

Emergency Communication Systems



Be Ready

Will you be ready to respond when your building is hit with a life threatening emergency? Silent Knight is ready to provide the solution with our new Emergency Communication Systems (ECS). An ECS is designed to keep occupants informed of both fire and non-fire emergencies with real time information that will direct them to safety, whether that means to evacuate or go to a specific place of refuge. Silent Knight's ECS series meets the UL 2572 and NFPA 72 standards for Emergency Communication Systems.

Fire Alarm + ECS

Most experts recommend the use of a combined fire alarm and emergency communication system to leverage the robustness of the fire alarm system. Silent Knight's long history of providing highly reliable voice-integrated systems continues with this new series of integrated fire alarm and emergency communication systems. We provide a solution for protecting people and property all in one package.

Be Ready to Respond with Silent Knight's ECS Series

- *Provide life safety communication to facility residents where and when they need it*
- *Be confident as this system meets UL 2572 standard and NFPA 72 Chapter 24 ECS code.*
- *Emergency communication system and fire alarm control panel are combined in one cabinet which saves you money on installation and maintenance*
- *Easy to use and intuitive system*



**SILENT
KNIGHT**

by Honeywell

Comprehensive Emergency Messaging with Robust Audio Power



IFP-2000ECS

Fire alarm control panel with integrated emergency communications system (ECS)

- Networkable to 16 nodes
- Supports up to 2000 watts audio
- Over 10000 points
- Dual channel capable
- Back-up amp



IFP-1000ECS

Fire alarm control panel with integrated emergency communications system (ECS)

- Supports up to 1000 watts audio
- Up to 1584 points
- Back-up amp



ECS-550

Standalone emergency communications system (ECS)

- 50/100 watts in control unit
- Supports up to 1100 watts audio

Flexible Control



Remote Command Units ECS-RCU2000 ECS-RCU

- Qualifies as a Local Operators Console, or LOC, with a button to request control of the ECS
- Contains 8 buttons for ECS messages with easily identifiable labels
- Has a remote microphone for live ECS paging

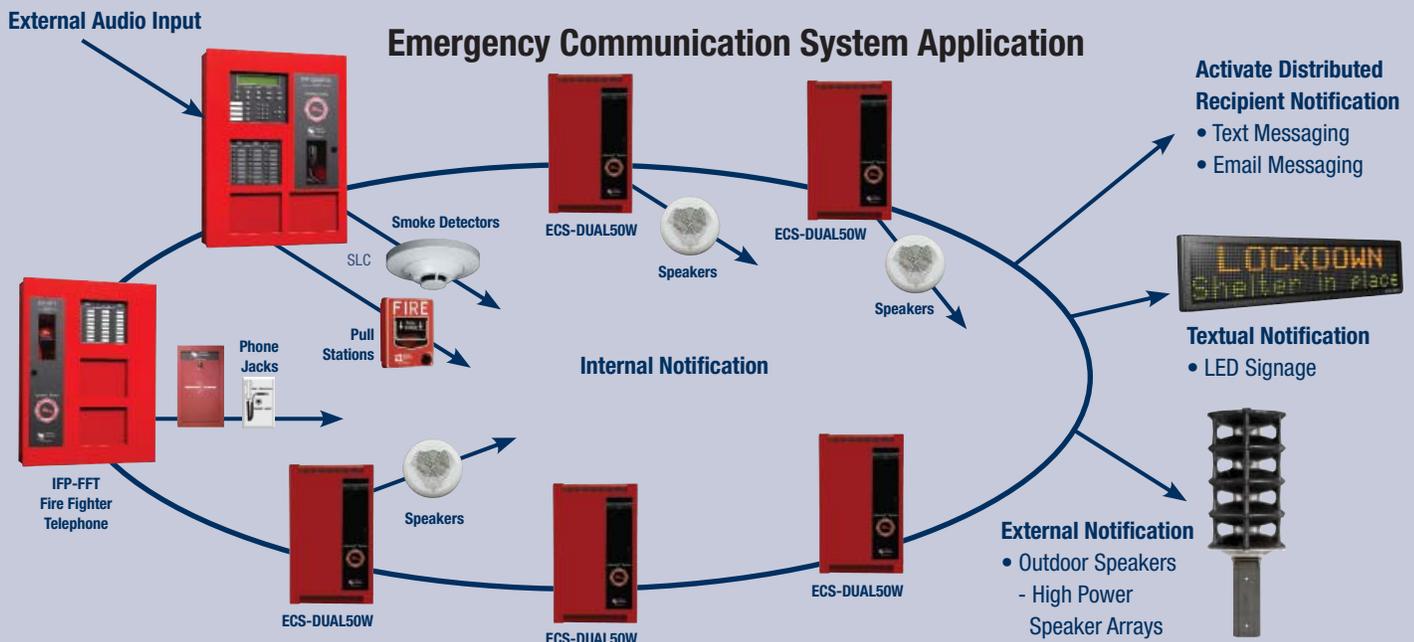
Loud and Clear Messaging

- Silent Knight systems use an exclusive distributed amplifier strategy, allowing you to put the audio power where you need it. Save time and money on wiring and materials.
- Can use multiple amplifiers installed throughout the facility for more power and more intelligible messages



