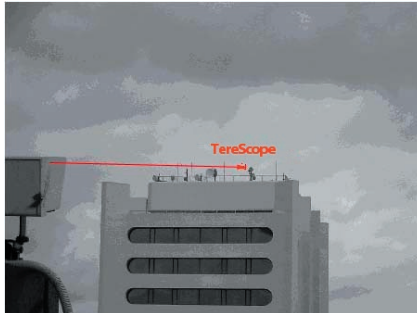


CASE STUDY

Manukau City Council TereScope 155 Protocol Select



View from TS3303 at Genesis House to Council Civic Centre



IS Manager Peter Etchells, fast deployment of optical wireless link

Location: Auckland, New Zealand	Company: Manukau City Council
Protocol: Fast Ethernet	Rate: 100 Mbps
Environment: City center	Mounting: Outside corner of structures and behind windows

Manukau City Council is located in South Auckland and is the 3rd largest City in New Zealand. MCC took up leased premises 300 m away from the Civic Center on January 2002 to house its Customer Services and Building Services staff totaling 50 people. It was decided that 100 Mbps (Fast Ethernet) was required to ensure enough speed to run GIS (Geographically Information System) clients as well as other applications such as Novell's GroupWise for email, Internet and Intranet and MS Office Applications (Word, Excel and Access)

The Solution

Manukau City Council thought outside the square and linked the remote building with an optical wireless link from MRV, a TereScope 155PS (model TS3303) running at 100 Mbps Ethernet.

The IS Operations Manager Peter Etchells has past experience with microwave radio links, however 100 Mbps Ethernet radios were simply too costly and would not have met the tight schedule.

To the users it appears that they are connected directly to all computer resources, i.e. no noticeable difference in network performance between local & remote users.

Information Networks International Ltd had the link installed

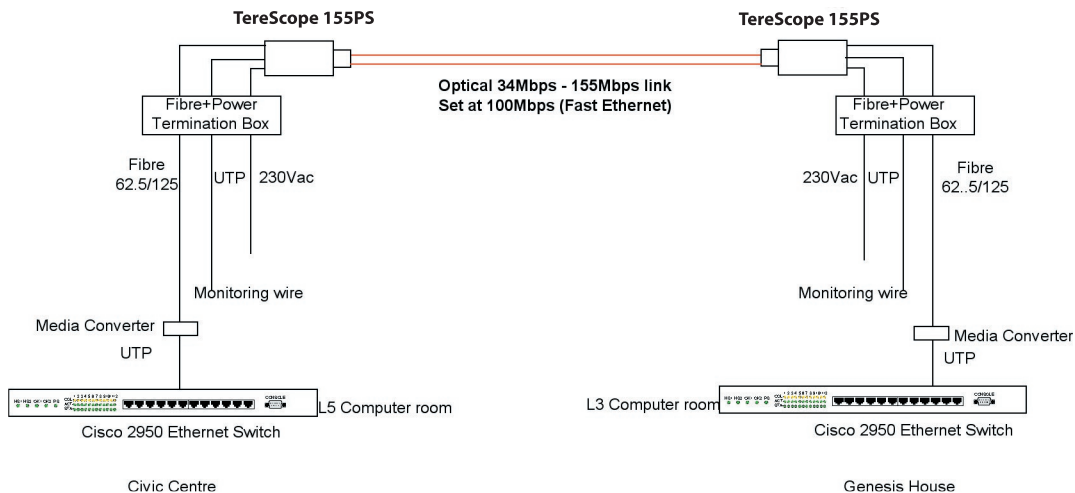
on time and assisted in solving last minute network hiccup just prior to the users shifting office

Conclusion:

Manukau City Council has 50 users operating from 2 separate locations, yet they are connected to the same computer resources as users in the Civic Center.

Laying fiber between the 2 buildings was not an option because of the location in the center of a city, and the costs involved.

System was installed in time, within budget and time, to the full satisfaction of the customer.



Link connection diagram