

# SkyLink Airlines

Enterprise Systems Architecture

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



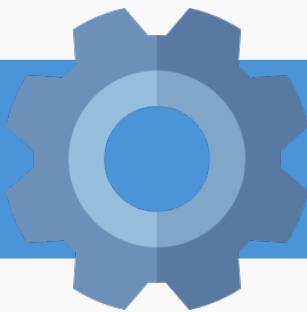
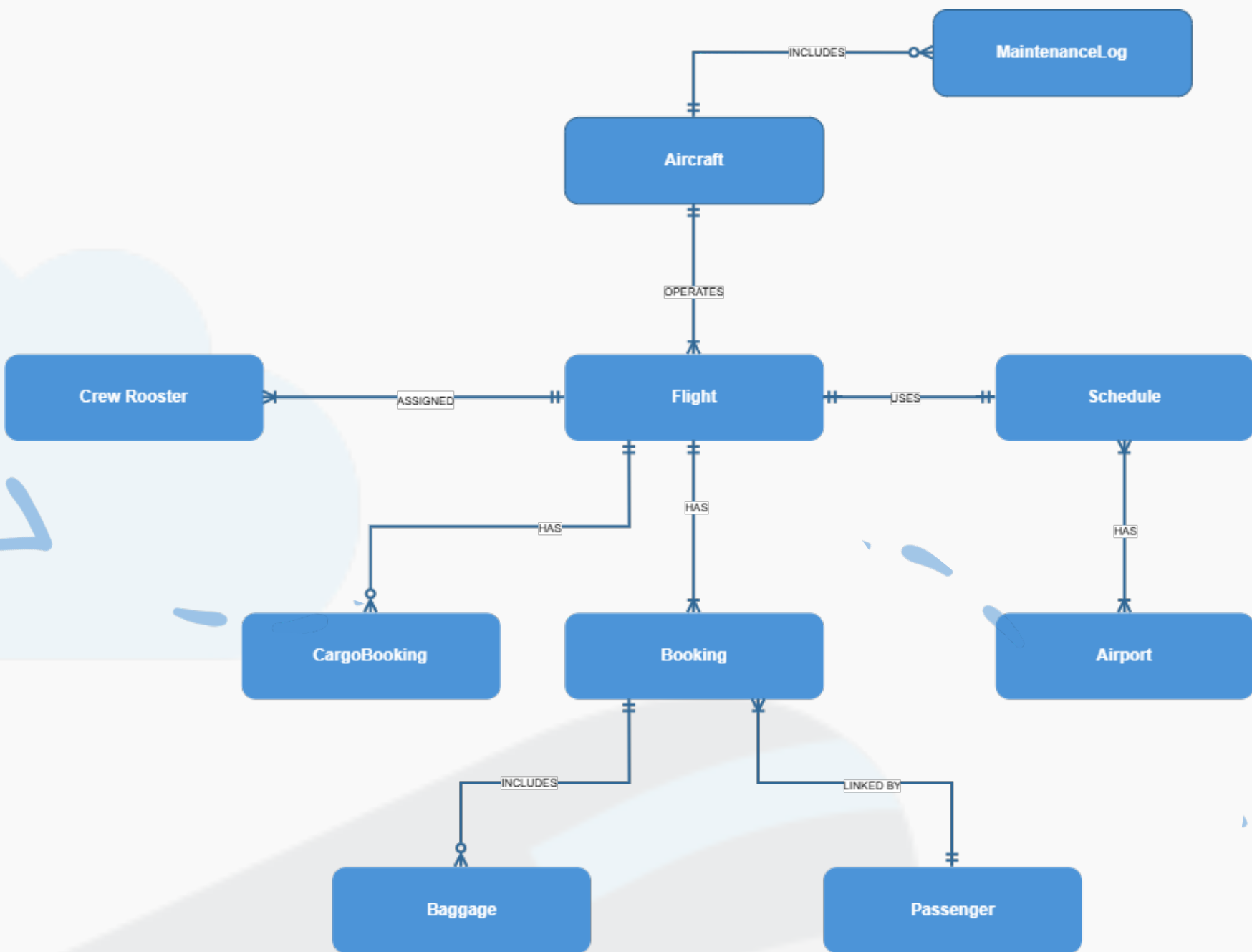
## Our Vision

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:**



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



## 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**