zones, expandable to 30 zones
- 4 Notification Appliance Circuits
- 6 A power supply
- Programmable from built-in touch pad
- Built-in digital communicator



## IFP-25

Hybrid Conventional / Addressable 25 point panel is as easy to install as a conventional panel with the intelligence of an addressable system.

- Cost effective
- Perfect for smaller jobs such as sprinkler monitoring, day care centers, elevator recall, or small retail locations
- Utilizes cost saving HFS devices



## SK-2 (2-Zone)

- Form C Alarm and Trouble relays
- 240 VAC primary (SK-2E only)



## SK-4 (4-Zone)

- Form C Alarm, Supervisory and Trouble relays
- Optional module that converts all 4 IDCs and 2 NACs to Class A
- 240 VAC primary (SK-4E only)

## Communicators

### IPGSM-4G IP Fire Communicator with GSM/SMS Backup

- Triple path fire alarm communicator utilizes IP, GSM and SMS technology. Uses IP communication as the primary communication, with dual GSM technology as a backup
- Faster response time
- Connects directly to fire alarm DACT circuit
- Saves the cost of telephone lines
- Communicates using cost-effective IP connectivity, yet switches to GSM cellular communications if the internet goes down or selectable to GSM cellular only or IP only



### 5104 Digital Fire Communicator

- One of the most popular communicators
- Works as a standalone unit or adjunct to another Fire Alarm Control Panel
- Fully supervised



### IP Fire Communicator

- Uses IP communication as the primary communication
- Connects directly to fire alarm DACT circuit or the 5104
- Faster response time
- Saves the cost of telephone lines





# IFP Series

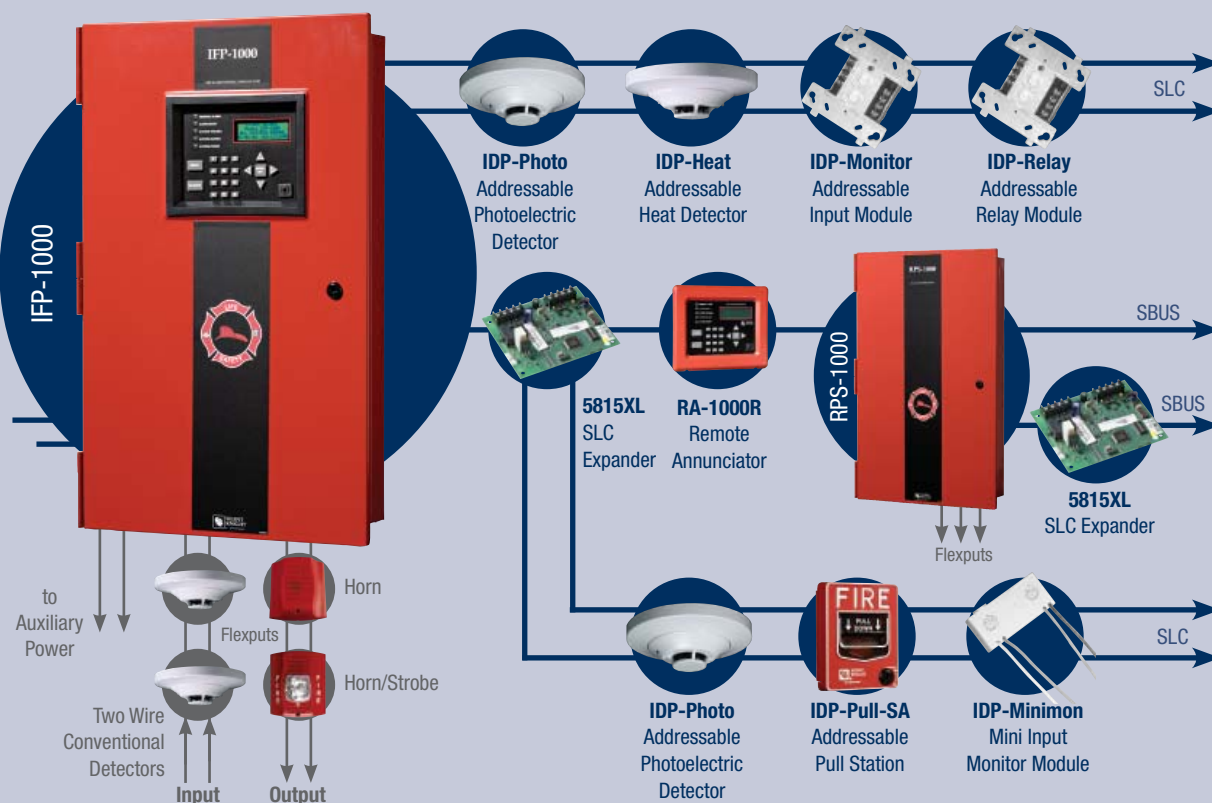


## IFP-50, IFP-100 and IFP-1000

The IFP Series of fire products offers flexible, easy-to-use and maintain fire alarm control systems, with the power of choice to select the right size and accessories for the project.

