

Honeywell



E3 Series®

Emergency Communications

The Right Message to the Right People at the Right Time



Our society has witnessed many tragic effects caused by fire, terrorism, destructive weather, and intruders.

How will you guide your building's occupants to safety during a catastrophic emergency?

Our society and economy are more dependent than ever on safeguarding critical assets. Protecting people and property from threats is essential to our future. The E3 Series® Expandable Emergency Evacuation System by Honeywell Gamewell-FCI provides the most survivable, cost-effective, and customizable emergency communication system for both your fire alarm and mass notification needs.

As specified in the Unified Facilities Criteria (UFC), the E3 Series protects life and property by indicating the existence of an emergency situation and providing “real-time” instructions to a large number of people – whether inside a building or spread out over a large complex, campus, or multi-building facility.

While the purpose of a fire alarm system is to evacuate the building safely in the event of a fire, a mass notification system (MNS) is designed to keep occupants informed of the type of emergency, and tell them what to do and where to go. However, they share common goals – to warn people of danger and provide information to stay safe.

“combined fire alarm and mass notification system offers cost savings”

For this reason, the NFPA 72 code now recommends the use of a single integrated, combination emergency communication system (ECS). The E3 Series complies with NFPA 72 and is also designed to meet the combined system requirements as outlined in the UL 2572 Standard. Not only will a combined fire alarm and mass notification system offer substantial cost savings advantages, but the new standards allow for better coordination of the system's functions, which is vital in minimizing confusion and panic during emergency conditions.



The Future of Fire Alarm Control, Assisted Voice Evacuation, and Mass Notification



With an advanced approach to technology, our unique Local Operating Consoles (LOCs) have robust distributed messaging capabilities; providing users the ability to program the system to broadcast messages that automatically change as the situation changes. This versatile feature allows the system to manage mass notification functions, override fire alarm and external voice announcements, and simultaneously distribute different emergency communications to zones, floors, multiple buildings, large outdoor campuses, or facility areas.

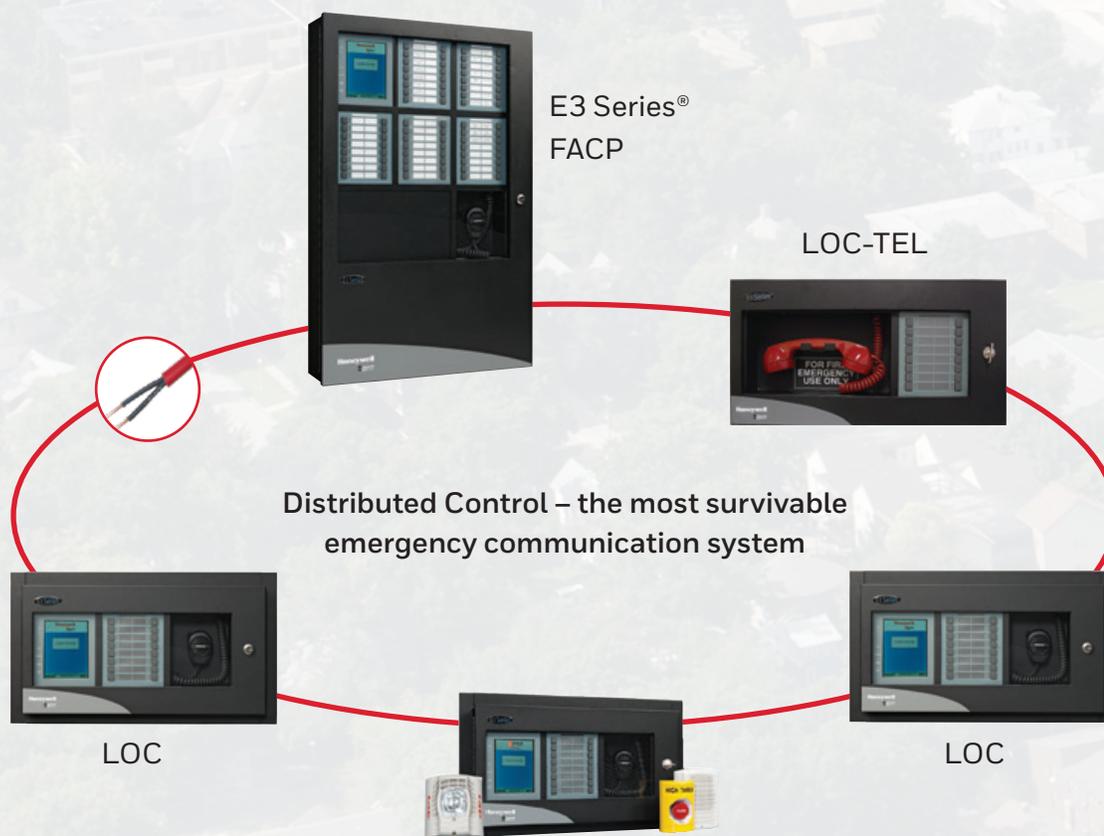
Our LOCs are fully supervised and easily interface to existing paging, telephone, and base wide systems. In addition, they operate as the Autonomous Control Unit (ACU) and can function independently from the Wide Area MNS System.



Unmatched Reliability and Survivability

The strength of the E3 Series® Expandable Emergency Evacuation System is its ability to communicate real-time information that directs people to take the appropriate actions in the ever-changing conditions of an emergency situation. Its intuitive technology allows users to provide reliable, updated instructions as the event unfolds. Survivability of your communication system is crucial in any emergency situation. Because the E3 Series uses distributed communication control – not centralized – it is the most survivable emergency communication system in the event of a catastrophic situation..

