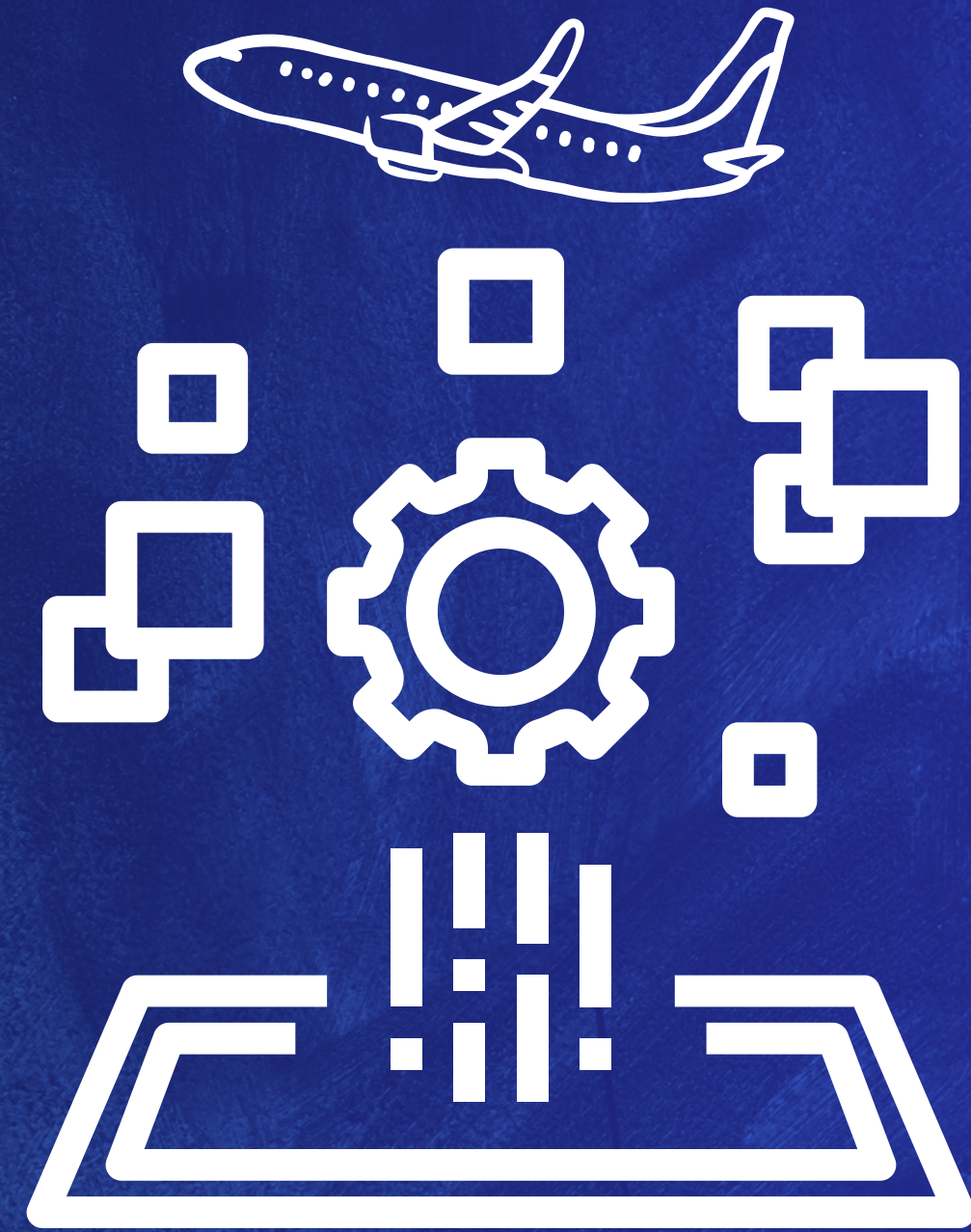


Innovation in Aviation MRO

A Digital Leap Forward



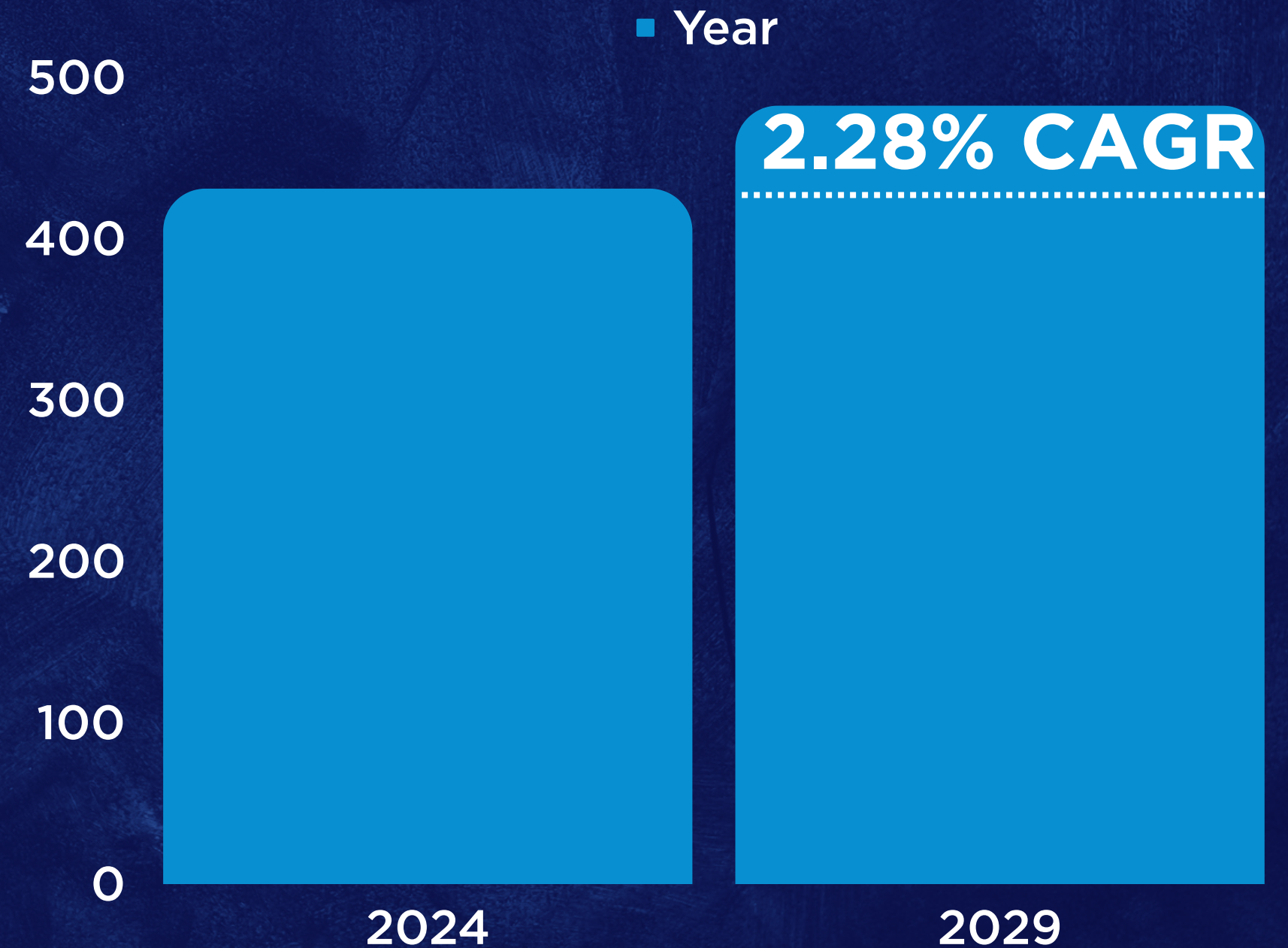
Anne Norwawi
Head of Business Development & Marketing
Asia Digital Engineering (ADE)



The MRO Landscape

MRO plays a vital role in aviation, ensuring safety and efficiency. The industry is expected to recover fully with increased flight schedules and fleet expansion in 2024.

The Maintenance, Repair, And Operations Market size is estimated at USD 430.98 billion in 2024 and is expected to reach USD 482.40 billion by 2029, growing at a CAGR of 2.28% during the forecast period (2024-2029).



Challenges in MRO Operations

1



Operational Challenges

- Time and cost inefficiencies
- Difficulty in managing complex logistics
- Challenges in maintaining consistent quality standards

2



Labor and Resource Challenges

- Labor shortages in the MRO sector
- Challenges in sourcing skilled workforce
- Difficulties in managing and maintaining the necessary inventory

Our Approach

Predictive Maintenance using Big Data Analytics and AI

By leveraging big data analytics and AI, MRO companies can predict maintenance needs before they become critical. This approach helps in planning maintenance activities more efficiently, reducing downtime and costs.

Enhanced Parts Availability through Online Marketplace

An online aircraft parts marketplace can revolutionize the way MRO companies source parts. By providing a digital platform where various suppliers list available parts, MRO companies can quickly find and purchase the necessary components, reducing downtime due to parts unavailability.



