

# SkyLink Airlines

Enterprise Systems Architecture

**We unify flight operations, passenger services, and aircraft management into one system.**



## Our Vision

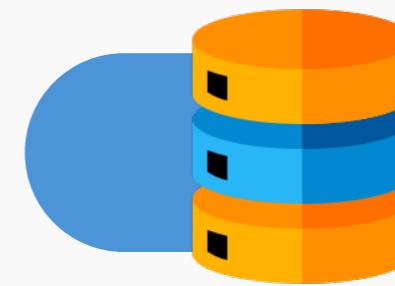
A connected aviation platform that tracks flights in real time, streamlines reservations, and coordinates crews and airports.

📌 **Safety**

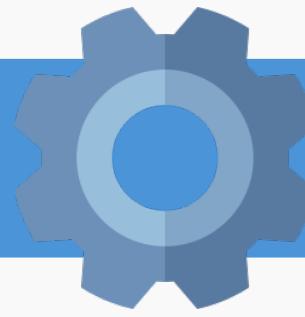
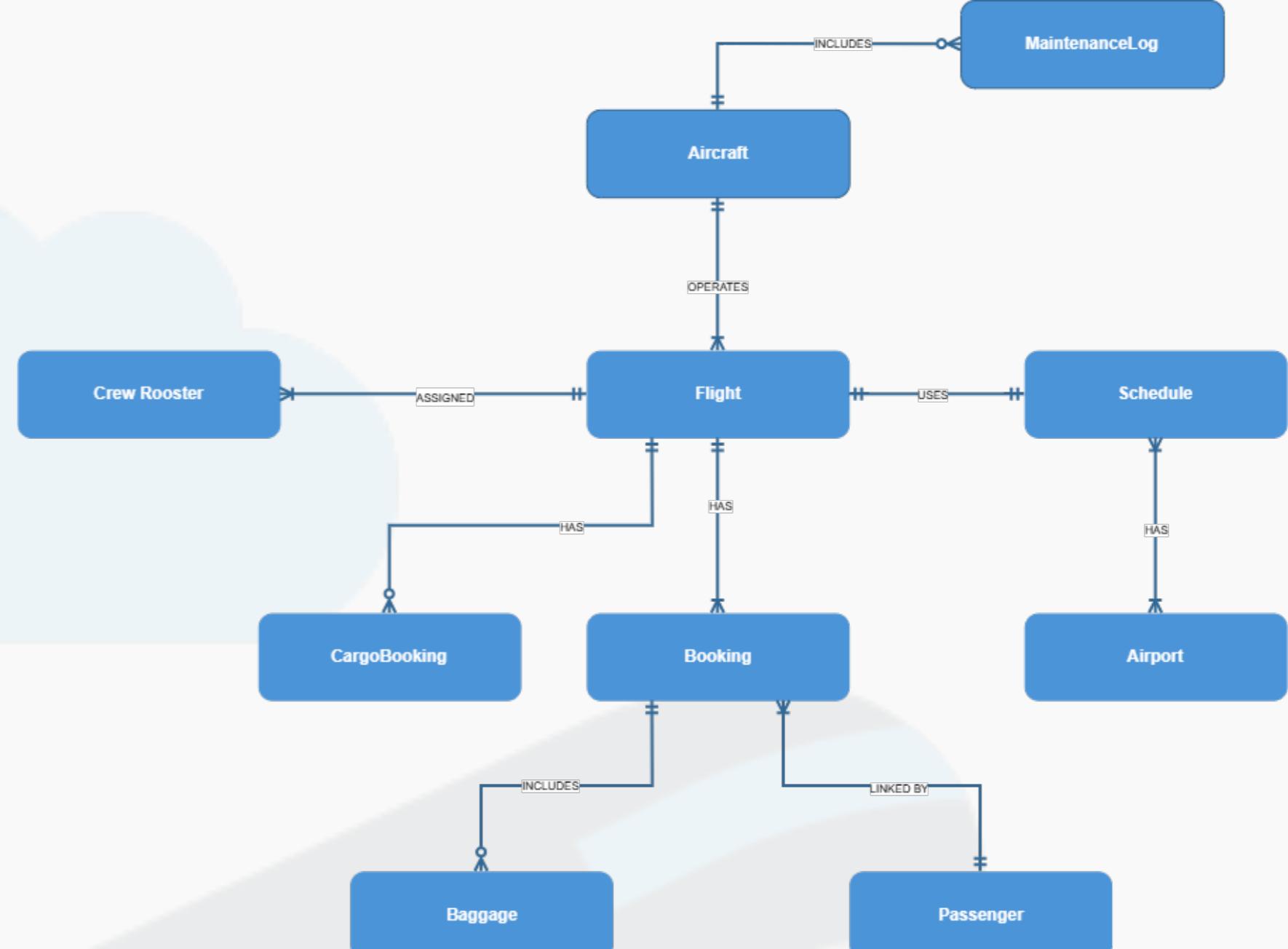
📌 **Punctuality**

📌 **Cost Efficiency**

📌 **Customer Satisfaction**



## Our Data Foundation



## How We Operate

From booking to check-in, flight tracking to crew scheduling – powered by microservices and APIs.

