

# CASE STUDY



## Results

- ✓ Leaner and lighter platform
- ✓ More resilient against disruptions
- ✓ Streamlines business processes
- ✓ Decreases supply chain costs
- ✓ Reduces inventory and wastage
- ✓ Empowers rapid decisions
- ✓ Increases supply chain collaboration
- ✓ Raises customer satisfaction

**Industry:** Airline

**Country:** United States

## Technology Environment

- AWS Cloud
- AWS Lambda
- AJAX
- DOJO Framework
- JEE
- JBoss 4.2.2
- Oracle 10G
- EJB 3.0

## AWS hosted microservice powered In-flight Supply Chain management platform

“This is an end client facing, transformative solution that realizes our vision of a seamless and real-time in-flight supply chain.”

*Director, Global Bus Apps & Software Development*

### Business Driver

- Cost, scalability and availability benefits of Cloud
- Higher resiliency for the application platform to meet the ever-increasing demand from users
- Achieve quicker customer (airlines) onboarding to the platform

### Scope of Service

- Re-architect the logistics platform to a modern application pattern using microservices and AWS Serverless platform – Lambda.
- Orchestrate AWS tasks using advanced Cloud automation using AWS Cloud formation, AWS System manager, Aws Lambda
- Provide 24x7 managed services for mission critical Apps in AWS

### Solution Highlights

- Marlabs re-architected the platform, enabled by microservices.
- Achieved ability for seamless upgrades and onboarding.
- 24x7 SLA driven Marlabs AWS Managed services to ensure maximum service availability