Major Milestones

01

AMO Approved



02

New Hangar

Our new hangar construction is expected to be completed by Q3 2024, with the capacity for 8 narrow-body aircraft and 2 wide-body aircraft at one time.

03

Service Enhancement

We expand our nacelle capability with Collins Aerospace



04

Digital Collaborations

We collaborated with tech giants like Zebra Technologies to enhance our digital offerings



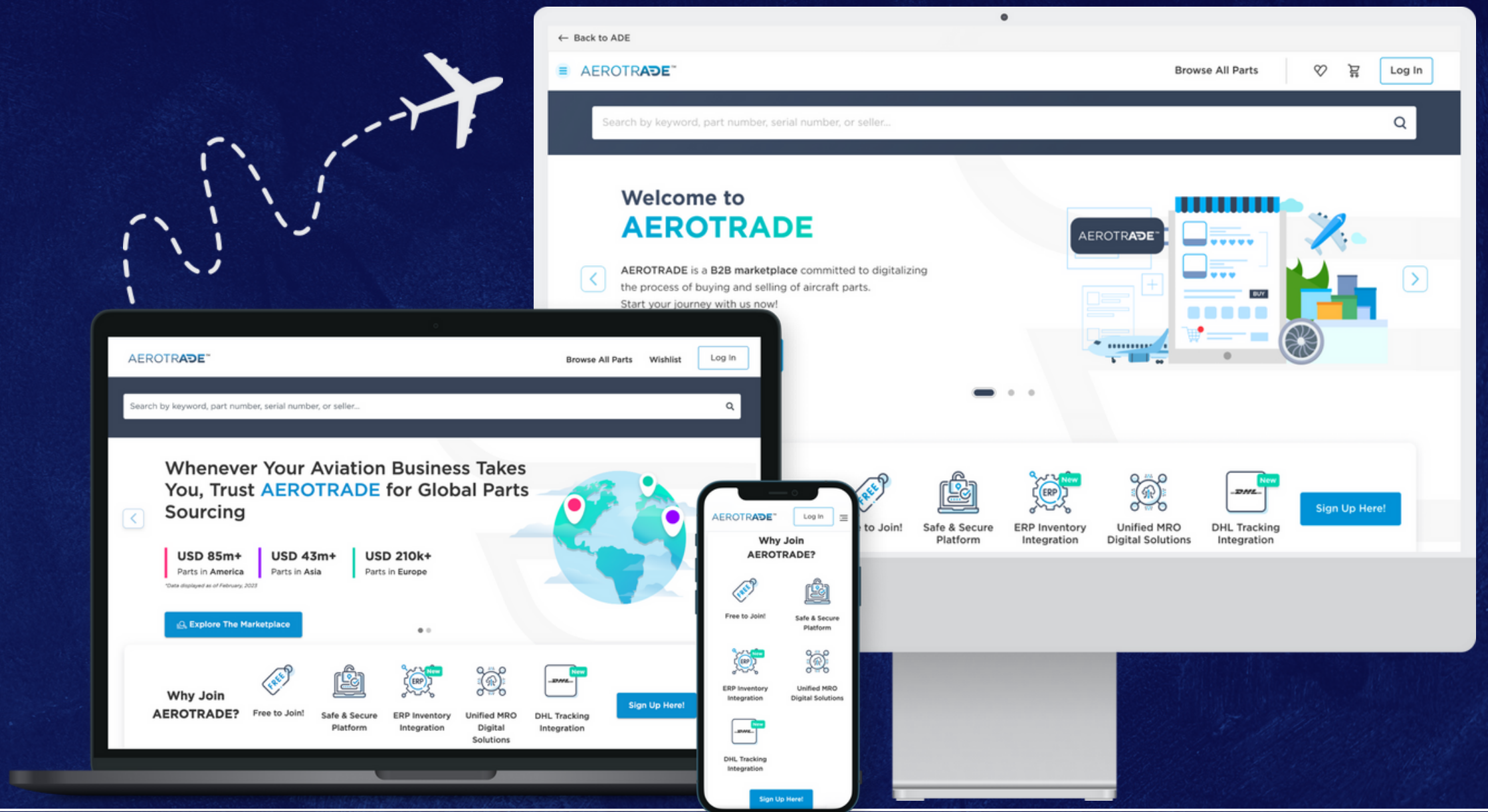
Our Guiding Principle

We innovate to simplify & solve problems
with practical use of technology.

Not just because we can.



AEROTRADE™ at a glance



Global reach

Currently serving 129 members worldwide



Huge inventory

Has a global inventory worth more than USD 240 million



Exponential increase in transactions

5-fold year-on-year (YoY) increase in transactions within the platform.

