INTELLIGENT LIFE SAFETY AND SECURITY PROTECTION FOR THE LONG HAUL

Case Study

To keep pace with rapid expansion, Pristina International Airport required an intelligent, integrated life safety and security solution—including video, access control and a dynamic PA/VA system—to protect the growing number of visitors and staff. With its flexible architecture and open platform, the Honeywell Enterprise Building Integrator (EBI) was the ideal choice for tying all of these solutions together—providing operators with a strategic, single point of control that mitigates risk to people, property and assets.

THE NEEDS

- Robust, integrated security and life safety solution

- Prioritized, intelligible announcements for passenger safety

- A Public Address and Voice Alarm System (PA/VA) to integrate with the Airport Flight Announcement System (AFAS)

- Surveillance solution that enables a fast, informed response to potential threats

"In a busy airport environment, it is vital that any incidents are identified quickly and dealt with effectively. Honeywell's life safety and security systems, integrated with a PA/VA system that prioritizes and clearly conveys important messages whenever they are required, help us greatly in this regard."

– HALDUN FIRAT KÖKTÜRK,
CHIEF EXECUTIVE OFFICER, ATTRIBUTION
PRISTINA INTERNATIONAL AIRPORT

Honeywell

THE SOLUTION

Honeywell specified an intelligent, integrated life safety solution all linked, controlled and monitored by a single, user-friendly platform—the EBI.

A full-featured PA/VA system with 11 digital output modules and 21 amplifiers controlling 60 lines was integrated via an embedded protocol interface to the AFAS.

Honeywell Digital Video Manager™ (DVM) software was connected to an IP CCTV system with 356 airport-wide cameras to identify security breaches, false alarms and potential threats.

A Honeywell fire alarm system with 32 panels was connected to 3,000 detection devices.

The new Satellite Master Antenna Television (SMATV) can receive and re-broadcast 40 satellite TV channels throughout the airport.

A card access control system with 40 access points and over 100 keys was added for improved security and identity authentication.

The new Master Clock System synchronizes 45 digital and analog clocks— including world time zones—for maintenance-free reliability.

THE BENEFITS

- Provided an intelligent, enterprise-wide security and life safety solution that operators could monitor, view and control via one platform
- Voice messages delivered clearly and consistently throughout designated zones so occupants can act quickly in the event of an emergency
- Successful integration of PA/VA with the AFAS ensures that important automatic, manual or emergency calls are uninterrupted. Flight announcements are never lost and are rebroadcast automatically once the system is available
- Incorporated advanced digital video surveillance for a clear, visual indication of areas under threat to facilitate a swift response

For more information
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