

SkyLink Airlines

Enterprise Systems Architecture

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



Our Vision

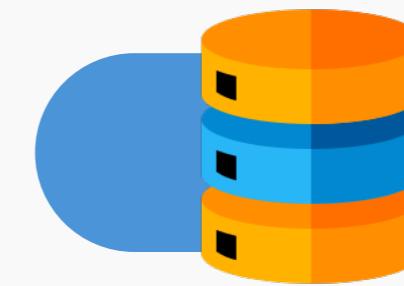
A connected aviation platform that tracks flights in real time, streamlines reservations, coordinates crews and airports.

Safety

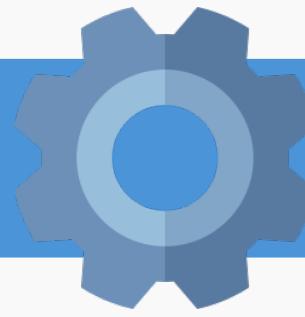
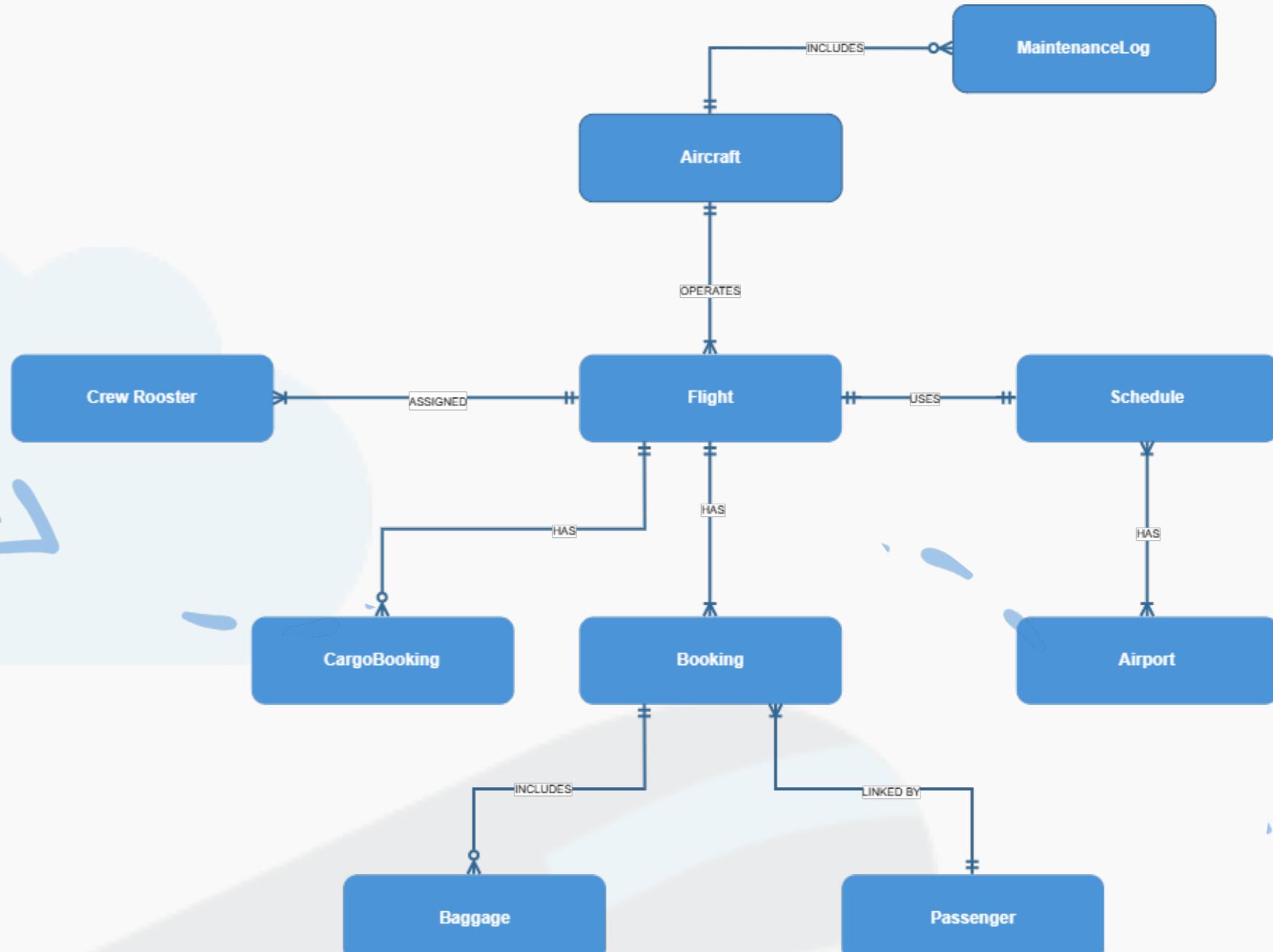
Punctuality

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.

