

# CASE STUDY – HOSPITALITY INDUSTRY

## ENHANCING FIRE SYSTEM VISIBILITY IN A HIGH-OCCUPANCY HOSPITALITY ENVIRONMENT

### Challenge

Hospitality environments require highly reliable fire system monitoring due to the combination of guest accommodation, public areas, and operational facilities.

In this instance, a large multi-storey hotel required improved integration and visibility of its existing fire detection systems. A key requirement was to enhance monitoring across all operational zones while ensuring minimal disruption to live hotel services during implementation.



### Environment Overview

The deployment was undertaken within a large commercial hospitality property located in a major metropolitan business district.

The hotel operates across multiple floors and includes guest accommodation, reception and public areas, restaurants, kitchens, banqueting suites, and back-of-house operational facilities. The property serves both business and leisure guests within a high-occupancy environment.

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### Solution

Cortech Developments, working with Spectrum Safety Solutions Private Limited, delivered Datalog 5 software, integrated via a Fike interface driver to connect existing fire alarm systems across the property.

The Datalog platform provided a unified monitoring environment designed to consolidate fire alarm data across all operational zones. The solution enabled:

- Centralised monitoring of fire alarm events across guest and service areas
- Integration of distributed fire detection points into a single interface
- Improved visibility for facilities management teams
- Consistent alarm interpretation across the property
- Reliable system performance within a live operational environment

### Collaboration and Implementation

Spectrum Safety Solutions led the on-site integration and commissioning process, working closely with hotel operational teams. Their role ensured:

- Careful phased implementation to avoid operational disruption
- Coordination with live guest services and facilities teams
- On-site configuration and commissioning support
- System validation and handover within a live environment

### Results and Benefits

The deployed solution significantly improved fire system monitoring across the property. Key benefits included:

- Enhanced visibility of fire alarm events across all operational zones
- Improved response capability for facilities teams
- Reduced complexity in managing distributed fire systems
- Strengthened operational resilience in a high-occupancy environment
- Alignment with modern hospitality safety and operational standards

