GAMEWELL-FCI E3 AND S3 PRODUCT GUIDE



Honeywell

Gamewell FCI FIRE CONTROL INSTRUMENTS

BUILT ON TRUST
ENGINEERED FOR TOMORROW

For over 150 years, Honeywell's Gamewell-FCI has been at the forefront of fire and life safety, trusted by institutions, campuses and commercial facilities to protect people and physical assets.

Today, that legacy continues with Gamewell-FCI's E3 Series® Expandable Emergency Evacuation System and S3 Series® designed for the complex challenges of modern buildings.

From high-rise residential towers to sprawling university campuses, the E3 Series® and S3 Series® deliver confidence through real-time detection, unique programming capabilities and seamless integration into a single, unified system. System expansion, upgrades, and changes are simpler and more cost-effective compared to traditional fire alarm systems. Gamewell-FCI E3 Series® and S3 Series® empower you with the tools to act and respond.

This is Gamewell-FCI: Engineered to lead, trusted to protect, and prepared for what's next in your world.



SIMPLIFYING COMPLEX ENVIRONMENTS

Designed with a modular, building block architecture, Gamewell-FCI systems scale seamlessly from a single facility to a large multi-campus network, all while maintaining unmatched survivability.



UNIFIED COMMUNICATION ON A SINGLE PAIRED WIRE

At the core of the E3 Series® and S3 Series® is a broadband backbone that transmits voice, data and control signals over paired wire or fiber, simplifying installation, reducing costs and enabling faster, reliable communication. These wires support digital messaging, voice evacuation and firefighter telephone communication.

PEER-TO-PEER RESILIENCE

Unlike centralized systems that risk total failure at a single point, the E3 Series and S3 Series use true peer-to-peer networking. This means that each panel can act as a master node, ensuring uninterrupted operation even if part of a system is compromised. This architecture makes Gamewell-FCI a leader in survivability for mission-critical environments.

ENGINEERED FOR CUSTOMIZATION

No two buildings are alike, and neither are their safety needs. The E3 Series and S3 Series have high-level, flexible, and programmable architecture that adapts to your environment. Regardless of your building type, the E3 Series gives you total control over how your system behaves, communicates and responds.

- **Custom logic:** Using Boolean logic, customize your system from simple cause-and-effect events (AND, OR, XOR, NOT) to more complex functions such as Timers, Sequences, and Counters.
- **Zone-by-Zone Precision:** Configure alerts, messages and device behavior to individual floors, rooms or zones.
- **Adaptable to Broader Systems:** Integrate with HVAC systems and elevators, for example, alongside other Honeywell systems, handling the complexity and interconnected nature with modern facilities.

E3 SERIES®

BUILT FOR SCALE

Engineered for buildings of all sizes, including large campuses, the Honeywell E3 Series is the most cost-effective fire alarm and emergency notification system available . Its modular design makes installation and future expansion simple and affordable. The system ensures fast, reliable communication during emergencies and offers flexible user interface options, including an intuitive touchscreen or a straightforward display. With sleek, adaptable enclosures and a wide range of control modules, the E3 Series delivers dependable performance and easy operation, making it a smart choice for both everyday use and critical moments.



FEATURES

- Incomparable “building block” design means fewer, smarter modules can be used for standalone, networked, voice evacuation, and mass notification systems
- Programmability for complex needs and diverse environments using CAMWorks® software
- 4.3-inch color touchscreen display (optional)
- ARCnet communication uses twisted pair, fiber optic, or a mix of both for maximum installation flexibility
- Broadband data transmission allows messages over a single pair (wire or fiber), making design, installation, and troubleshooting easy and economical
- Special functions like city connection and 2 Class “A” or “B” 2.5 amp NAC circuits are built-in
- Easy expansion and forward-thinking design for low cost of ownership
- Supports up to 122 nodes and over 75,000 devices—enough for large buildings or campus environments
- Multi-channel audio ensures survivability to keep emergency responders in touch with building occupants
- Retrofits into legacy Gamewell and FCI panels

WHY CHOOSE THE E3 SERIES?

