



Case Study

Mission

The new €645 million Galerie Parisienne extension to terminals 2E and 2F at Charles de Gaulle airport is the largest boarding satellite in France and provides additional capacity for both passengers and planes. Security and safety operations are top priorities for Aéroports de Paris and they are committed to the ongoing improvement and extension of advanced security systems to help protect the airports they control. Having worked closely with the airport authority since 2003 IP specialists Controlware provided a high-quality IP video transmission solution for the new extension.

Solution

The Galerie Parisienne solution adds a further 600 new cameras to the Aéroports de Paris surveillance network that monitors video from over 5,000 cameras. The comprehensive surveillance network includes high quality video transmission, video management and recording systems that help ensure a high level of security is in place to safeguard passengers, airline companies, and partners.

“The flexibility of the transmission solution enables easy integration with the Aéroports de Paris network and provides a sound basis for support of future technologies, applications and services” Carmelo Musumeci, Country Manager for Controlware Continental Europe.

Technology

To bring the 600 new cameras onto the Aéroports de Paris network 150 high performance 4-port video codec’s were deployed by Aéroports de Paris. The codec’s connect the cameras to the Ethernet network, converting the video from analogue cameras to IP. Each codec streams video at 25 FPS (Frames Per Second), 4 CIF



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(Common Interchange Format). This allows operators to monitor and control cameras throughout the Galerie Parisienne at real-time DVD quality. By archiving video at up to 12.5 FPS 4 CIF Aéroports de Paris record at a similar quality to real-time video but at a more cost-effective price point for storage hardware, all the time ensuring no events or alarms are missed.

Result

The IP CCTV transmission solution extends the high levels of security inherent in the Aéroports de Paris network to include the new Galerie Parisienne extension. Operators are able to access, share, and view live and recorded video surveillance from

thousands cameras. Surveillance coverage includes both airside and passenger areas including: luggage sorting, check in desks, access to restricted areas, ATM cash machines, car parks and perimeter monitoring applications. The high quality surveillance ensures that live and recorded video of evidential value is achieved, making identification of suspects more likely and helping to secure Aéroports de Paris network of airports.



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