

Digital Airfield: A Collaboration Enabler

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What is a Digital Airfield?



Right Info, Right Time, Right User

Artificial Intelligence



Integrated Airport data



Convergence

- Connecting airline, airside & ATC Ops

Automation

- AI based decision support

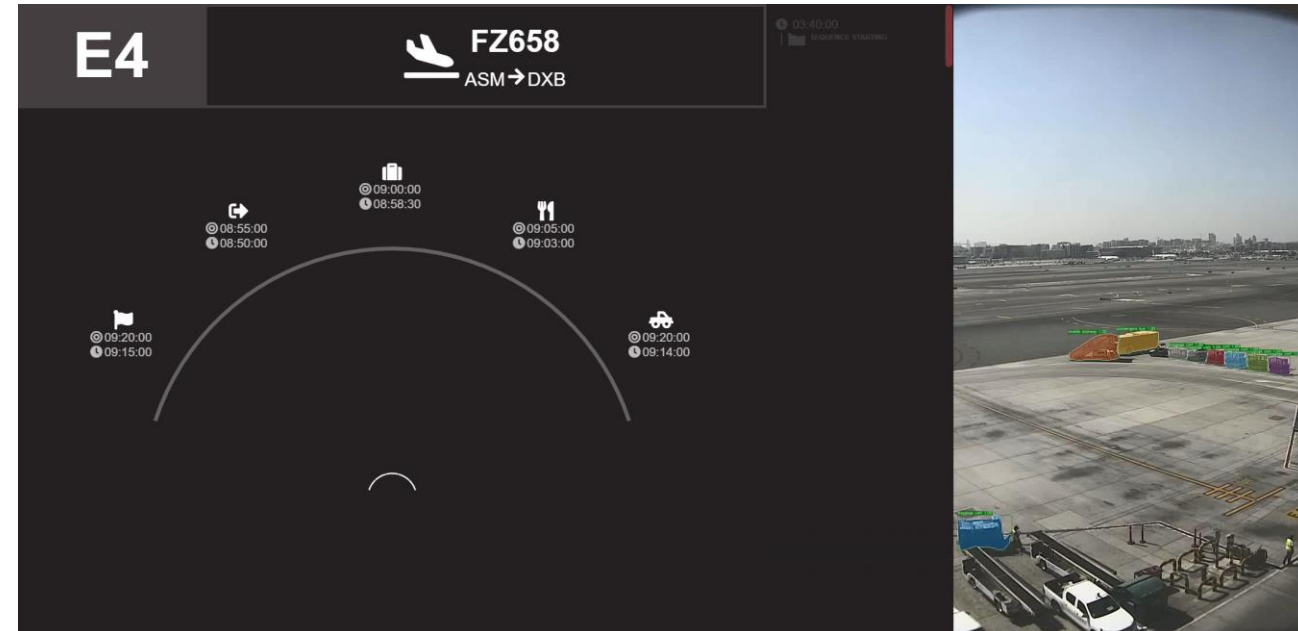
Augmentation

- Video Tags / Overlays/ MET

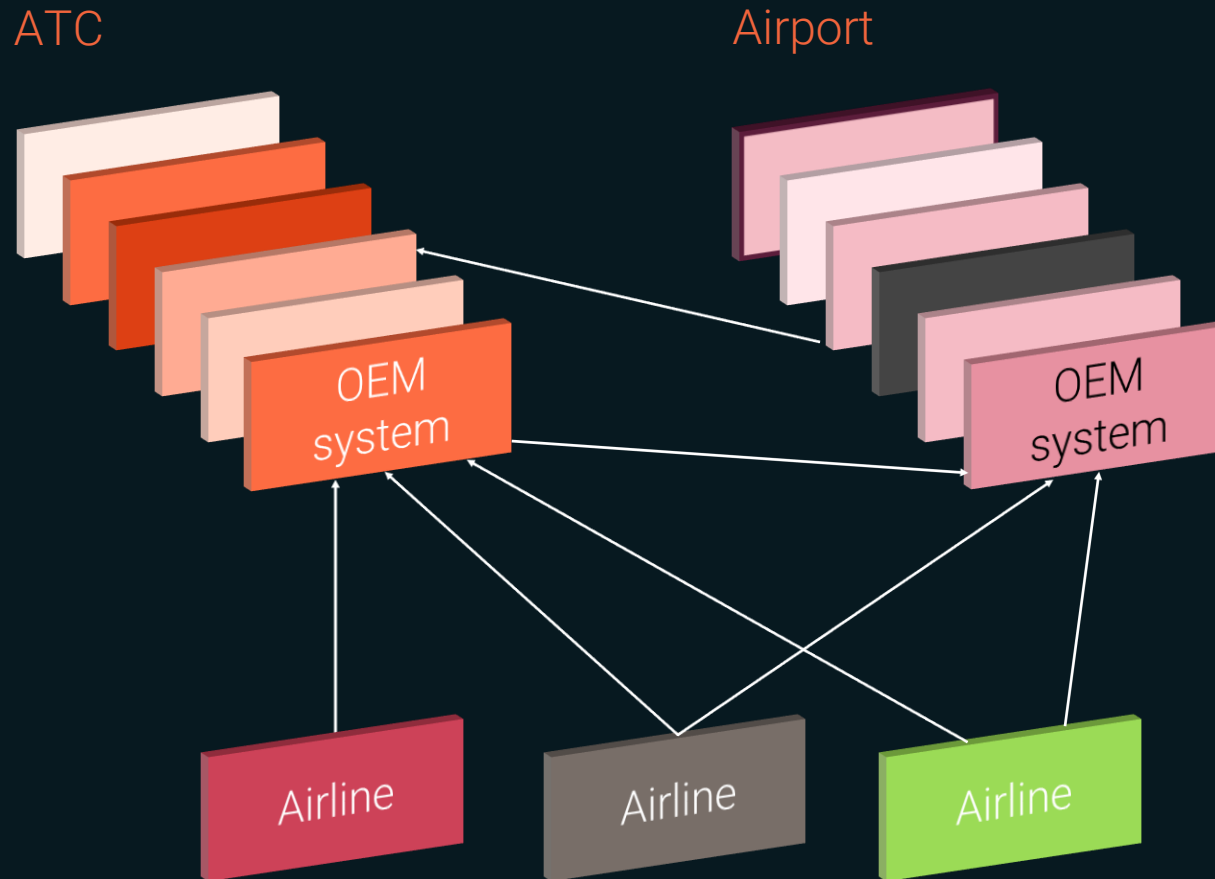
Digital Out the Window View

- Cameras

Digital Airfield: Visualisation

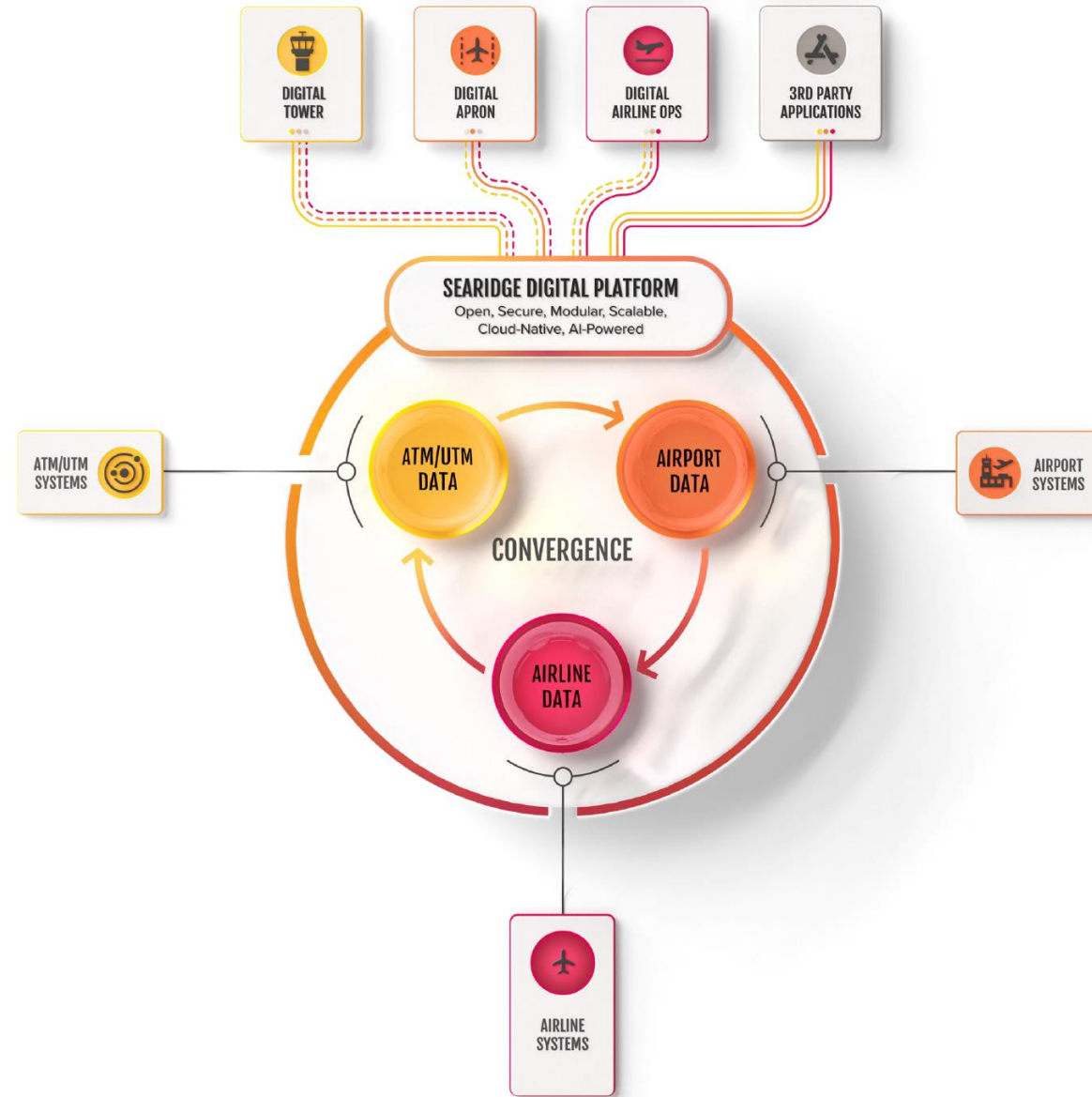


Today's Operational Data / System Environment



ATC and Airport operations with:

- › Limited point to point data exchange
- › Siloed monolithic systems
- › Disparate OEM suppliers on each side
- › No commonality of OEM between ATC and Airport



- Microservices based
Open Architecture

- Solve Airport User
Problems

Stakeholder Collaboration - IAC



Stakeholder Collaboration - CDM



Microservices



Last Minute
change of stand



RWY
Occupancy
Timer



Stand Not Empty
for Incoming
Flight

- What Microservice would you build?
(Right Info, Right Time, Right User)

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