- Analog controls for detector sensitivity, day/night thresholds, drift compensation and pre-trouble maintenance alert
- User friendly software provides access to programming, up/downloading, event history, detector status, test reports, and much more
- Save money on wiring by using standard wire – no shielded or twisted pair required
- Built-in digital communicator and alarm reporting by point or zone
- Capable for water releasing service
- Capable of temporal 3 for fire and temporal 4 for CO detection using IDP-Fire-CO detector

Feature	IFP-50	IFP-100	IFP-1000
Addressable Points	50/50	99/99	792/792
SD	50	127	1016
NAC	2	4	6
Power supply	2.5A	6A	6A



**Flexput® Circuits** - Flexible input or output circuit that you can conveniently program to be used for Notification Appliance Circuits, Auxiliary Power, or as a conventional input circuit. With auxiliary power, it can be selected as constant power, door power, or resettable smoke power. The Flexput circuits provide the utmost versatility without the added expense of additional modules, a perfect fit for retrofitting an existing conventional system when budgets are a concern.

# Networking

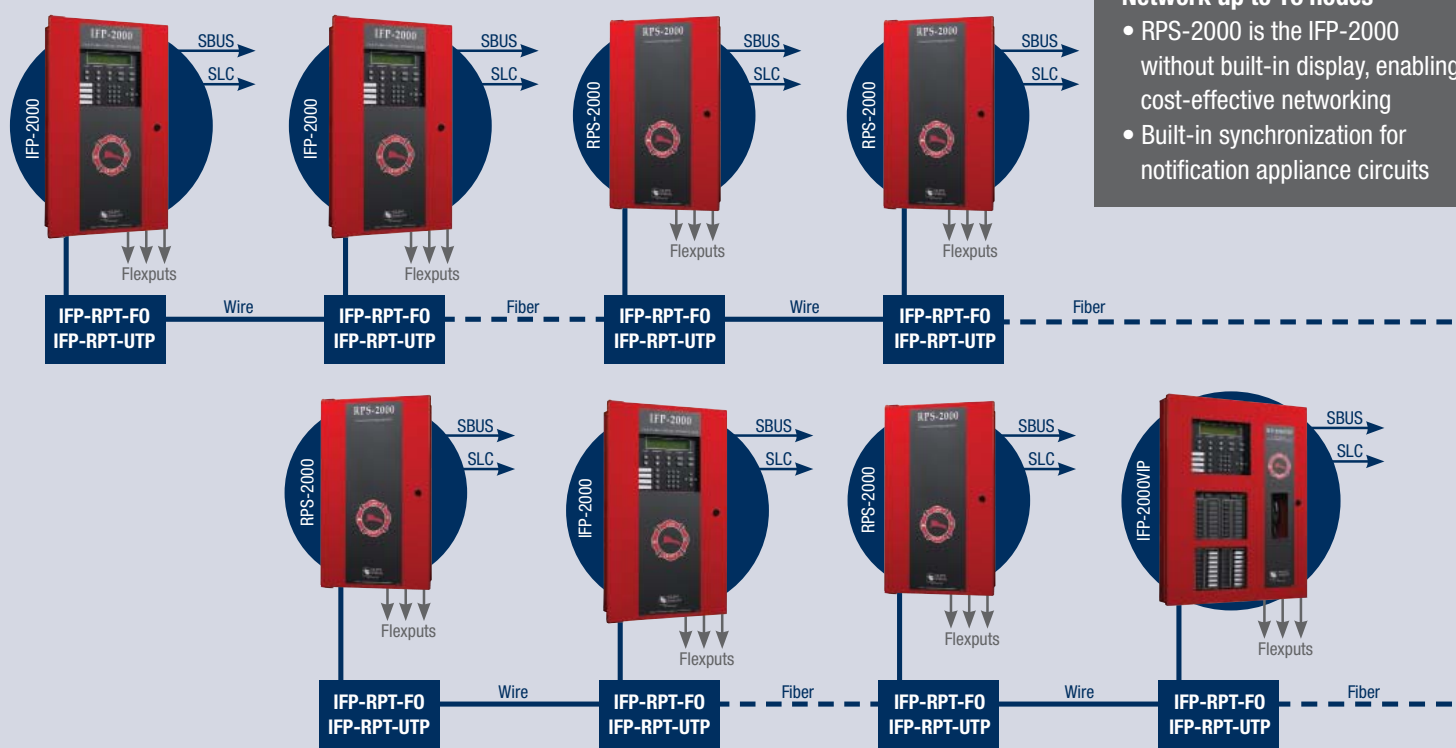


## IFP-2000 and RPS-2000

A powerful choice in fire alarm controls, the IFP-2000 Series offers the most flexible and reliable system. As a standalone control panel, it has the highest power and point capacity available in the Silent Knight portfolio. Leverage the four Function Keys for maximum flexibility in programming and operations. For large projects, up to 16 panels can be networked together, to accommodate current needs and allow for future growth.