- Accommodation of large networks of devices + components
- Modular, scalable architecture for future growth
- Programmability for complex needs and diverse environments
- High system survivability
- Long-term cost efficiency

COMMON APPLICATIONS

- Education Campuses
- High-Rise Buildings
- Healthcare Campuses
- Large Commercial Spaces
- Military applications
- Manufacturing facilities
- Multi-use arenas
- Government facilities

S3 SERIES®

BUILT FOR SIMPLICITY

Engineered for small to mid-sized campus environments, The S3 Series™ fire alarm system is a user-friendly, intelligent solution, offering easy installation through analog technology and intuitive operation via a 4.3-inch color touchscreen. It functions as a standalone or networked system, supporting up to 122 panels and integrating seamlessly with the E3 Series® Emergency Evacuation System over a single wire pair for cost-effective scalability. With clear LED indicators and customizable switches, the S3 Series simplifies system management for facility staff and first responders, making fire safety more accessible.



FEATURES

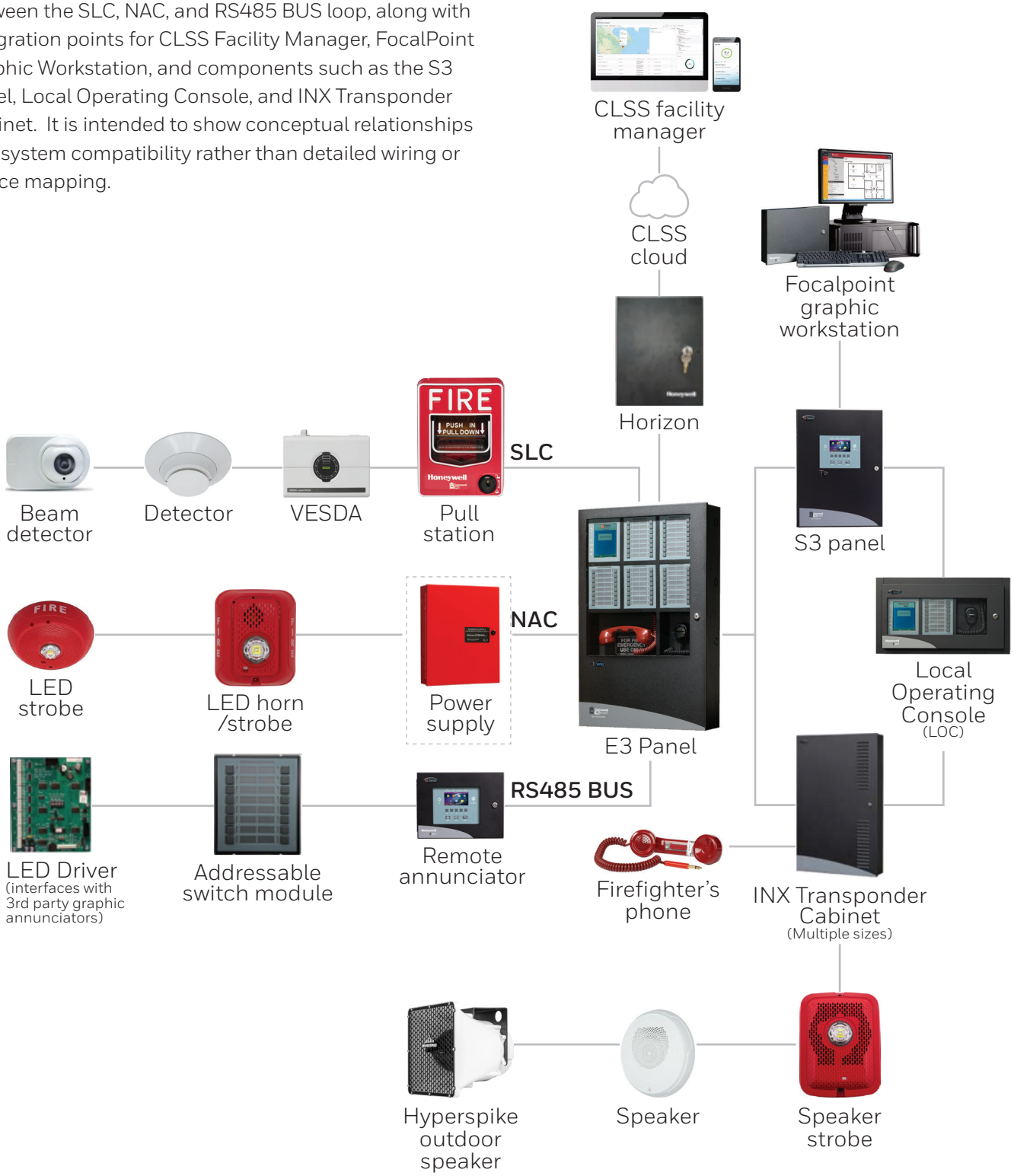
- 4.3-inch color touchscreen display
- 5 programmable function buttons for quick and simple access to common service actions
- Supports a wide range of System Sensor sensors/modules
- Available in a single loop – easily expands to 2 loops without replacing the complete system (636 maximum devices with System Sensor)
- Advanced networking capabilities for system expansion – up to 122 nodes over twisted pair wire or fiber optics
- Communicates to E3 Series® system for mass notification and voice evacuation capabilities
- Complete range of programming from automatic configuration to CAM logic, user-selectable flexibility
- Hazard LED indicator for gas and carbon monoxide event
- Built-in Ethernet port for programming and FocalPoint® connectivity
- Retrofits into select legacy Gamewell/FCI panels, including Gamewell 602/610 and FCI 7100 Series Panels
- Automatically adjusts to any EOL value for legacy audible/visual appliances
- Removable display for optional remote annunciation

