

PROJECT SNAPSHOT

OFFICE TOWERS

ANGEL PLACE

FireFinder™

OVERVIEW

Angel Place, an AMP project managed by Resolve Facilities Management, is located in Pitt and Ash Street Sydney. The development includes a 35 level commercial office tower and a Recital Hall. The Recital Hall is on the south side of the tower and whilst adjoining the tower operates as a stand-alone structure.

SYSTEM SUMMARY

The tower's **FireFinder™** Fire System consists of 36 network points:

- 1 x Master FIP - occupying 3 network points
- 2 x LCD Repeater Panels
- 31 x Data Gathering Panels (DGPs)

SITE SPECIFIC CHALLENGES

The unique challenge presented by the project was the AS1668 air handling requirements of the tower. The fire system was required to control each floor's dampers, typically 8 x supply air, 2 x return air and 1 x return air / smoke spill, in three different states being, quiescent / non-fire affected / fire affected.

It was a requirement to provide a bank of switches on each floor for the supply air dampers for each of the modes of operation. This allows a damper's position to be inverted so that air balancing could take place without the need to reprogram the fire system.

Additional to the bank of damper switches each floor has individual AS1668 control and indication on the fire alarm panel.

SITE SPECIFIC SOLUTIONS

A Data Gathering Panel (DGP) was located in the riser of each floor. The DGP provided the bank of switches and the inputs and outputs to control the dampers.



INSTALLER'S STATEMENT

"The successful completion of the project was due to Ampac's technical staff and the installation team working in partnership."

"The on floor switching of the dampers is saving time during the tenancy fit out as the air conditioning balancing is working first time."

Neil Temporini – Premier Fire Protection (NSW)

SPECIFICATION

Panels / Network Nodes	34
Loops	12
Zones	0
Panel Relays	224
AS1668 Controls	55
LCD Repeaters	2
Detectors	527
Devices	58
Door Holders	17
Sounders / Speakers	0
Detector Model	XP95