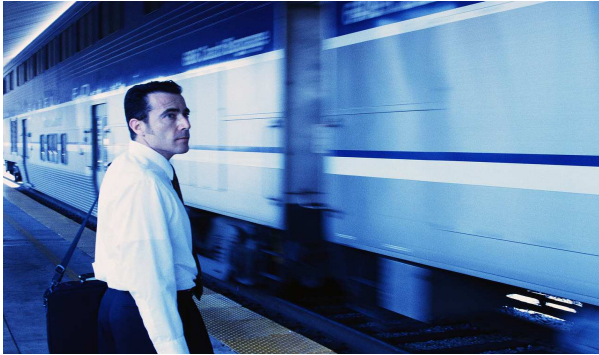


RailCorp – Long Line Public Address

Design, develop and implement a system to provide CityRail NSW with the ability to make Public Address announcements to all stations in the CityRail network from centralised locations



Project

Long Line Public Address System

Client

RailCorp

Location

NSW, Australia

Contract Period

16 months

Award Date

March 1999

Project Overview

CityRail required a system to enable them to make public address announcements to all stations in the CityRail network from centralised locations as part of an initiative to improve passenger safety and security.

The Solution

The Open Access Long Line Public Address (LLPA) system provides CityRail with the ability to make live public address announcements to any station in the NSW rail network from a number of centralised locations. The system utilises VoIP technology developed by Open Access to broadcast near CD quality audio long distances with no degradation in quality.

The Open Access LLPA system is a long distance, high quality announcement system which capitalises on the existing Open Access Digital Voice Announcement (DVA) infrastructure installed at all rail stations. The 20 centralised locations and over 300 stations equipped with DVA equipment make this VoIP installation one of the largest of its type in the world.

The Result

The Open Access LLPA system was developed on schedule in September 2000 in time for the Sydney Olympics. The system utilises the RAC fibre optic ATM WAN for inter-station communications.

The system was also successfully integrated with the existing DVA system to automatically arbitrate Public Address and DVA announcements at each station.

The central controllers monitor the system via a real time graphical user interface which provides announcement and network status information.