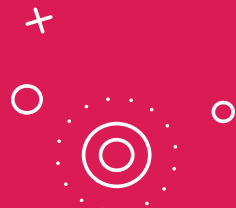




Mindtree

A Larsen & Toubro Group Company

Case Study:
Airport Platform for
**world's leading
Aviation Services
provider**



Welcome to possible

CLIENT

The client is one of the world's leading specialists in air transport communications and information technology. They provide their services to around 400 members and 2,800 customers worldwide, which directly or tangentially impacts all air travel around the globe. Serving over 200 countries the world over, they generated a revenue of over US\$1.5 billion in 2018.

CHALLENGE

Given that the client was a conglomeration of services provided by individual airlines, there were some unique challenges. To begin with, each Airline had proprietary and legacy devices and processes for passenger services such as check-in, boarding and baggage management. Moreover, the evolving nature of the airport ecosystem ensured that it was undergoing transformation with even more new and innovative business models. In addition to this, there were also long lead times of 4-6 months to onboard new airports and ensure their operationality.

SOLUTION

To begin the engagement, Mindtree devised a cloud-based Airport Platform for enabling centralized management at scale. Then, we laid down well defined interfaces for device integration with IoT Hub and API layer for consuming sub-systems. Next on the line was easy online configuration of devices through custom built portals. And at the end, we implemented real time monitoring of all devices and components of the platform including business monitoring.

BENEFITS

By creating an airport platform for the world's leading Aviation Services provider, Mindtree delivered the following benefits:



Faster TTM and Agility in responding to Irregular Operations (IROPS) – thereby reducing lead time for new Airport setup by 85%



80% reduction of Lead time in setting up new Check-in Stations and Boarding Gates



Centralized maintenance and limited Infrastructure footprint at the airports, resulting in significant operational gains



Significant cost savings for airlines & airport operators through modularity and as-a-service model



Enabled extension to support devices like tablets, mobile devices, beacons, handhelds etc.



■ ABOUT MINDTREE

Mindtree [NSE: MINDTREE] is a global technology consulting and services company, helping enterprises marry scale with agility to achieve competitive advantage. "Born digital," in 1999 and now a Larsen & Toubro Group Company, Mindtree applies its deep domain knowledge to 275+ enterprise client engagements to break down silos, make sense of digital complexity and bring new initiatives to market faster. We enable IT to move at the speed of business, leveraging emerging technologies and the efficiencies of Continuous Delivery to spur business innovation. Operating in more than 15 countries across the world, we're consistently regarded as one of the best places to work, embodied every day by our winning culture made up of over 22,000 entrepreneurial, collaborative and dedicated "Mindtree Minds."