

PROJECT SNAPSHOT

HEALTH CARE

TARANAKI BASE HOSPITAL

FireFinder™

OVERVIEW

Taranaki Health is the major referral hospital service for the region. The hospital has 261 available in-patient beds located on two campuses at New Plymouth and Hawera, New Zealand.

The hospital provides a range of acute health, emergency services, mental health, and other health related services to a regional population of approximately 106,000. In 2001 the hospital treated over 20,324 in-patients and provided over 44,761 Consultant and 24,074 Allied Health outpatient visits.



SYSTEM SUMMARY

The system comprises of seven networked **FireFinder™** panels, 4 remote LCD repeater panels, 1 remote LED mimic and numerous detectors and devices.

SITE SPECIFIC CHALLENGES

One of the major challenges was the requirement for multilevel split evacuation between adjacent buildings on the site. When a zone goes into alarm all adjoining zones have to evacuate as well. Sometimes a different fire panel controlled the adjoining zones. This created the challenge of how to silence alarms in multiple zones on multiple panels while allowing a restart of the sequence if a new alarm occurred.

SITE SPECIFIC SOLUTIONS

Logical Point Functions were used to control sounders throughout the site. Over 129 functions were written to control the split evacuation.

INSTALLER'S STATEMENT

“The **Site Simulator** was crucial to this job going smoothly. We were able to test all the logic in the programming before going to site. This saved many man hours in on-site testing.”

Martin Upton – Chubb Building Services

SPECIFICATION

Panels / Network Nodes	11
Loops	10
Zones	84
Panel Relays	0
AS1668 Controls	0
LCD Repeaters	4
Detectors	750
Devices	100
Door Holders	100
Sounders / Speakers	150
Detector Model	XP95