Amplifiers

- ECS-DUAL50W capabilities
 - 50 or 100 watts
 - Dual channel
 - Low frequency
 - Back-up amp
- ECS-50W – 50 watts
- ECS-125W – 125 watts



Advanced Detection Technology

Provides extra life safety protection for building occupants from more dangers than just smoke



IDP-FIRE-CO

Combination addressable CO and Fire detection in one device

- Looks great – one device on the wall
- Save time & money – eliminates need for installation & wiring of multiple devices
- Only uses one address
- B200S Sounder Base puts out Temp 3 or Temp 4 tones



FAAST Aspiration Detection

- Very early warning fire detection using air sampling and dual sensing technology
- Protect high value assets, mission critical operations, reduce false alarms



Gas and Flame Detection

- Flammable, toxic & combustible gas detection
- Flame detection by UV and IR

Emergency Communication Notification Appliances

High quality speakers and alert devices provide a clearly intelligible message to occupants



SpectrAlert Advance

- ALERT – printed devices meet NFPA Chapter 24. Amber lens available.
- Dual Strobe Expander Plates provide lower costs and improve aesthetics
- Provide a high fidelity & high volume sound output which makes it easier to get your emergency message across & understood

Silent Knight Farenhyt™ Series Emergency Communication System Portfolio

Not all projects have the same needs. Silent Knight has the right system size and flexibility to help keep your people safe. We have knowledgeable, experienced applications engineers, regional managers & certified engineered systems distributors (ESD's) to help get the right protection for your facility.

| Product | Features | Best Application |
|-------------|---|---|
| IFP-2000ECS | <ul style="list-style-type: none"> • Networkable up to 16 nodes • Integrated fire and ECS system • 636 points expandable to 10176 pts, either protocol • Supports up to 16 amps - 2000 watts max • Dual channel capable • 9 amps power supply • Back-up amp compatible | <p>Large ECS/Voice systems that require high intelligibility, back- up amps, dual channel</p> <p>Colleges/Universities, Military, Healthcare Centers, Sports Complexes</p> |
| IFP-1000ECS | <ul style="list-style-type: none"> • Integrated fire and ECS system • Supports up to 8 amps - 1000 watts max • 1584 points (792 detectors, 792 modules); 1016 SD • 6 amp power supply • Back-up amp compatible | <p>Mid to large ECS/Voice systems</p> <p>Schools, Malls, Office Centers</p> |
| IFP-100ECS | <ul style="list-style-type: none"> • Integrated fire and ECS system • 198 points (99 detectors, 99 modules); 127 SD • Supports up to 8 amps - 1000 watts max • Back-up amp compatible • 6 amp power supply | <p>Small to mid size ECS/Voice systems</p> <p>Churches, Theatre, etc.</p> |
| ECS-550 | <ul style="list-style-type: none"> • Stand alone ECS/Voice System • 50/100 watts at control unit • Supports up to 1100 watts max • 8 command inputs • Modular design | <p>Retrofit projects where cost is concern or projects that only need a standalone ECS/Voice system</p> |

Silent Knight Emergency Communication Systems

Education: Schools and Universities



Voice Integrated Fire Alarm Systems That Work for Your Schools

- Cost effective systems for retrofit or new construction as existing wiring can be used
- Systems can grow with schools and campuses
- Integrated ECS provides reliable notification

Military and Government: Federal, Local, and Municipal



Mass Notification System Integrated with Robust Fire Alarm Control

- Meets UFC and UL codes for MNS & ECS
- ECS components with flexible programming save time and money in installation
- Preferred system for reliability

Hospitality: Hotels, Entertainment, Restaurants, Religious, Community, Theatres, Sports Centers



Effective Fire Protection for Guest Safety

- Effective emergency protection for guest safety
- Advanced detection for difficult areas prone to false alarms reduces guest disruption
- Get the right message to the right people cost effectively with distributed amplification with more power

Places of Assembly: Religious, Community, Theatres, 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 or life safety direction
- Functional systems design allows flexibility to meet current and future needs

Risk Analysis

NFPA 72 Chapter 24 requires a thorough risk analysis to be conducted for each facility, and then used as the basis for development of the emergency response plan. The system designer needs to consider both fire and non-fire emergencies in this analysis. New for the first time, the code allows priority of ECS messages over fire alarm evacuation messages if determined by the risk analysis. Silent Knight's ECS controls allow the user to set an ECS message at a higher priority than the fire alarm message, enabling building owners to meet the latest NFPA72 2010 codes and UL 2572 standard.

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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