

Free Passenger Wi-Fi at a Remote Airport via Bonded Starlink

A remote regional airport had no reliable fixed-line internet and wanted to offer free passenger Wi-Fi in the terminal and apron areas. We delivered bonded Starlink backhaul, a WatchGuard firewall, and two Ubiquiti access points to cover travellers and staff.

KEY RESULTS

2x

bonded Starlink dishes for resilient backhaul

2

Ubiquiti access points covering terminal and apron

99.5%

terminal Wi-Fi availability since go-live

<50ms

average failover between Starlink links

BEFORE

- No usable fixed-line broadband or fibre at the remote airport location
- Passengers and pilots expected reliable internet while waiting for flights
- Public Wi-Fi had to be safely segregated from any airport operational systems
- Single Starlink dish alone could not guarantee consistent throughput during peak departures

AFTER

- 2x - bonded Starlink dishes for resilient backhaul
- 2 - Ubiquiti access points covering terminal and apron
- 99.5% - terminal Wi-Fi availability since go-live
- Installed two Starlink terminals on the terminal roof and bonded them into a single high-availability internet path

"Travellers now get online the moment they walk into the terminal. For a remote airport, that is a serious competitive advantage."

- Airport operations manager