

iVENCs
CORE +**Passenger
Information Systems****OVERVIEW**

The iVENCs Passenger Information System (PIS) module provides simultaneous and synchronised control of both the audible PA system and visual PIS Displays.

The module provides all of the facilities of the iVENCs Public Address module, but provides these facilities for both audible PA broadcasts and for integrated Visual Displays. Thus, the PIS system provides live speech and free format text messaging, recorded PA messages and associated textual display messages, immediate operator announcements and automated scheduled announcements, and multi-lingual messaging.

The iVENCs PIS module also provides the facility for automated train or flight PA broadcasts, in association to showing the associated train or flight information on the Passenger Information Displays.

FOR DIFFERENT DISPLAY TYPES

iVENCs PIS can drive both full graphic portrait or landscape displays, custom display styles, and dot-matrix displays. All display types can be driven by the same system, with the displayed data being automatically formatted for the type of display in each location.

The PIS display system can be provided by a specialist third party, or standard 'monitor' displays can be driven by ASL Graphic Display Unit embedded PCs. Legacy RS485 dot matrix displays can be driven from drivers running on ASL VIPEDIA-12 IP audio routers, providing an integrated PAVA and display solution, using the same hardware for both the audio and visual announcements.

USER SCREEN CONTROL FACILITIES

When used with third party displays, iVENCs can control the display formatting for user notices or emergency messaging. With ASL display drivers, iVENCs PIS allows the users to configure the layout of each display screen. Users can select which information is shown where on the displays. Typical elements include a site logo, time and date, fixed text such as the screen's location, video and graphics, plus user and automated messaging such as train or flight information and security messages.

WORKSTATION DISPLAY MIMIC

The iVENCs PIS workstations can mimic any selected display, to show the operators the actual text, video, and graphics currently being shown on that display.

A text-only view of the displayed messaging is also available, and can show the text from a number of selected displays at once.

VOICE ALARM INTEGRATION

iVENCs PIS provides the ability to make both routine operational announcements, and to make Emergency Alert and Evacuation announcements. Both with third party and with ASL displays, the iVENCs display drivers permanently check the status of the local ASL Voice Alarm system, and if an Emergency evacuation or alert audio broadcast is made then the PIS displays in the Voice Alarm zone will automatically replace the whole of the current display screen with an appropriate full screen emergency message. The emergency messaging can be unique to each display location, and to different types of emergency announcement.

VOICE ALARM INTEGRATION

The iVENCs Infotainment Scheduler provides control of the infotainment and advertising display schedule on each of the Displays. Corporate information or advertising campaigns can be created with video or still imagery playing at configurable intervals or pre-set times for a specific date range, across any PIS zone or on any individual displays. The Advertising Log confirms which content has been displayed on which displays, and when.

The logged advertising display times include allowances for times when an advertising video is interrupted by a higher priority announcement. It also allows for times in which any display or displays are non-operational and not able to display the adverts or corporate messaging.

