Claudio Mirabal

Technical Product Manager · Platforms, APIs & Integrations · Airlines & Aviation

Technical Product Manager at a US airline · 2024 to present

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SUMMARY

I own the products that run an airline's operations and the integration layer that connects them to the vendors behind them, from contract and budget through training and release.

Also: AI-assisted development · API specifications (OpenAPI, SOAP) · SQL · Event-driven integration · Fluent in English and Spanish

End to end
product ownership across airline operations

13
integrations supporting 500 to 1,000 flights a day

100%
of an airline's charter business moved to a new platform

10–30 hrs
saved every week for the charter team

SELECTED PROGRAMS

Flight Operations Platform Migration

Apr 2025 – present

Program and product lead · 500 to 1,000 flights a day · 13 connected systems

Replacing the system that runs an airline's daily flying, without the airline stopping.

- 13 systems connected to the new platform while daily operations ran uninterrupted.
- Around 20 cross-team dependencies tracked and closed before the cutover, with none left open.

Charter Operations Platform

2025 – 2026

Product manager, end to end · 80 trained users · 10 to 30 hours a week saved for the team

Took an airline's charter business from in-house tools to a modern platform, end to end.

- 100% of charter operations on the new platform, delivered under budget.
- A purpose-built assistant app now saves the charter team 10 to 30 hours a week.

SSIM Schedule Validation App

2025 – 2026

Product manager

Built a product that stops bad schedule data before it reaches other systems.

- Every schedule file is checked before it reaches two downstream systems.
- Errors are caught at the source, by the person who can fix them, in seconds.

FAA SMART/FMDS Compliance

2026 · live Sep 21, 2026

Program lead

Met a fixed federal deadline starting from nothing.

- Live on the regulatory date.
- A program with clear owners where none existed.

ADDITIONAL PROGRAMS

Electronic Flight Bag Program. Kept the pilots' tablet program FAA-compliant while redesigning it.

Backup Flight-Times Feed. Replaced a paid outside service with an in-house one, ahead of schedule.

ATC Slot Optimizer Schedule Feed (SlickOR). Gave operations control the data it needed to cut delays.

Legacy Suite Retirement and Platform Stabilization. Retired what nobody used and kept the old core stable until its replacement.

Integration Platform, Resilience, and Quality. Modernized the integration platform and automated its testing.

SYSTEMS AND SKILLS

Airline platforms: CAE Movement Manager · CAE AMDM · NavBlue N-Flight Planning · Navitaire (PSS) · AirlineChoice (aptaero)

Integration & infrastructure: MuleSoft / CloudHub 2.0 · API-led layering (experience / process / system) · ActiveMQ / Amazon MQ · RabbitMQ · Vendor SOAP services

Data & standards: IATA SSIM · OOOI events · ACARS / CPDLC datalink · Secure Flight / APIS / CBP · FAA SMART/FMDS

Product & delivery: AI app governance & release process · Vendor contracts & budget ownership · AI-assisted development (coding agents) · API specifications (OpenAPI / SOAP) · SQL