Passenger Apps (Booking, Check-in)

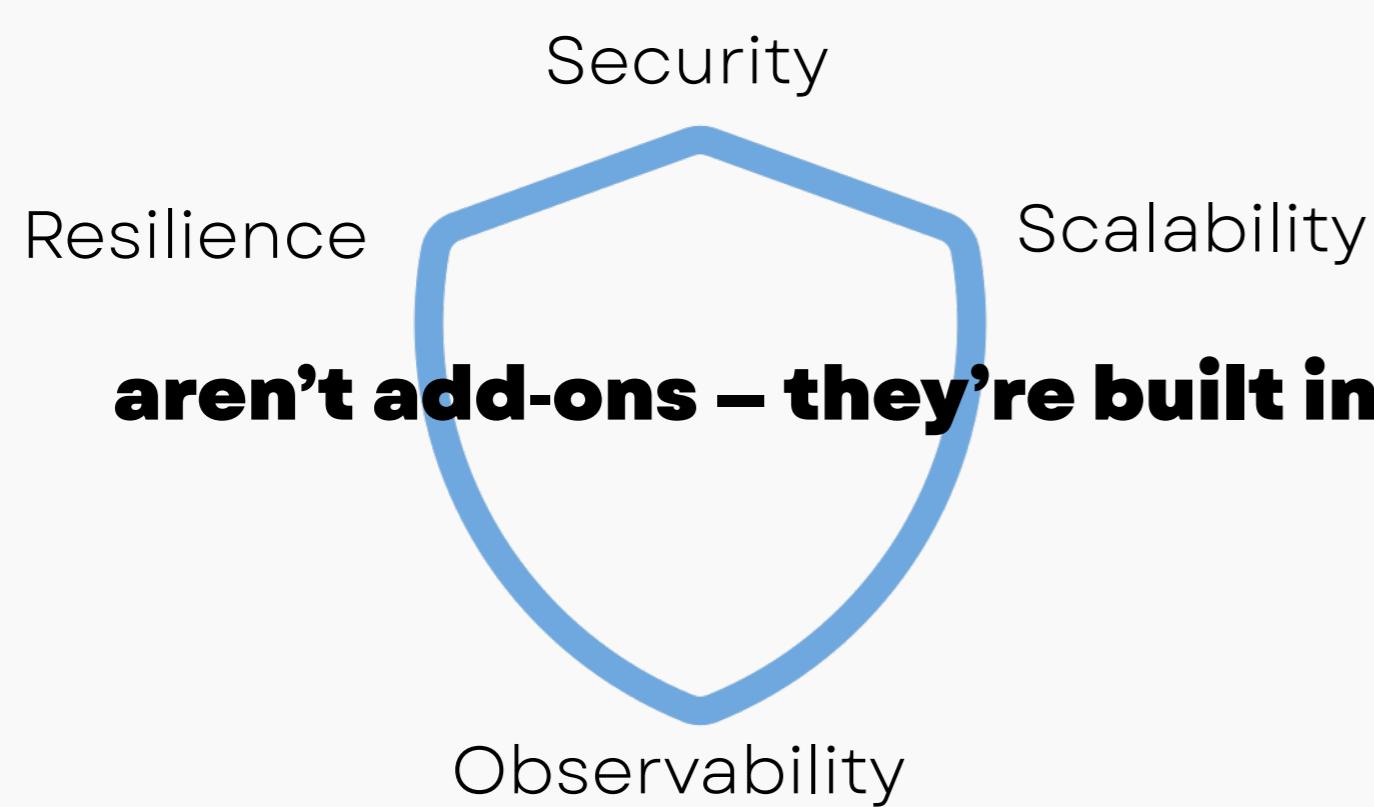
APIs Layer (connectivity)

Microservices (Tracking, Maintenance)

Operations Backbone (Airline systems)

**Outcome:** seamless passenger journeys and efficient operations.

## Our Promise



With TLS, auto-scaling, circuit breakers, and centralized monitoring, we guarantee **performance** and **reliability**.



## How We Connect

API gateways, ESB, and MQTT streaming keep everything in sync.

Guaranteed

✓ Reliable

✓ Fast

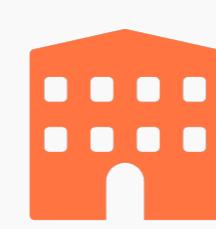
✓ Secure

## communication



## Where We Deploy

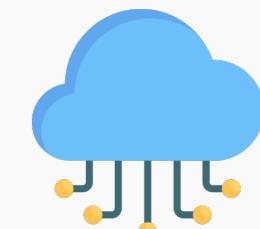
**A hybrid setup:**



On- Prem



Edge



Cloud

working together.

This gives us **global scalability**, **real-time analytics**, and **secure connectivity** between aircraft, data centers, and passenger apps.