



Market Segment:

**Airport**

Country of installation:

**UK**

Year of Installation:

**2010**

End Customer:

**Gatwick Airport Limited**

System Integrator:

**Johnson Controls**

Solution:

**Public Address, Voice Alarm,  
Control System**

Key Products:

**iVENCs  
VAR  
V400**

Key Technology:

**Powerful API integration,  
remote control and  
monitoring, Exceptional audio  
quality, VoIP**

## ASL/Zenitel enhances audio communications in Gatwick

**ASL/Zenitel delivers an innovative multi-node distributed PAVA system to streamline operations for Gatwick Airport's South Terminal.**

### The End Customer

The client, Gatwick Airport Limited, is a globally renowned establishment. It has observed historic expansion over the last 60 years, growing from only 186,000 yearly passengers to over 46 million during 2019. This project focused on improving the facilities of Gatwick's South Terminal - the airport's original terminal.

### The Requirement

Gatwick Airport required a multi-node distributed Public Address and Voice Alarm (PAVA) system at the South Terminal, with a central management system to monitor and control other third-party safety subsystems.

### The Solution

ASL/Zenitel's solution was to network multiple nodes together over a fibre IP secure loop network, providing synchronised, high-quality audio from a variety of inputs including background music (BGM), departure gate announcements and emergency microphones.

An iVENCs control system was used to manage the entire system, with workstations installed at the airport control centre, the baggage hall,

information desks and at the fire team's office. Text-to-speech announcements can be made throughout the airport, whilst the system also provides the facility for pre-recording and scheduling Digital Voice Announcement (DVA) messages.

A backup network provides the capability for hardware bypass broadcast; so in the event of an emergency, all-call broadcasts can be still be made from central emergency microphones, even if the entire IP network or PAVA routers were disrupted.

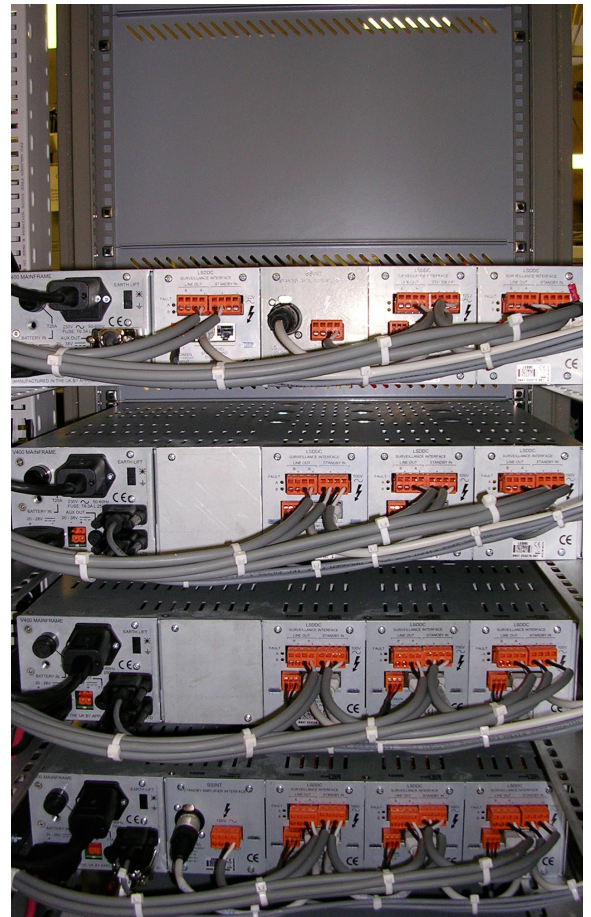
## The Result

Following the installation of the system by Johnson Controls, ASL/Zenitel have continued to support Gatwick Airport with their building safety requirements, including the addition of a number of ASL/Zenitel wall-mounted single-box PAVA solutions.

ASL/Zenitel work closely with Gatwick Airport to meet their voice alarm and building safety needs, providing solutions that help keep the airport running smoothly, ensuring

that customers and assets are kept informed, secure, and safe. Furthermore, the system improves the efficacy of the organization's day-to-day operations too.

Looking to the future, ASL/Zenitel also provides a holistic 3rd line maintenance package to ensure that Gatwick's system runs smoothly. This combines incidence investigation, diagnosis, and resolution in a neat offering, which can be carried out onsite or via remote channels.



## 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.