

Purpose-Built Connectivity for Safe, Efficient, and Intelligent Airports

Reliable, Secure Wireless for Airport Operations

Airports operate as complex, high-density environments where safety, efficiency, and passenger experience depend on uninterrupted connectivity. Traditional Wi-Fi and public cellular networks often struggle to deliver the reliability, mobility, security, and performance required across terminals, airfields, hangars, below-the-deck, and outdoor operations. Leverage the power of dedicated 4G/LTE and 5G technologies designed to support mission-critical airport operations with guaranteed performance, seamless mobility, and enterprise-grade security.

Uninterrupted Connectivity Across the Airport Environment

- Reliable wireless coverage across terminals, ramps, gates, baggage areas, hangars, cargo terminals, and maintenance zones
- Seamless mobility for vehicles, personnel, and connected assets
- Consistent performance in indoor and outdoor environments

Next-Gen Network for Smarter Airport Operations

- Supports real-time video, operational communications, and safety systems with enterprise-grade Quality of Service (QoS) assurance
- Enables IoT sensors for asset tracking, environmental monitoring, and predictive maintenance
- Provides a foundation for automation, robotics, and future airport innovations

Security and Control—SIM-Based Authentication

- Strong device identity management using SIM-based authentication
- Network segmentation to isolate critical operational traffic
- Greater control and visibility compared to shared Wi-Fi or public cellular networks

Scalable and Future-Ready Infrastructure

- Designed to scale as airports add devices, applications, and new services
- Supports current LTE and 5G capabilities and enables advanced features in the future without major reinvestment
- Reduces long-term costs through wide-area coverage with fewer access points



The Hughes Advantage

- Network design, deployment, and integration
- Proactive monitoring and lifecycle management
- 24x7x365 operations and technical support
- Performance backed by service-level agreements (SLAs)
- Centralized visibility and SIM management

Power airport operations with a dedicated private wireless network.

Visit our [website](#) to learn more information about Hughes Managed Private Wireless Networks.