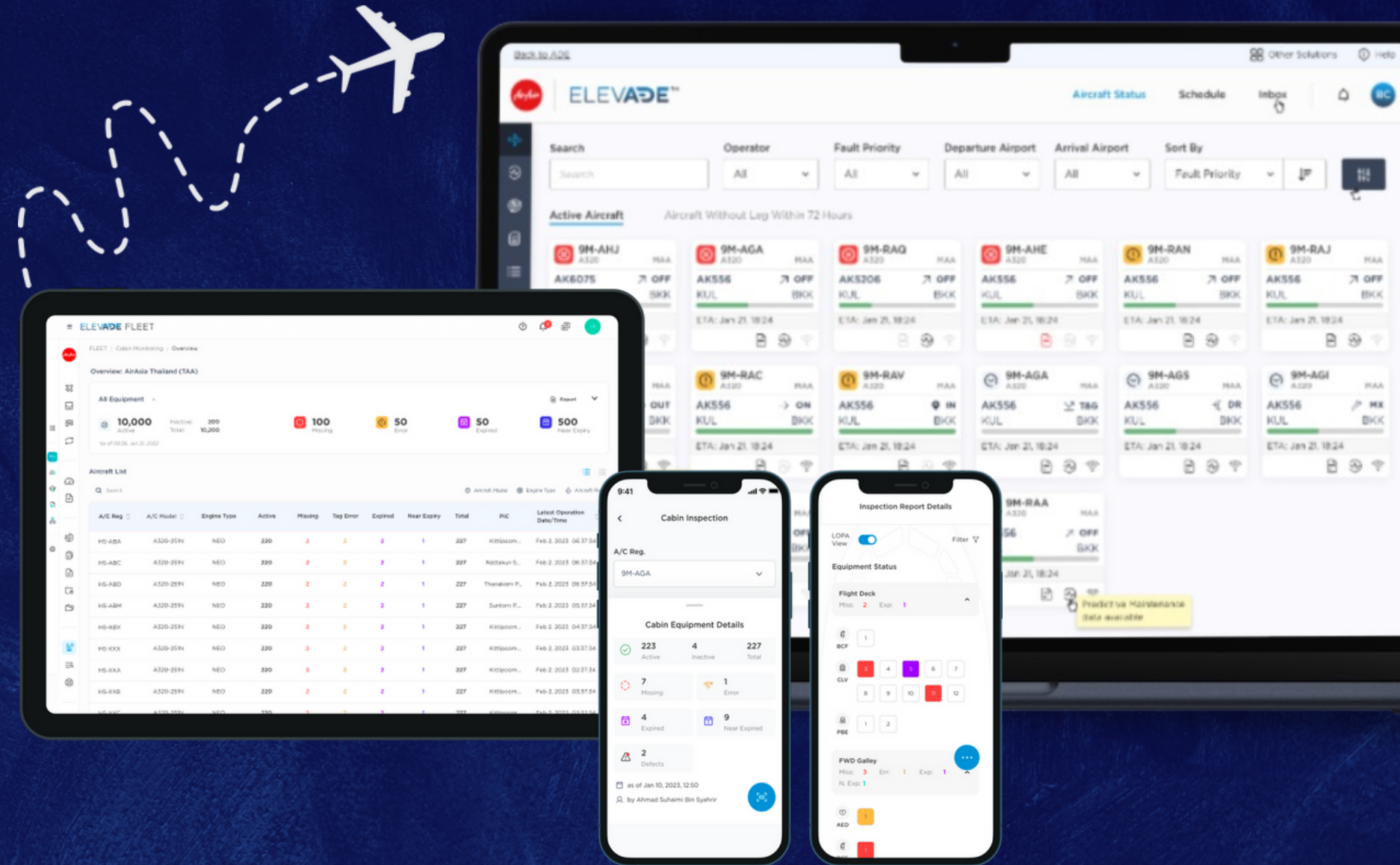


A seamless B2B experience

A complete marketplace experience, from order processing, fulfilment, and secure payment transactions (coming soon).



ELEVADÉ FLEET at a glance



Condition Monitoring

Servicing 7 airlines and more than 200 aircrafts



Defect Management

Pre-defined Analytics with email notification for critical defects and Repetitive Defect Management.



Daily Aircraft Status Report (DASR)

Complete ecosystem in managing aircraft status and enhanced analytics report.



Cabin Monitoring with RFID

Improve accuracy and efficiency of life vest inspections. Co-developed with Zebra Technologies

Be part of the movement



27 - 29 February 2024



5 - 6 March 2024



19 - 21 March 2024

Thank you!



www.ade.aero

