

THE OPERATIONAL AIRPORT JOURNEY

3 OPERATIONS CONTROL CENTER

The brain of all airports for monitoring and coordinating operations. Integrated communications improve collaboration, speed response times and minimizing the impact on passenger services. Centralized management and private, secure cloud-based applications can streamline day-to-day OCC operations. And a mission-critical architecture is key to protect against cyberattacks.

5 EMERGENCY COORDINATION

Collaboration enables the coordination of multiple emergency services at the right time and place. Enriched with contextual information such as geolocation or video cameras, people or sensors can trigger emergency processes. Automation accelerates the decision-making process and reduces response time.

6 PERIMETER SECURITY

Due to the critical role airports play, all outdoor areas must be secure against any physical intrusion. This requires many high-resolution cameras monitored in real time, and ruggedized network equipment with rich protocols to support this specific traffic flow. Remote management is essential, and even better when embedded in the video management system with the ability to reboot frozen cameras.

1 PASSENGER CONNECTIVITY

Enhance passenger comfort during their dwell time and provide access to airport and airline services by prioritizing quality Wi-Fi. For an even more powerful and strategic approach, deploy Wi-Fi® 7 and integrate cybersecurity by design into your connectivity solution.

2 BAGGAGE HANDLING SYSTEM

Baggage delivery is a large and complex system, where any interruption can cause chaos. Deploy a mission-critical network infrastructure and a robust industrial network to connect all IoT devices such as sensors, QR and barcode readers, cameras and many more.

4 PREVENTIVE AND PREDICTIVE NETWORK MAINTENANCE

Artificial Intelligence (AI) tools play a pivotal role in identifying and avoiding potential network issues, enhancing security and managing hardware risks. They ensure the efficient functioning and longevity of airport LAN and WLAN infrastructures. Potential issues can be identified and rectified before they become major problems, minimizing downtime and maximizing overall airport performance.

Learn more about
ALE technologies
for airports

