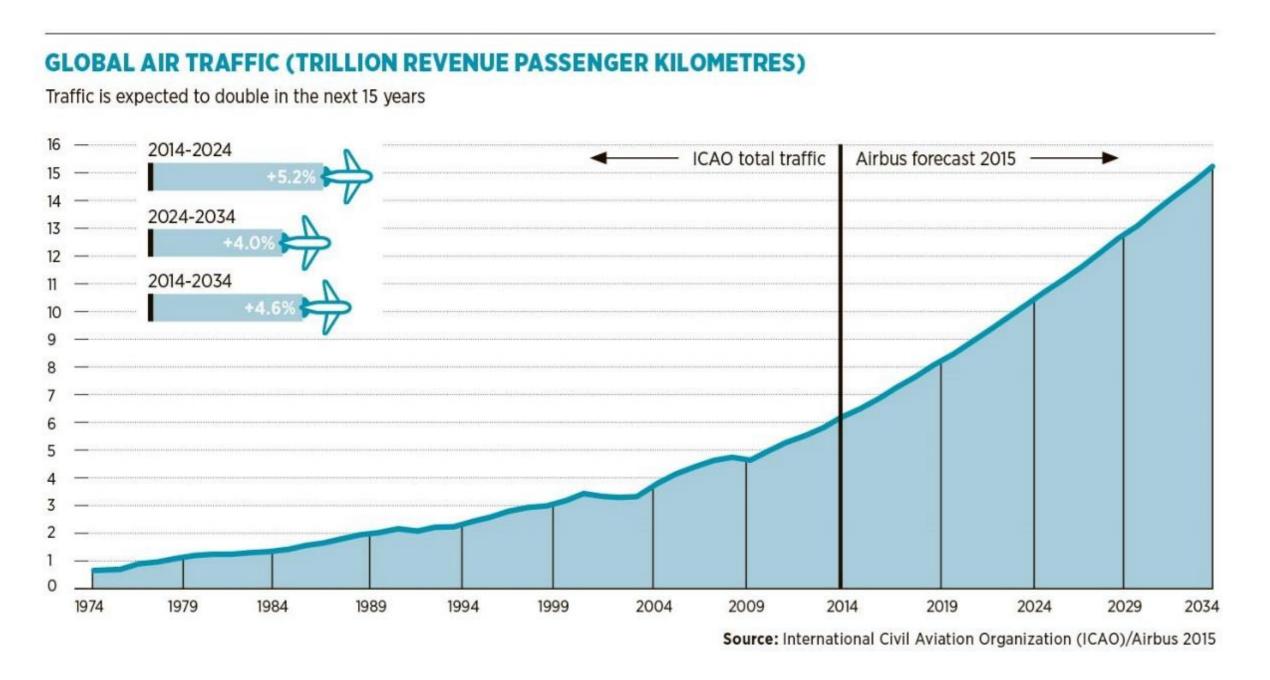
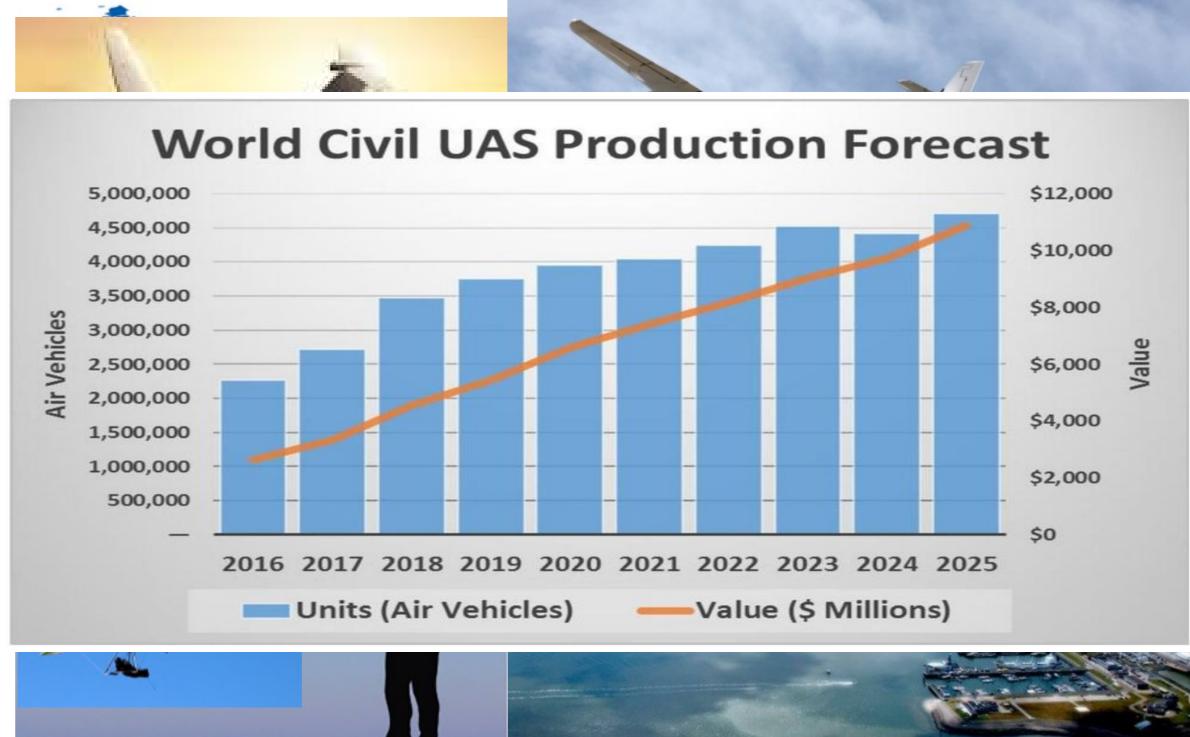


