



PACE

nFMS & FPO – Redefining Pilot Engagement through EFB & FMS Interactions

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Pacelab Flight Profile Optimizer

Our contribution to Flight Efficiency and
Sustainability

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Our Mission:

To provide pilots with meaningful information that enables them to
make better decisions on board and to improve operational efficiency, on-time performance and passenger safety.



PACE FPO – Flight Profile Optimizer

Electronic Flight Bag application that provides real-time lateral route, vertical profile and speed optimization advisories.



Reduce Fuel Burn

Reduce annual fuel burn by at least 1% to 2%



More Punctual Flights

Improves on-time performance and passenger comfort



Fewer Emissions

Significantly reduces CO2 and other pollutant emissions



Increased Awareness

Direct access to live weather, turbulences and traffic data



EFB App Available for



Born in Berlin • Since 2007

Market Leader – FPO, The Original

Long lasting relationship based on trust and credibility.



First introduced in 2007

30 years experience in aircraft performance and almost 20 years in in-flight optimization



40+ dedicated subject matter experts

Aerospace, mathematics, software background expertise contributed to 1M+ hours of product development



Future oriented product vision

Long-term product roadmap, participating in many R&D projects and working with the latest technology

17

Airlines

2100+

A/C Tails

10000+

Daily flights

30000+

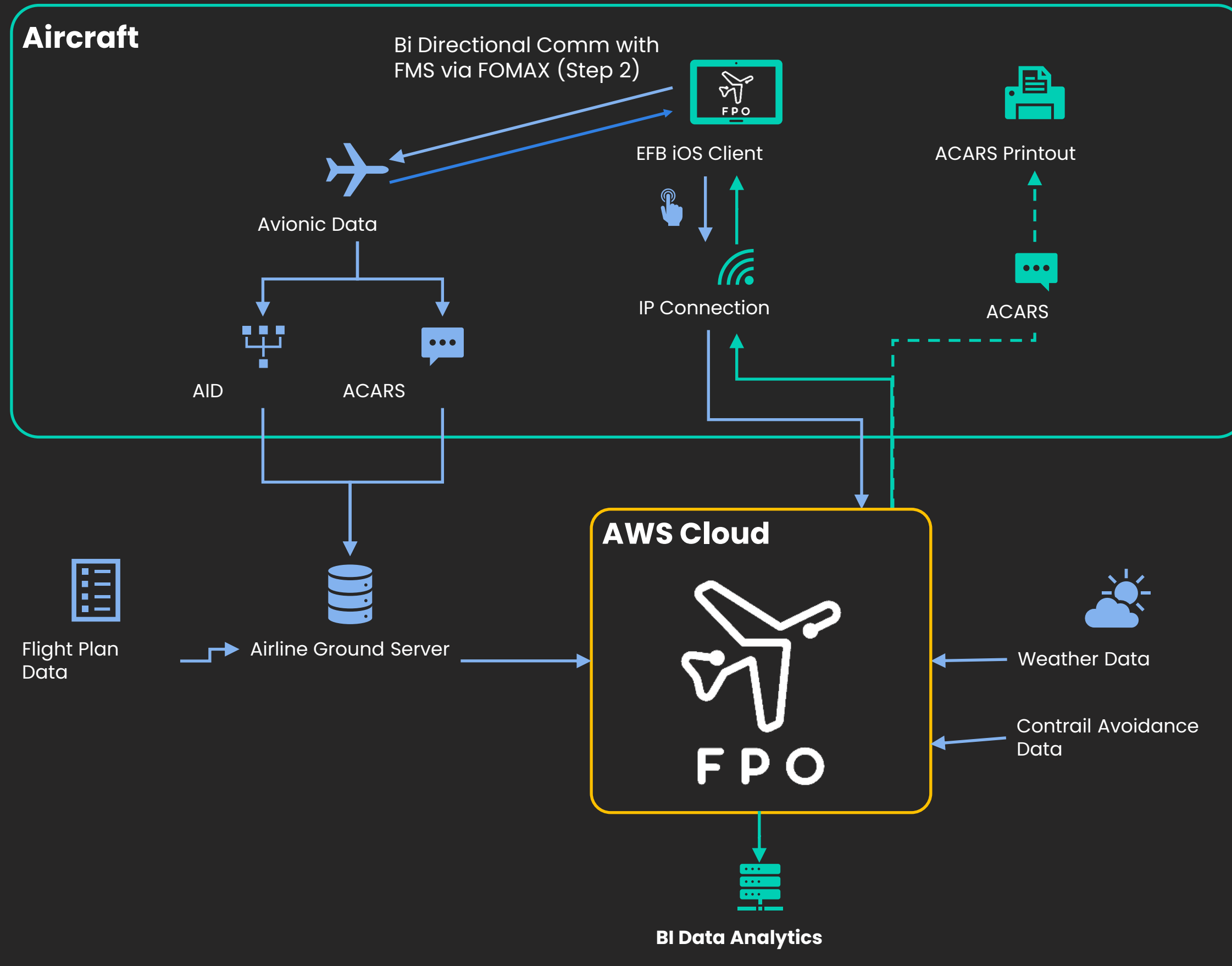
Pilots



Major US Cargo
Operator



FPO Cloud Architecture

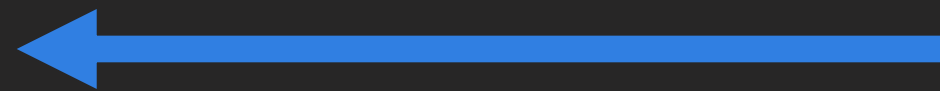
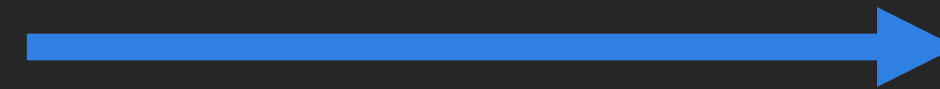


Bi-Directional Communication – Use Cases



Active FPN info (incl. SID and STAR and CI)

AID Live Data (Position, GW, CG, Temp..)

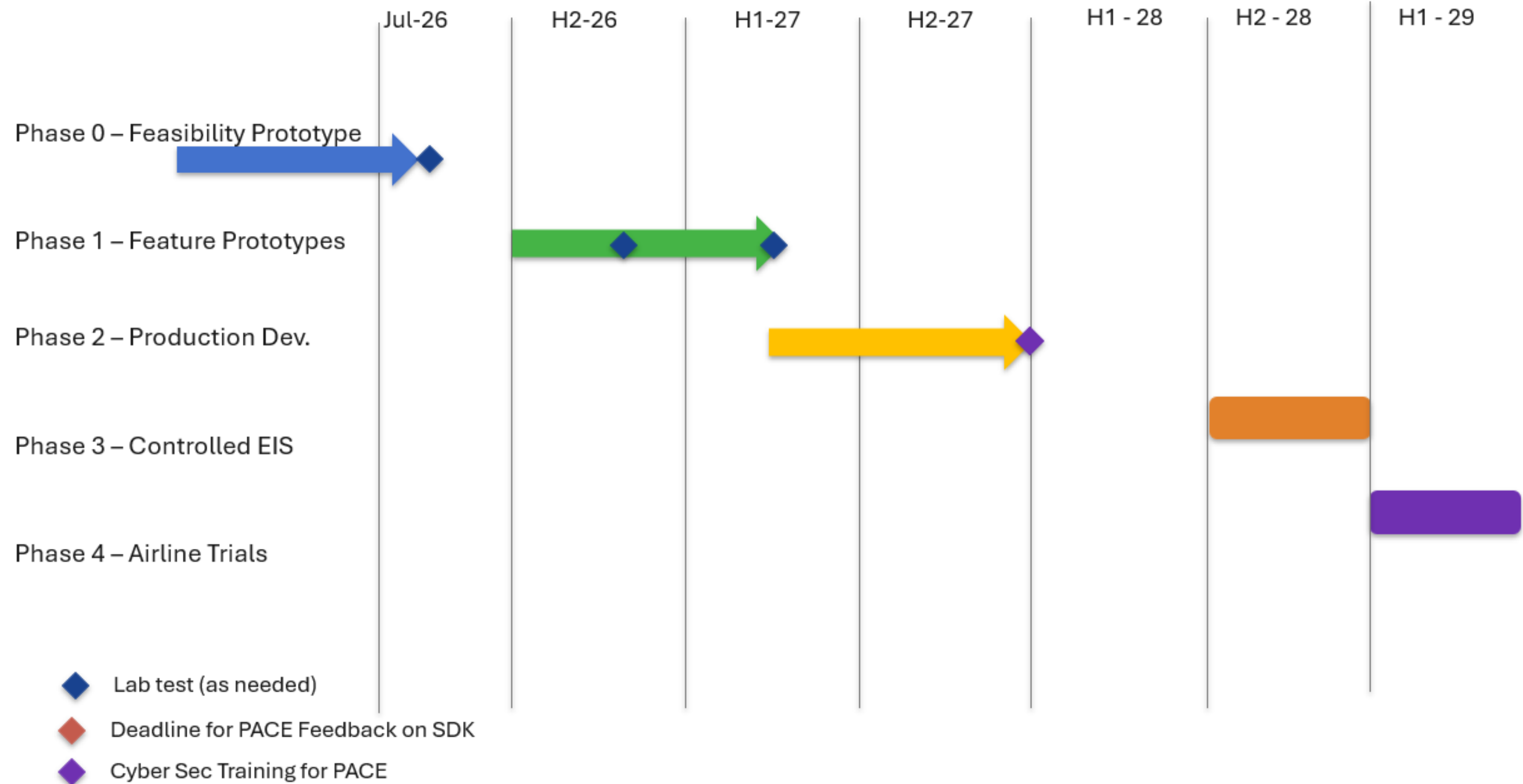


Trajectory Advisories as secondary FPN (Step positions, Speed changes, route changes)

More precise WX Data and updates



Timeline



Thank You !



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