



**Site:** Watergardens Shopping Centre, Melbourne - Fire Panel Upgrade

**Client:** QIC

**Project Value:** \$400,000

## Project Overview

Airmaster successfully upgraded the fire panel systems at Watergardens Shopping Centre, a 92,000m<sup>2</sup> retail hub with over 300 tenancies. The project was completed seamlessly over four nights, ensuring no disruption to daily operations. This comprehensive upgrade included the installation of four networked panels, a state-of-the-art graphics system, and new fire safety equipment.

## Challenges

- Identified and located equipment unreported by the system due to aging components and configuration issues.
- Thoroughly logged existing system issues for accurate tracking.
- Addressed additional issues revealed by the new installation, such as damaged network cables between Stage 1 and Stage 2.
- Created comprehensive System Block Plans, which were previously unavailable.
- Tagged unorganised cables and relays within panels to improve system clarity and safety.

## Complex Site Conditions

- Spanning 24 years of construction phases, the centre posed challenges due to minimal accurate drawings and unique site layout.
- The existing fire systems operated in mixed modes (Flashscan and Clip), requiring meticulous planning and configuration.



## Scope of Works

- Replacement of 4 x Notifier AFP2800 fire panels with AFP3030 models.
- Installation of 2 x Honeywell ONYXWorks™ workstations.
- Comprehensive dilapidation reporting and baseline data collection.
- Compliance with AS1670.1-2018 standards and 12-month defects warranty.

## Solutions

- Extensive pre-commissioning ensured all systems were tested off-site, minimising on-site adjustments.
- Advanced planning over a month included detailed surveys to address the site's unique characteristics.
- Cutting-edge technology, including Notifier AFP3030 fire panels and Honeywell ONYXWorks Workstations, were installed to enhance monitoring and future-proof the system.

## Key Achievements

- **Zero Disruption:** The centre remained fully operational throughout the upgrade.
- **Efficient Execution:** Teams worked overnight, leaving the site spotless and operational by morning.
- **Advanced Integration:**
  - New Notifier AFP3030 fire panels replaced aging systems, enabling greater reliability and scalability.
  - Innovative features like cross-network fan controls and an Active Armed Offender System were implemented.
  - Enhanced graphical monitoring through ONYXWorks™, supporting multiple networked devices