- 9A power supply
- One on-board SLC with capacity of 159 detectors + 159 modules
- Max SLC points 636 per panel or 10,176 per network
- 999 zones / 999 groups
- 8 Flexputs

## IFP-2000 Networking Options



## IFP-Net-3 Graphic Monitoring System

The IFP-Net is Graphic Monitoring System software used to monitor up to 200 addressable control panels (nodes) with accessories. Running on a standard PC workstation and Microsoft® Windows® 7, the IFP-Net presents the user with an easy-to-use and attractive graphic user interface. It is fully customizable to adapt to a wide variety of monitoring situations and supports multiple operators monitoring all or a portion of local sites.



### IFP-Net-3 Features

- Monitors panels over IP Network
- System Administrator-definable profiles allow for extremely flexible definition of operator accounts
- Plug-in architecture
- Event printing from workstation or on the network
- Autonavigation (selectable for each device) automatically locates and zooms to the device related to an alarm or event, based on the priority of the event
- Utilizes existing building drawings exported to .wmf or .bmp formats
- Dynamically generated sizeable key map linked to main screen
- Monitor up to 200 Silent Knight Addressable Fire Alarm Control Panels

# Accessories

## Addressable Power Supplies

*The intelligent way to distribute power throughout your installation.*

Both power supplies have:

- 6A of output power
- Auxiliary power
- Notification Appliance Circuit (NAC)
- Built-in synchronization for System Sensor, Wheelock, Gentex, and Faraday

### RPS-1000

- 6 programmable Flexput I/O circuits for ease and flexibility in programming
- Additional 1 amp SBUS
- 2 programmable relays
- Conventional input

### 5496

- 4 programmable output circuits



## Detectors

### IDP Devices

- Save time with code wheel addressing
- Proprietary to IFP series Fire Alarm Control Panels

### SD Devices

- Reliable, addressable detectors and modules
- Works with all Silent Knight Fire Alarm Control Panels

### CO/Smoke

- Reliable, addressable detectors and modules
- Works with all Silent Knight Fire Alarm Control Panels



### FAAST Aspiration Detection

- Very early warning fire detection using air sampling and dual sensing technology
- Protect high value assets, mission critical operations, and reduce false alarms
- Works with all Silent Knight Fire Alarm Control Panels



### Gas and Flame Detection

- Flammable, toxic & combustible gas detection
- Flame detection by UV and IR
- Works with all Silent Knight Fire Alarm Control Panels



## Notification Appliances

### SpectrAlert Advance

The System Sensor SpectrAlert Advance product line is the industry's newest, most refined series of audible/visible notification appliances that simplify the specification, configuration, and installation of fire systems. These indoor and outdoor, wall and ceiling devices include plug-in design for wiring mounting plates, pre-installation wiring continuity checks, plus choice of high fidelity or high volume speakers and eleven field-selectable candelas.

Silent Knight fire alarm systems all have built-in synchronization for System Sensor, Wheelock, and Gentex.





# Proven Applications

## Silent Knight Fire Alarm Systems

### Education: Schools and Universities



#### *Fire Alarm Systems That Work for Your Schools*

- Cost effective systems for retrofit or new construction as existing wiring can be used
- Systems that grow with schools and campuses
- Emergency Communications Systems for reliable notification
- Silent Knight is proud of their long history of serving the education community, building a strong reputation based on many satisfied customers.

Provide complete coverage of all the buildings on a school or university campus with the wide range of Silent Knight fire control panels.

### Hospitality: Hotels, Entertainment and Restaurants



#### *Effective Fire Protection for Guest Safety*

- Ease of programming reduces installation time for small and large projects
  - Distributed power supplies enable more effective use of power for notification
  - Advanced smoke detection available for difficult areas prone to false alarms
- From a single 25 point panel to a 16 node network with thousands of points, Silent Knight has the system to match the building you are protecting.

### Health Care Facilities: Clinics, Senior Living, and Hospitals



#### *Superior Life Safety for Healthcare Facilities*

- Integrated Emergency Communications Systems in the fire alarm control panel simplifies installation and operation
  - Safe solutions for individual rooms offer flexibility and confidence
  - Minimized nuisance alarms with utmost detection accuracy
- With Silent Knight's large point capacity systems and networkable control panels you can have complete coverage of your facility and maintain ADA compliance.

### Places of Assembly: Religious, Community and Sports Centers



#### *The Right Emergency Systems for the Gathered Community*

- Emergency Communications capabilities integrated with the fire alarm controls ensures the right message gets to the occupants for immediate evacuation
  - Functional systems design allows flexibility to meet current and future facility needs
- Highly reliable fire alarm system
  - The VIP-Series control panels use distributed amplifiers, enabling location of the amplifiers where the speaker circuits are located, eliminating long wire runs. Speakers run at lower voltage setting, which reduces wiring costs.



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### About Silent Knight

Founded in 1961, Silent Knight designs and manufactures commercial fire alarm and life safety systems. As part of Honeywell Fire Systems, Silent Knight is a leader in the fire alarm industry with its broad portfolio of products which are available through Farenhyt Authorized Distributors throughout the United States. Silent Knight's manufacturing operations are based in Northford, CT.

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