Distributed messaging and true peer-to-peer exchange of data packets ensure that each segment of the system operates independently, even if the other segments have been damaged in a crisis event. The E3 Series is designed to survive virtually any emergency situation. Style 7 wiring configuration provides complete supervision while backup amplifiers offer uninterrupted messaging.



The Complete Emergency Communication System

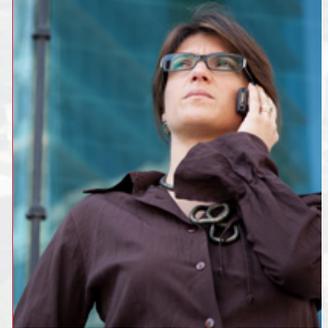
When communicating to a broad population spread out over miles of a facility, conveying clear concise messages becomes a challenge. The E3 Series® consolidates fire, security and mass notification with one life safety platform. Our fully integrated system offers three primary areas of communication to inform and direct people to take the appropriate response to an emergency situation.

Distributed Recipient Mass Notification

Telephone
Cell Phone
Text Message

Desktop Alerts
Email

LED Signage



In-Building Mass Notification



Central Command and Workstation

Fiber Optic

Twisted Pair

Ethernet

Ethernet

Radio

Mesh Radio

Wide Area Mass Notification

Traffic Lights
Gates
Turnstiles

Outdoor Speakers

Large Digital Messaging



Seamless Operation

Emergency communication systems utilize Autonomous Control Units (ACUs) to monitor and control the notification appliance network. Many MNS suppliers provide their ACUs through the use of multiple sub-systems that tie into various third-party systems. With the E3 Series®, the ACUs are built right into the fire alarm system architecture for a fully integrated, seamless operation. Benefits of our combined system include:

- Seamless distribution of ECS intelligence
- Coordination of system functions that communicate audibly and/or visibly, such as fire, MNS, security, or public address
- Prioritize emergency messages more efficiently
- Fully programmable to meet the most difficult applications
- Powerful and faster transfer of data
- Easier to maintain and operate
- Far more economical

Ease of Use

Designed with the first responder and user interaction in mind, products such as our NGA Network Graphic Annunciator are engineered with intuitive and mobile technologies. Their innovative approach provides simple yet powerful tools designed to save valuable time in choosing the right response to an emergency incident.

Right Size Solution

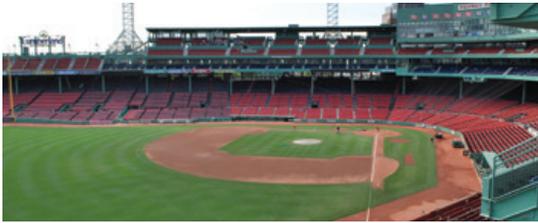
The modular, building block design provides a simpler, faster, and more economical mass notification solution for virtually any new or existing building, facility, or campus. Our components share processing technology within the system; therefore less hardware is needed for future growth and expansion.

We Hold Ourselves to a Higher Standard

The E3 Series® Expandable Emergency Evacuation System is listed to the ANSI/UL 2572 Standard. The complexity of this highly stringent standard, which tests equipment, performance levels, and power backup ensures the system is highly survivable while continually supervising itself for faults.



Proven Solutions Protect a Multitude of Applications



Communities and Places of Public Assembly

When it comes to sports arenas and places of public assembly, civil authorities and private-sector stakeholders expect voice evacuation systems to do more than direct people to the nearest exit. With the push of a button, the E3 Series® System can take over Fenway Park's public address with detailed emergency instructions.



Hospitals and Healthcare Facilities

High-speed communication is extremely important in hospital environments where time is critical. The E3 Series System at St. Joseph's Hospital carries data over a single pair of unshielded wires at a 625K baud rate. The industry standard for data communication is 100K to 318K baud.



Military Installations

As dictated by the Department of Defense's UFC document 4 021 01; the most rigorous standards concern intelligibility. Fort Knox Military base chose the E3 Series after a live demonstration of its ability to dispense critical instructions in a measurably clear and concise manner. This is especially important considering the facility's 100-plus building configuration.



Local and Municipal Government

With network technology, the E3 Series transports signals from the autonomous control center to each user interface, providing the Rhode Island State House with custom announcements on a zone-by-zone, floor-by-floor basis.



Schools and Universities

School administrators look to the E3 Series as a one-system solution. Combining fire alarm, security, and mass notification in one platform offers huge economical advantages to fit the budget limitations of school districts today.

In compliance with NFPA code requirements, administrators have peace of mind knowing E3 Series technology can be relied upon to give clear, concise emergency instructions. All faculty, students, and visitors are informed in the building, outside campus, or even miles away via cell phones, PDA's, and text messaging.

EVERY LIFE SAFETY PRODUCT AND SERVICE YOU NEED

- Fire Alarm Control Panels
- Voice Evacuation Panels
- Emergency Communications Systems
- Gas and Flame Detection
- Advanced Detection
- Notification Appliances

THE LEGACY YOU CAN RELY ON

Gamewell-FCI, part of Honeywell Life Safety (NYSE - HON), combines a tradition of excellence in protecting life and property, an innovative approach to technology, and a proven record of outstanding customer service. With its resources, expertise, and experience, Gamewell-FCI is dedicated to staying one step ahead.

Our products are available through an authorized network of independent Engineered System Distributors (ESDs). Partnerships with a wide variety of distribution outlets allow us to provide the most cost-effective, non-proprietary fire and life safety products available today.

For more information

www.gamewell-fci.com

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