



**When the entire security surveillance and access control system for New Zealand's Parliamentary Buildings was to be updated, the challenge faced by Ian Dingwell, the Security Consultant, was enormous.**

"Not only did we have to ensure complete coverage across the five Parliamentary Buildings, some kilometres apart, but the transition had to be seamless. There were to be two control rooms, each capable of running the entire system, and existing analogue cameras had to be utilised within the new technology" said Ian.

Working with the Parliamentary Service the design of the system took some months and the tendering process was both thorough and robust, with 10 companies reaching the second round of 'Expressions of Interest' and four companies invited to make a full tender and presentation.

"We were looking for a tried and tested product" said Dingwell "and we were impressed by the fact that Panasonic could offer a complete system designed for all components to match. Everything was backwards compatible with existing cameras on site, and the quality of the video images was extremely high."

"We wanted a team of experts we could have confidence in as it was never going to be a straightforward build."

The installation of 108 cameras over 5 buildings and the installation of Video Matrix Switchers and Digital Video Recorders was complex. "Four different systems were created and fed into the main Parliamentary control room and a secondary, back-up

control room. The back-up room allows operators to be trained, and becomes an alternative control point if one site crashes."

"The decision to go with the Panasonic brand was unanimous" says Dingwell "which is the first time I've seen that in my years as a consultant."

A system designed to cover over such a large area was never going to be an easy install, as it was basically an untried process and there were teething problems. "One of the biggest challenges we faced was the sheer distance from the control room, which caused the check-pulse from the system to cameras to be delayed, tripping the alarm system. The Panasonic service team responded quickly and positively, even flying an expert in from Japan who re-wrote the surveillance system software."

"The new system works well, and the service and expert support backing up the system means the decision to go with Panasonic was the right choice," said Dingwell.



"Circuit Systems has maintained excellent relationships with NZ based security equipment providers based on loyalty and honesty. Our integrity is critical with suppliers so that they can offer Circuit Systems the best value for money and have it continually maintained with backup products and support."

"Circuit Systems have had a commercial relationship with Panasonic NZ reaching back 15 years, and we have been recommended by Panasonic on many installations as a preferred supplier for Panasonic equipment. Our long relationship with them has been cemented with quality installations that Circuit Systems has performed with Panasonic equipment."

In-depth product knowledge and experience has only been obtained through the history that Circuit Systems and Panasonic have specialised in."

**Luke Meredith,  
Circuit Systems Limited**

## Administrator Console WJ-SX650

Matrix System 650 from Panasonic is the new, easier way to configure mid to large sized surveillance systems. This remarkable new system makes it simple to fully integrate up to 512 cameras, 64 monitors and 60 registered users. Adding WJ-HD300A Series Digital Disk Recorders delivers the high image quality and high storage capacity that state-of-the-art surveillance requires. Matrix System 650's simple, flexible architecture makes it ideal for a wide range of applications including shopping malls, multi-purpose complexes, office buildings and banks.

