



ROYAL BRISBANE & WOMEN'S HOSPITAL (RBWH) FIRE DETECTION UPGRADE JOHNSON CONTROLS

Project Introduction

The RBWH Queensland precinct includes numerous buildings constructed over the 150-year life of the hospital, each with Ziton Fire Detection Control & Indicating Equipment (FDCIE) & Fire Indicator Panels (FIPs) installed as part of the hospital's fire detection & alarm system. In 2020, Queensland Health implemented a program to replace the existing Ziton FDCIEs & FIPs & associated alarm system components within selected RBWH hospital buildings, including all upstream & downstream field devices. The panels were to be replaced with panels that could facilitate network capabilities to interconnect all hospital buildings for monitoring purposes, provide graphical representation of the fire services network on four computer terminals & allow the upgrade of all involved buildings to fully addressable systems.

How D&A worked with Johnson Controls:

Services Provided

- **Fire Services O&M Manuals** in accordance with hospital specification
- The manuals incorporated
 - Design criteria & standards & codes
 - Description of the installation
 - Equipment schedules
 - Manufacturer literature & warranties
 - Maintenance procedures with accompanying log sheets
 - Testing & commissioning reports
 - Certificates of compliance & approvals
 - Operating instructions &
 - Record drawings

Project Highlights

- **Location:** Queensland
- **Value:** \$8 Million
- **Discipline:** Fire
- **Fire Contractors:** Johnson Controls
- **Industry Sector:** Healthcare