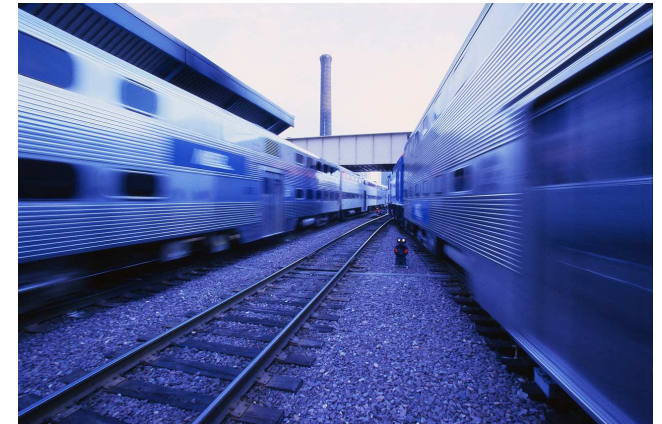


# RailCorp – Digital Voice Announcement System

Design, develop and implement a system to provide CityRail NSW staff with the ability to make high quality announcements within the local station



## Project

Digital Voice Announcement System

## Client

RailCorp

## Location

NSW, Australia

## Contract Period

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## Award Date

Initial project completed in 1992 with continued and ongoing expansion, upgrade and support.

## Project Overview

CityRail required a system to enable them to make announcements to commuters at stations within the CityRail network in order to improve passenger information, safety and security.

## The Solution

The Open Access Digital Voice Announcement (DVA) system provided CityRail with the ability to make local live CD quality announcements. Each DVA unit includes an extensive library of professionally recorded voice segments which are automatically concatenated to create coherent messages for commuters.

The flexible solution includes a range of features that can be controlled by local station staff – such as creation and storing of announcements, announcement scheduling, automatic modifier buttons for train movement announcements, announcement preview, storing of timetable based announcements, and templates for commonly used announcements.

In addition, the Open Access DVA system includes an interface with the Station Passenger Information (SPI) system. Real time service track information is passed through the SPI system to the DVA to trigger automatic train movement announcements – ensuring the audio is in sync with the passenger information displays.

## The Result

The Open Access DVA system was successfully rolled out to an initial 12 stations in 1992. The system has seen continued expansion and upgrade since and now encompasses more than 300 stations, features a variety of DVA devices, and utilises the RAC fibre optic ATM WAN for inter-station communications. The system's robust nature and flexible feature set has ensured that it has become an integral component of CityRail's passenger information strategy.