Market Segment:
Rail Infrastructure

Country of installation:
Malaysia

Year of Installation:
2012

End Customer:
MRT Corp

System Integrator:
PCS Vision

Solution:
Public Address, Voice Alarm, Control System

Key Products:
**iVENCS,
VIPEDIA-12-NET**

Key Technology:
Video dispaly control software, remote control and monitoring, Exceptional audio quality, EN 54 compliance, VoIP

Zenitel empowers the Klang Valley Mass Rapid Transit

Zenitel deploys a sophisticated multi-node display system to improve the passenger experience for the Malaysian railway line.

The End Customer

The Klang Valley Mass Rapid Transit (MRT) railway line in Malaysia was the first of three new lines planned to serve the Greater Kuala Lumpur area, with 31 stations serving a population of 1.2 million.

The Requirement

The 51km-long line required a multi-node distributed Passenger Information Display System (PIDS) to display live train information, synchronised PA/PIDS messages, images and logos, safety messages and billable advertising. This was also required to integrate with the Public Address Voice Alarm (PAVA) equipment, so that screens located on the station platforms would display emergency information and wayfinding in the event of an emergency.

The Solution

Zenitel provided VIPEDIA-12 and V2000 PAVA amplification and routing, together with our iVENCS Control System for PIDS, with intuitive user displays that allow complete control at multiple workstations across the

operational control centres and each station. Multiple server redundancy ensures peace of mind whilst each workstation also includes its own local server, so that each station's passenger information displays can continue to operate even if the line's IP network fails.

Zenitel's graphic passenger information displays include live train running information in multiple languages, videos, and revenue-earning advertising space, all controlled centrally from iVENCS workstations.

Besides controlling PIDS, iVENCS enables full control of the entire PAVA system, with redundant A+B routing and amplification. The system also seamlessly integrates with the third-party fire alarm system, where both PAVA announcements and displays on the platforms display important passenger information in the event of an emergency.

The Result

Feedback has been extremely positive and Zenitel continue to supply the

Malaysian rail market with PAVA equipment, passenger information display and control systems, which helps Klang Valley MRT and similar organizations to run their operations more smoothly.

Additionally, Zenitel offers a comprehensive 3rd line maintenance solution to ensure the seamless operation of systems in the future. This package includes on-site or remote incidence investigation, diagnosis, and resolution, all in one convenient offering.

Why **Zenitel?**

Zenitel is well positioned to drive the future of intelligent critical-communication solutions. Through our portfolio of IP products & solutions, with built-in intelligence and a focus on cybersecurity, we provide organizations with superior, scalable security and flexibility. Zenitel is the proven, preferred choice for environments requiring crystal-clear audio to ensure the protection of human life, property, assets and the management of critical activities. With interoperability at all levels, we seamlessly integrate with access control, video management and security platforms.