



Personal Attack & Nurse Call Systems.

Technical Overview for Healthcare, Dementia & Forensic Environments

We supply, install and service InterCall/Guardian Staff Protection/Attack and Nursecall systems across the UK.

Our solutions are trusted in dementia care, general healthcare, and secure forensic environments, where staff safety and patient wellbeing are paramount.

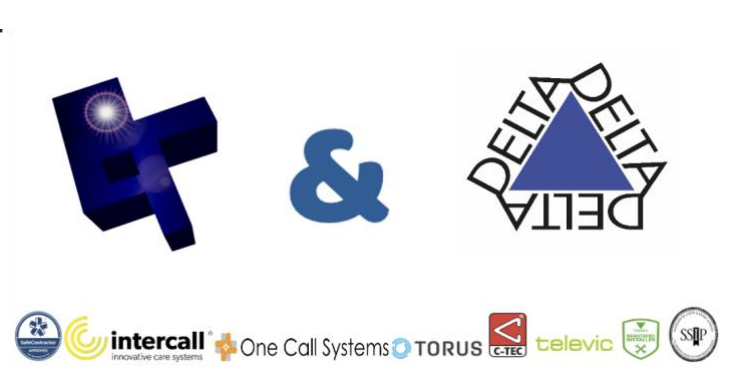
Our approach combines technical simplicity with operational reliability — giving you a system that is easy to install, easy to maintain, and proven in real-world conditions.

Key Technical Strengths.

Two-Wire Bus Efficiency: Most competitor systems require multiple conductors for core functions. Edison uses a 2-wire bus, linking call points, detectors, overdoor lights and displays. This reduces installation complexity, cost and potential points of failure.

Fast, Clear Communication: Calls are transmitted using a 3-digit numeric code — faster than transmitting a full text description. The system then expands the code into a 14-character plain-text location on panels or pagers. Staff see exactly where help is needed in seconds.

Flexible Call Types: Supports dementia ward assistance calls, general ward support, and full Staff (Personal) Protection/Attack alarms for forensic environments — all on the same infrastructure.



Retrofit-Friendly: Existing wiring and call point positions can often be reused, minimising disruption and reducing project timelines.

Advanced Options

Graphical Displays: Optional ward maps display the live locations of calls, improving situational awareness.

Portable Trigger (FOB) Tracking: The personal trigger stays with the user: if the incident moves, the system tracks the new position in real time.

Comprehensive Logging: All calls and events are logged at the power supply and downloadable for audit, compliance, or incident reviews.

Confidence in Compliance

Designed to support safety compliance and record-keeping. Clear audit trails provide governance and reduce risk for care providers by combining technical robustness with transparent accountability.

Why choose Edison & Delta?

- Regional expertise: supply, installation and servicing across the Northern & Southern counties.
- Healthcare-focused: deep expertise in dementia, mental health, and forensic installations.
- Future-ready: expandable with graphical displays, pagers, and integrations.
- Reliable support: local engineers available for maintenance and service.