



CASE STUDY

Project

AlphaCom and Control Room Upgrade

Client

LAN Corp

Location

Sydney, New South Wales

Date completed

2010

Equipment Supplied

1 x AMC-IP Upgrade Kit
2 x IP Desk Master Stations

Status

Completed

AlphaCom and Control Room Upgrade Eastern Distributor

Sydney, New South Wales



The Site

Connecting Sydney city's north, south and east, the Eastern Distributor is an important link within Sydney's motorway orbital.

Travelling between the City and the Airport? Use the Eastern Distributor to bypass 19 sets traffic lights right up to Botany Road - giving you a quicker and more reliable trip.

As part of Sydney's orbital network the Eastern Distributor provides access to over 160 kilometres of uninterrupted motorways, freeways and other main roads around and through greater Sydney.

The Scope

Prior to the 2000 Olympics taking place in Sydney, many infrastructure projects were undertaken to improve the road network and public transport network to handle the increased traffic.

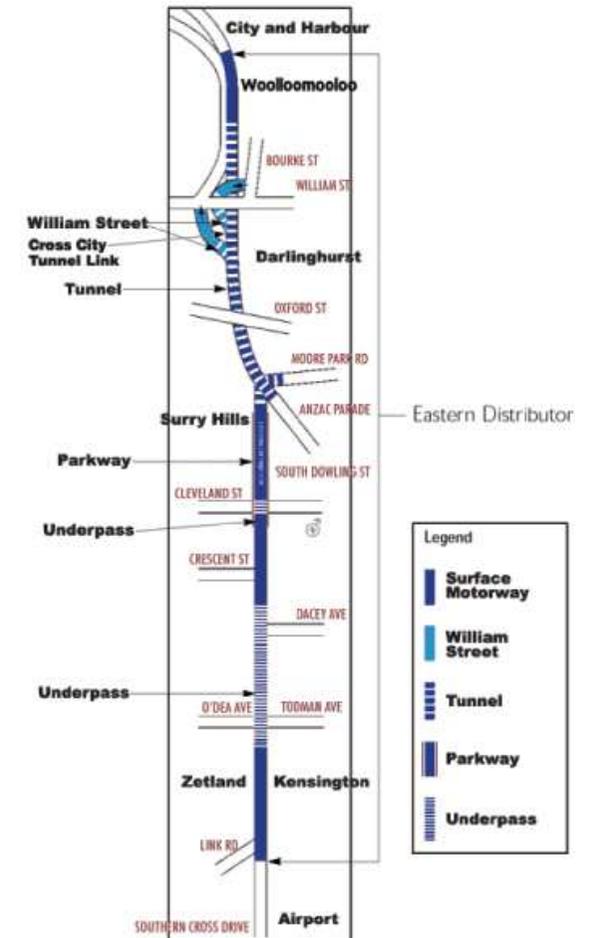
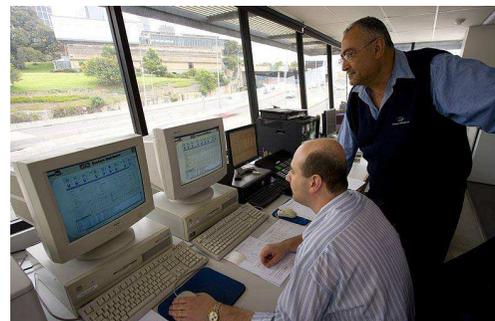
STENTOFON were involved in the Eastern Distributor project, amongst others. Now over 10 years from the Olympics, the decision was made to freshen up the AlphaCom system that has performed without fault since deployment.

The Upgrade

Stage 1 was an upgrade to the AlphaCom 138 with the replacement of the processor and filter cards, instantly converting a 10 year old exchange into a new AlphaCom E26. The whole process resulted in less than 5 minutes downtime. Stage 2 involved replacing the 2 Control Room Master stations with new IP Desk Master Stations with Handsets and Gooseneck Microphones. Control Room stations always see the most activity, but even after 10 years of service, these 2 stations hardly showed signs of wear.

The Outcome

The whole process took 4 hours, and with STENTOFON providing replacement circuit boards for the tunnel stations, the intention is to turn over all 130 Motorists phones to bring the system to an 'As New' condition. Any STENTOFON AlphaCom system can be upgraded to a new system with the replacement of only the processor card, or in the case of the M, the cabinet. No field stations or wiring need to be replaced, and a whole world of opportunity can be opened up through the use of IP technology.



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