Integrated Information, Communication, Control and Management Solutions

Since 1999 Waycom has designed, manufactured and installed Passenger Information Systems for Metro, Light Rail, High-Speed Trains, and Rolling Stock across China, the Middle East, and Africa. Waycom has grown to command over 50% of the PIDS market of China's high-speed rail.

This dramatic growth is attributed to our corporate strategy of combining the latest technological advances with our award-winning manufacturing process. Waycom's dedication to innovation is powered by a large R&D department, which employs over 30% of our total work force. With over 130 employees, and a 1,300m^2 manufacturing facility, we conduct our own Design, Manufacturing, Testing and Servicing.

Waycom is ISO 9001-2008 Certified and has been developing custom solutions for car builders and transit agencies for 12 years, and has established the reputation in the industry for its ability to deliver quality products on time that meet the requirements of its customers.

Waycom's US operations are based in Boston, MA. We will set up our own manufacturing facility. By leveraging the resources and experience between the US and China, Waycom will be both cost effective and Buy America compliant.

Please visit www.waycom-intl.com for more information about our product and solutions.

System Solutions for Railway Industries

From Beijing to Boston

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WAYCOM
Keeping Information on Track

Passenger Information Display

Public Address & Communication

CCTV & Infotainment

Train Control & Management

Waycom: 12 Years of System Solution Experience in the Railway Industry

Success Stories

Salient Features

- IP-based, Lonworks based, or hybrid architecture
  - Module hardware and software design
  - High configurability for redundancy/complexity tradeoff
- Synchronized audio/video announcements
  - 2G/3G/WiFi wireless connectivity
- Interfaces support to multiple TCMS standards
  - Integrated, user friendly management/maintenance/service software

Product Lines

Public Address & Communication

Driver control panel (DCP)

Driver communication unit (DCU)

Public address control unit (PCU)

Digital voice announcement (DVA)

Vehicle interface unit (VIU)

Passenger emergency intercom (PEI)

Microphone and Speaker (MIC, SPK)

2G/3G/WiFi wireless control unit (WCU)

Information Display & Multimedia Broadcast

Interior and exterior LED sign

LCD display

LED route map

Multimedia system server (MSS)

Multimedia system control unit (MCU)

Network interface unit (NIU)

Video Surveillance

CCTV system server (CSS)

CCTV monitor (CMON)

CCTV system controller (CSC)

Camera (CAM)

Representative Products

Control Panels

PEIs

Speakers

LCD Displays

LED Signs

Communication Control Unit

VIU

CCTV Systems

WAYCOM

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China Railway High-Speed Train CRH2

The original public address and communication system on China's CRH2 high-speed trains was designed in Japan. Based on the specific requirements from Chinese customers, Waycom developed a new public address and communication system that is highly optimized. Waycom's product has been used on all CRH2 trains. Since April 2007, there are over 230 trains (over 2,000 cars) that are in operation with Waycom's systems on board. Waycom is currently installing our equipment on an additional 100 new trains (1,600 cars) that are being put into operation on the Beijing-Shanghai high-speed train line.

Guangzhou Metro No. 2 Line

The vehicles were manufactured by Bombardier and the original public address and communication system was designed by a UK company. However, during the operation, the user requirements changed. To satisfy the requirements, Waycom developed a system that is mechanically compatible with the system, and with the enhanced features that satisfy the additional user requirements. The system has been accepted by the user and has been deployed.

Chengdu Subway No. 1 Line

The Passenger Information and Display System (PIDS) includes public address, communication, information display and CCTV systems. The PIDS must communicate directly with the Train Management System (TMS) for fully automated operation. Also, train speed and door signal are used for automatic announcement (as a standby). At the same time, passenger information is displayed simultaneously on multiple media including LED, LCD and Flash Route Map, and is synchronized to PA audio signals. The system has been delivered and is in operation.