COMMON APPLICATIONS

- Retail/strip malls
- Commercial offices
- Places of worship
- Assisted living facilities
- Hospitality

E3 SERIES®
ARCHITECTURE

This diagram provides a high-level overview of the E3 network architecture, illustrating general connectivity between the SLC, NAC, and RS485 BUS loop, along with integration points for CLSS Facility Manager, FocalPoint Graphic Workstation, and components such as the S3 panel, Local Operating Console, and INX Transponder Cabinet. It is intended to show conceptual relationships and system compatibility rather than detailed wiring or device mapping.



INTEGRATION FOR MAXIMUM PERFORMANCE

The E3 and S3 Series fire and life safety systems are designed to work seamlessly with Honeywell's cloud services, advanced detectors, notification devices, and control modules. This compatibility empowers your system to scale effortlessly, respond more intelligently, and deliver stronger protection across any facility. A few key compatabilities include:

CONNECTED LIFE SAFETY SERVICES (CLSS)

Complete visibility and control over your fire and life safety systems. With secure connectivity, real-time remote access, and cloud-based compliance reporting, CLSS ensures faster alarm transmission, fewer service disruptions, and smarter maintenance. From predictive diagnostics to instant inspection retrieval, CLSS strengthens system performance while reducing downtime and operational costs.

VERY EARLY WARNING ASPIRATING SMOKE DETECTION (VESDA)

Very early warning aspirating smoke detection (ASD) uses continuous air sampling to provide the earliest possible warning of impending fire hazards. VESDA detectors have multi-level warnings and a wide range of sensitivity that does not degrade or change over time, so even minute levels of smoke can be detected well before a fire has time to escalate. Enabling critical time needed to investigate alarms and initiate appropriate responses to prevent injury, property damage or business disruption.

LI-ION TAMER

Protect your personnel, property, and brand from lithium-ion battery incidents at the earliest possible indication of failure. Li-ion Tamer interfaces with Gamewell-FCI via contact closures to provide early-stage lithium-ion battery failure detection, enabling proactive fire alarm response. When connected through CLSS, these alerts become remotely visible, actionable, and fully integrated into the building's life safety monitoring system.

EMERGENCY RESPONDER COMMUNICATION ENHANCEMENT SYSTEMS (ERCES)

Ensure reliable in-building radio coverage so first responders stay connected when it matters most. ERCES solutions, including Bi-Directional Amplifiers (BDA) and Fiber DAS, help overcome signal-blocking materials like concrete and metal, delivering the code-required coverage needed to keep emergency communications clear, consistent, and compliant.