Where We Deploy

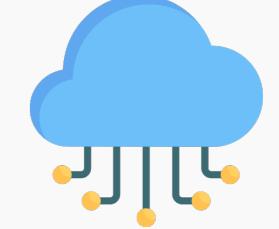
A hybrid setup:



On- Prem



Edge



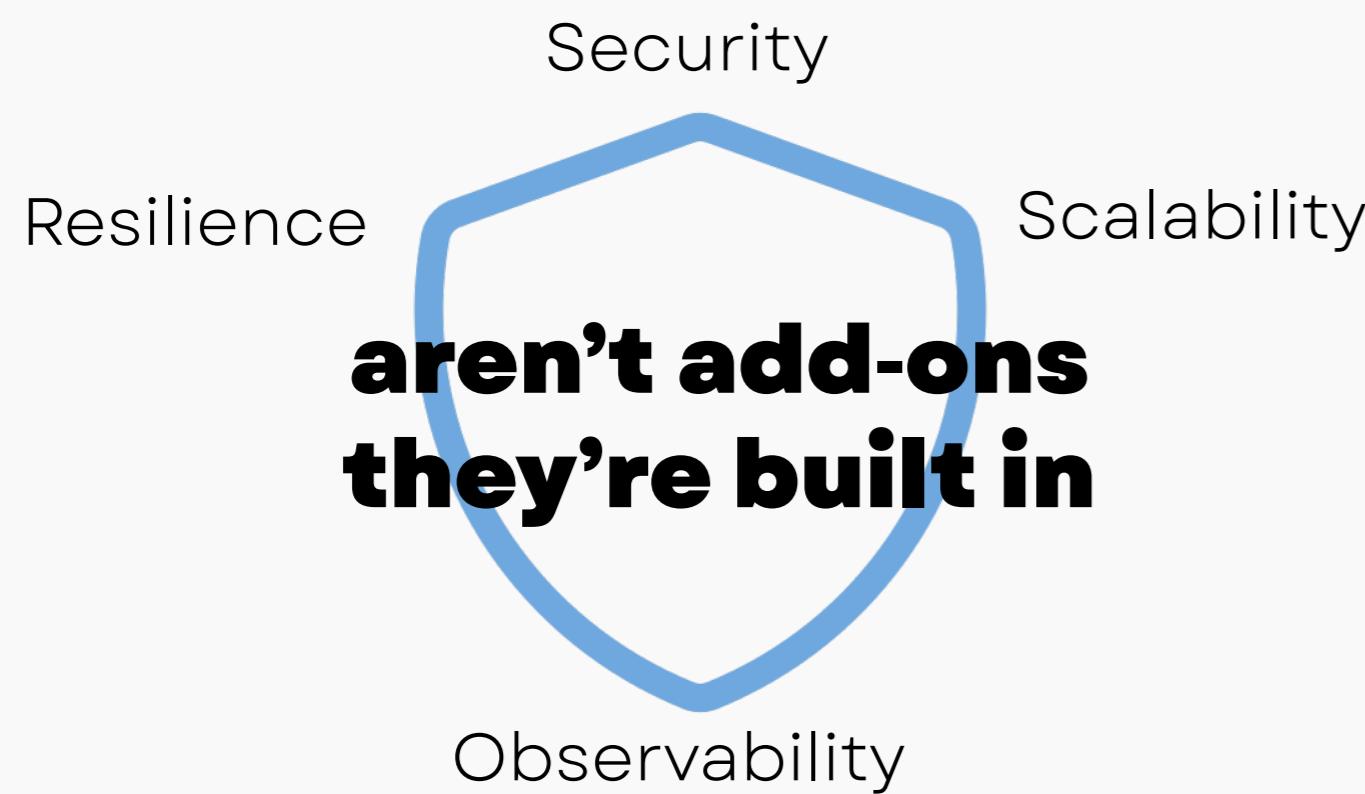
Cloud

working together.

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



Our Promise



How We Connect

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

Guaranteed

✓ Reliable ✓ Fast ✓ Secure

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

communication