AAL®
Autometers Alliance Ltd

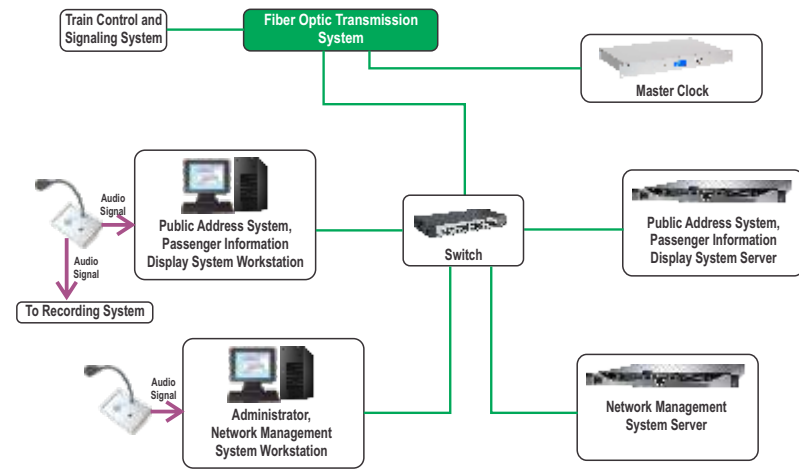# Integrated Public Address System & Passenger Information Display System and Master Clock System for stations

Autometers Alliance Ltd offers comprehensive solution for integrated public address system (PAS), Passenger Information Display System (PIDS) & Master Clock System (MCS) which is used on networked metro stations. The purpose of the system is to provide useful information to commuters in the station premises regarding train arrival, train departure, journey message, emergency/ special message, real time data by means of audio announcements & visual information.
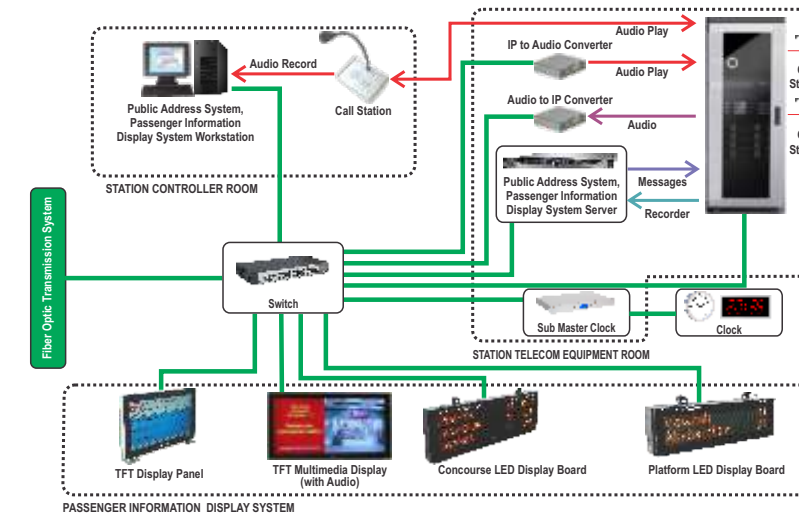
Salient Features

- Audio announcement & coordinated visual information to passengers regarding train arrival, departure from Operation Control Center (OCC), station control room (SCR) or digital call station/ microphone/ platform supervisory booths
- Distribution of timing signals to all the clocks & other equipment at Stations, Depot & OCC
- Facility to broadcast up to 2 different messages simultaneously over different zones or group of zones of the network
- Facility to broadcast live message over a particular platform through digital call station/ microphone
- Configuration of message priorities originated from different sources
- Recording of audio messages announced in any zone at local station/ remote OCC
- Intelligibility in PAS equipment at all times for noise level changing environment
- Intelligibility in PIDS display boards at all times for ambient light changing environment
- Instant voice recording/message construction facility for audio broadcast/ visual display
- Scheduling of automatic messages based on internal time countdown of PAS/PIDS system internal clock and triggered by signaling system for any correction
- Alarm management

PUBLIC ADDRESS SYSTEM, PASSENGER INFORMATION DISPLAY SYSTEM, MASTER CLOCK SYSTEM [OPERATION CONTROL CENTER]

PUBLIC ADDRESS SYSTEM, PASSENGER INFORMATION DISPLAY SYSTEM, MASTER CLOCK SYSTEM [STATION]

Key Components

A. Visual
- Passenger Information Display System – LED/TFT Display Units
- Analogue and Digital Clocks

B. Audio
- Amplifiers
- Loudspeakers
- Call Stations

C. Control
- PA Control Rack
- Master Clock - Sub Master Clock System
- Central Server's with integrated PAS PIDS

Software's
- Control Center workstations with a call station and an audio encoder for emergency operation (general call to all the stations)
- Admin Station's (NMS)