HYPERSPIKE

HyperSpike Acoustic Hailing Devices (AHDs) deliver clear, intelligible communication in the most challenging environments. Whether cutting through high ambient noise or projecting messages across vast outdoor areas, HyperSpike is trusted for crowd control, mass notification, and emergency voice evacuation.



OUTCOMES THAT MATTER

Gamewell-FCI empowers teams to protect people and assets and simplify operations in even the most complex environments.

OPERATIONAL EFFICIENCY

- **Fewer false alarms** mean fewer disruptions to critical functions such as learning, business or residential life.
- **Consistent system design** across facilities simplifies training and maintenance, reducing the burden on life safety teams across connected campuses.
- **Remote diagnostics and monitoring** streamlines operations and enables faster issue resolution and resource allocation.

COMPLIANCE AND READINESS

- Built to meet or exceed **NFPA, UL 2572**, and **DoD UFC** standards to keep your system inspection-ready.
- **Audit-friendly reporting and event logs** support documentation, compliance, and long-term accountability.
- **Multilingual alerts and accessibility features** ensure inclusive safety for diverse populations, including ADA-compliance, reinforcing your commitment to every life.

COST SAVINGS

- **Modular scalability** allows your system to expand as your facility grows using for fewer, smarter modules for standalone, networked, voice evacuation, and mass notification type systems.
- **Reduced installation time and wiring** due to broadband communication over a single pair of wires or fibers.
- **Lower maintenance costs** using system self-monitoring, drift compensation and proactive alerting.

SMARTER SAFETY, PROVEN PERFORMANCE

- **Faster response times** through real-time incident visualization and zone-specific messaging.
- **Clear, intelligible voice instructions** reduce confusion and improve evacuation outcomes.
- **True system survivability** through peer-to-peer networking ensures continued operation even in the case of partial device failure.



PARTNERING FOR LONG-TERM SUCCESS

Gamewell-FCI partners with verified Engineered Systems Distributors (ESDs) across the US to facilitate customer deployments.

ESDs are chosen for their nuanced understanding of market sectors, technical and programming skills, track record of implementation and, most importantly, local reputation. Many have partnered with Gamewell-FCI for decades, establishing them as experts in the Gamewell-FCI portfolio and integration.

An ESD collaborates with the customer to identify risk areas, define desired outcomes, and align with the available budget. They then develop and execute a migration plan to achieve those outcomes and continue providing support after the migration is complete.

A Gamewell-FCI ESD says: **We design a system around the customer, not the other way around.**

HELPING CAMPUSES MAXIMIZE VALUE

Gamewell-FCI customers have the option to enroll in the same Honeywell training and certification that ESD technicians take, both in-person or online. This helps them understand Gamewell-FCI programmability and navigate with confidence, if they choose.

One Gamewell-FCI customer shared this about Honeywell training: **We like to know as much as any technician visiting our facility for troubleshooting, maintenance or repair work. While we don't typically do that work ourselves, we want to be able to recognize and understand errors and faults because reducing downtime is an organizational priority.**

Cost-wise, Gamewell-FCI gives its ESDs the freedom to conduct and charge for servicing and maintenance, whereas many of its competitors mandate their own, highly priced technicians for that work. This helps Gamewell-FCI ESDs set fair prices and work to faster schedules, reducing wait time for customers.



REAL-WORLD SUCCESS

The E3 Series® is engineered for some of the most complex, high-stakes environments across the country. From historic government buildings to sprawling university campuses and military installations, the E3 Series empowers all with reliable protection, customized capabilities, and scalable control.

EDUCATION

The University of Utah's spans 4.5 million square feet and includes 171 buildings of varying ages and functions—from historic halls to modern medical centers and a 51,000-seat stadium. To meet the growing complexity infrastructure, Utah uses the E3 Series® and the FocalPoint® graphical workstation, enabling real-time monitoring, centralized control, and rapid emergency response across the entire campus. These scalable solutions now connect 180 fire alarm panels, 400 nodes, and 24,000 call points, ensuring comprehensive protection for students, staff, and millions of annual visitors.



