



# The Future of Airports with Black Box: Smart, Secure, and Revenue-Driven Connectivity

Black Box is leading the transformation of airports through state-of-the-art wireless and wireline solutions. Our commitment to innovation in private wireless, DAS, and advanced hybrid IT infrastructure empowers airport authorities, airlines, and partners to deliver safer operations, superior passenger experiences, and sustainable new revenue streams.



## Extensive Reach Across U.S. Airports

Black Box proudly partners with **major U.S. airports nationwide**, exemplifying our trusted role in deploying critical connectivity solutions across terminals, baggage systems, and airside facilities.



## Driving Innovation with Airlines & Partners

We collaborate with **leading airlines, concessionaires, and cargo operators**, enabling advanced use cases such as biometric security, asset tracking, automation, and real-time analytics.



## A Nationwide Network of Aviation IT Solutions

Our solutions span **DAS, private wireless, and data centric services**, delivering the foundation for digital transformation and operational efficiency across the airport ecosystem.



## A Trusted Leader in Aviation & Transportation Innovation

Black Box solutions support some of the **largest and most complex airport environments in the world**, proving our expertise in building future-ready, revenue-driven connectivity platforms.

### Case Studies

Discover how Black Box delivers transformative results at airports:

[Black Box Enhanced Operational Efficiency for a High-Traffic U.S. Airport](#)

[Munich Airport, NJ Partners with Black Box to Enhance Operational Excellence](#)

[Optimizing Airport Network Infrastructure: Black Box's Strategic Approach to Challenges](#)

## Innovative Solutions and Services:



### Distributed Antenna Systems (DAS):

Extend secure, high-capacity cellular coverage across terminals, concourses, baggage handling, and airside facilities—supporting both passengers and mission-critical staff communications.



### Integration with Emerging Technologies:

Enable next-generation use cases—such as AI-driven logistics, predictive analytics, robotics, and AR/VR maintenance—through seamless connectivity and scalable platforms.



### Private Wireless Networks:

Provide dedicated, airport-controlled connectivity that ensures predictable performance for automation, biometrics, video surveillance, and IoT-enabled services, even during peak congestion.



### Operational & Passenger Experience Enhancement:

Improve asset tracking, streamline ground crew operations, enable biometric boarding, and deliver seamless retail and concession experiences for travelers.



### Data Security and Compliance:

Safeguard sensitive passenger, operational, and airline data with robust security frameworks and network segmentation, ensuring compliance with aviation and federal regulatory standards.



### Hybrid Wi-Fi Network Solutions:

Combine wired Ethernet and wireless Wi-Fi to deliver both reliability and mobility. Hybrid designs enhance redundancy, scalability, and cost-effectiveness, ensuring seamless connectivity across diverse airport environments.

## Why Choose Black Box?

### We enable airports and aviation partners to:

- **Enhance passenger experiences** with seamless, reliable connectivity across terminals and travel touchpoints.
- **Strengthen safety and mission-critical operations** with secure, always-on communications for staff, first responders, and security systems.
- **Boost operational efficiency** through real-time asset tracking, predictive maintenance, and mobile workforce connectivity.
- **Unlock new revenue streams** by monetizing connectivity through consumption-based models, IoT services, and retail innovation.
- **Maximize ROI on technology investments** with scalable, future-ready infrastructure that evolves with 5G and beyond.
- **Rely on proven expertise** backed by decades of successful deployments and trusted partnerships with major U.S. and global airports.

Black Box® is a trusted IT solutions provider delivering cutting-edge technology products and world-class consulting services to businesses across the globe in every industry. The breadth of our global reach and depth of our expertise accelerate customer success by bringing people, ideas, and technology together to solve real-world business problems.