AVIATION · PASSENGER WI-FI

# Passenger Wi-Fi across Adani-operated airports

Immunity Networks provides passenger and public Wi-Fi infrastructure across a group of major Indian airports operated under the Adani Airports portfolio.

**Dense, seamless passenger Wi-Fi across six major airports — managed from one console.**

| | |
|---|---|
| **Sector** | Aviation — airport passenger & public Wi-Fi |
| **Sites** | Navi Mumbai (NMIAL), Mumbai (MIAL), Mangaluru, Ahmedabad, Thiruvananthapuram, Guwahati |
| **Use case** | High-density passenger Wi-Fi, secure isolation, compliant public access |
| **Platform** | Net Cloud AIOps — single pane across airports |

## The challenge

Airports must serve tens of thousands of daily passengers roaming across large terminals, with strict isolation from operational and security systems and DoT-aligned logging for public internet access. Operations must stay visible and controllable across multiple airports from one place.

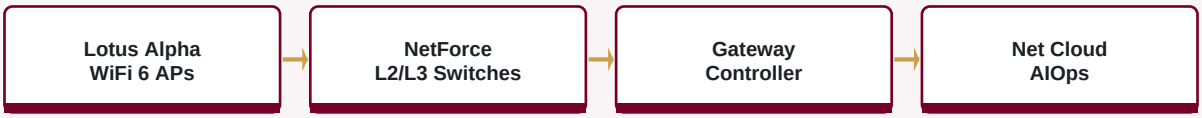
**KEY CHALLENGE**

*At airport density, coverage is not enough — capacity, seamless roaming and central control decide whether passenger Wi-Fi is merely "connected" or genuinely usable.*

## The Immunity solution

Immunity deployed an end-to-end stack engineered for high-density public environments, unified under one cloud control plane spanning every airport.

**ARCHITECTURE**




**Compliance layer:** Central Syslog / IPDR with configurable retention for public-Wi-Fi compliance.

## Stack deployed

- Lotus Alpha WiFi 6 access points engineered for high-density terminals
- NetForce L2/L3 switching backbone with VLAN segmentation and PoE
- Immunity Gateway Controller for security policy and branded captive portal
- Net Cloud AIOps for zero-touch rollout and single-pane, multi-airport operations

## Outcomes delivered

| 6 | WiFi 6 | 24×7 |
|---|---|---|
| Airports on one platform | High-density design | AIOps monitoring |

- Consistent passenger Wi-Fi experience across multiple airports
- Centralised monitoring, configuration and remediation from one console
- Guest traffic isolated from operational systems with compliant logging

**FROM THE FIELD**

*“Named customer references, logos and specific performance figures are available under NDA on request.”*

This case study reflects an Immunity Networks customer deployment. Figures shown are indicative of the deployment class; named references are shared under NDA.