HIGH-RISE

In the heart of Brooklyn, a high-rise luxury apartment building, with over 150 units on 14 floors, required a sophisticated life safety solution tailored to residential living. Gamewell-FCI delivered with the E3 Series® emergency voice evacuation system, seamlessly integrated with Connected Life Safety Services (CLSS) for centralized monitoring and proactive protection. The result: a safety infrastructure that safeguards residents while complementing the building's upscale environment.



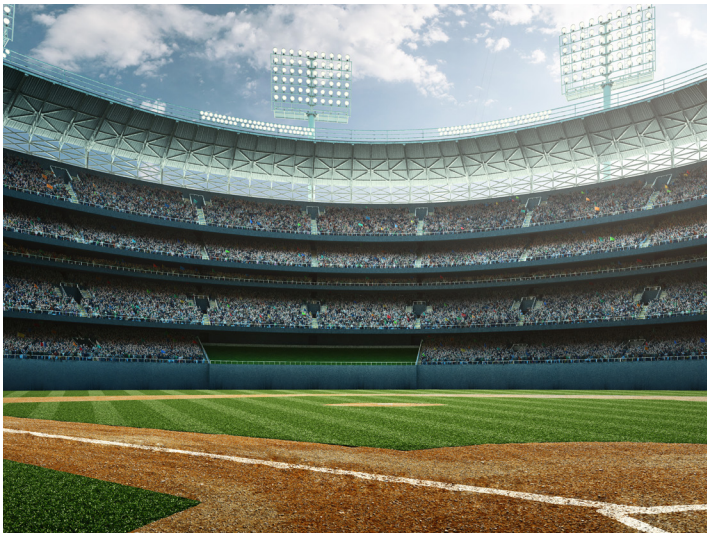
HEALTHCARE

A nationally recognized hospital system required a scalable fire and life safety solution that could support a multi-campus environment without disrupting patient care. Through a carefully phased rollout, the system was customized with features like discreet voice alerts, centralized monitoring, and real-time visibility—ensuring safety across critical areas including behavioral health units, research labs, and helicopter pads. Today, the platform supports continuous protection and operational efficiency across millions of square feet, all while maintaining the calm, quiet environment essential to patient well-being.



PUBLIC ASSEMBLY & STADIUMS

At Fenway Park, one of America's most iconic and densely populated stadiums, rapid and intelligible emergency communication is critical. The Gamewell-FCI E3 Series® integrates seamlessly with public address systems like HyperSpike® to deliver clear, zone-specific voice instructions—whether live or automated—across expansive seating areas, concourses, and outdoor zones.
This ensures that in the event of an emergency, fans, staff, and first responders receive timely, actionable guidance to support safe and orderly evacuation, even in the most chaotic scenarios.



MILITARY CAMPUSES

When a major U.S. Air Force base required a scalable fire and life safety solutions across multiple high-security buildings, they chose Gamewell-FCI. Known for highly-survivable architecture, our solutions met the base's need for uninterrupted protection across airfields, hangars, and command centers. The system also incorporated HyperSpike® speakers for outdoor mass notification, delivering clear, high-volume alerts that cut through even the roar of jet engines. Gamewell-FCI now safeguards millions of square feet—quietly, reliably, and without compromise.



TRUSTED FOR LIFE

Honeywell's Gamewell-FCI is a design and manufacturing leader in fire alarm control panels, life safety systems, voice evacuation systems, and mass notification systems. Designed for educational facilities, high-rises, healthcare facilities, manufacturing, and industrial applications, Gamewell-FCI protects people, property, and assets worldwide. In cooperation with a global network of Engineered Systems Distributors (ESD), Gamewell-FCI delivers cutting edge technology that meets worldwide approvals, listings and standards. This is Gamewell-FCI: Engineered to lead, trusted to protect, and prepared for what's next in your world.



To speak to a Gamewell-FCI expert today to discuss your requirements.

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To locate a Gamewell-FCI distributor in your area.

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