

PROJECT SNAPSHOT

HOTELS

SHERATON HOTEL PERTH

FireFinder™

OVERVIEW

The Sheraton Perth Hotel accommodates 387 guestrooms and suites. In addition there are 2 restaurants, 1 bar, 12 meeting rooms and an exhibition space of 25,022 square feet.

SYSTEM SUMMARY

A customised distributed *FireFinder™* network system was engineered to replace the hotel's existing conventional Fire Alarm Control Panel (FACP).

The new main FACP is located in a control room and provides the control and indication for the system. A Data Gathering Panel (DGP) replaced the existing panel and contains all of the hardware connections. Both panels are connected via an RS422 communications cable loop.

SITE SPECIFIC CHALLENGES

The retrofit was a significant undertaking, the existing FACP contained 132 zones. The project's scale required a cost effective solution, while simultaneously providing the very latest technology in fire detection systems.

SITE SPECIFIC SOLUTIONS

The DGP was specially manufactured to fit into the existing FACP location. The DGP option provided a considerable cost saving, as there was no need to extend or replace the existing cabling.

A compact main FACP located in the new Fire Control Room provides full control of the system without consuming valuable space.



INSTALLER'S STATEMENT

"The short working timeframe, plus the necessity to carry out the project without any disruption to the hotel operation, called for very close liaison with the hotel engineers and AMPAC to ensure that the system was changed over, tested and operated correctly the first time."

Larry Peters – Fire Fighting Enterprises

SPECIFICATION

Panels/Network Nodes	2
Loops	0
Zones	168
Panel Relays	48
Fire Fan Controls	1
LCD Repeaters	1
Devices	0
Door Holders	0
Sounders/Speakers	0
Detector Model	Existing