A NEW ERA IN AVIATION

• Demand, including new entrants

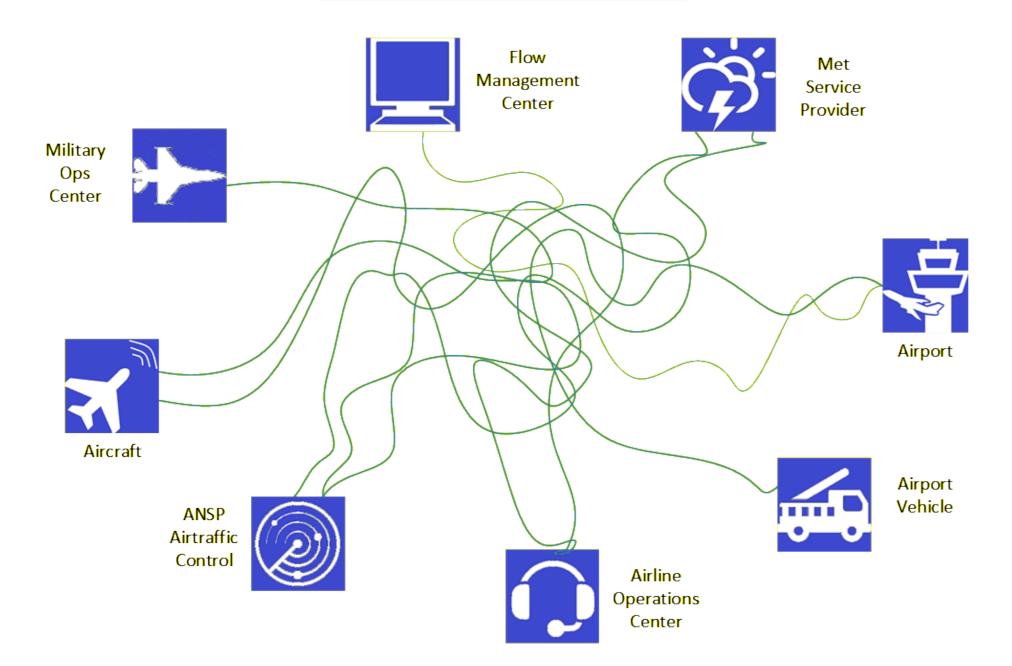






Problem Statement (for aviation)

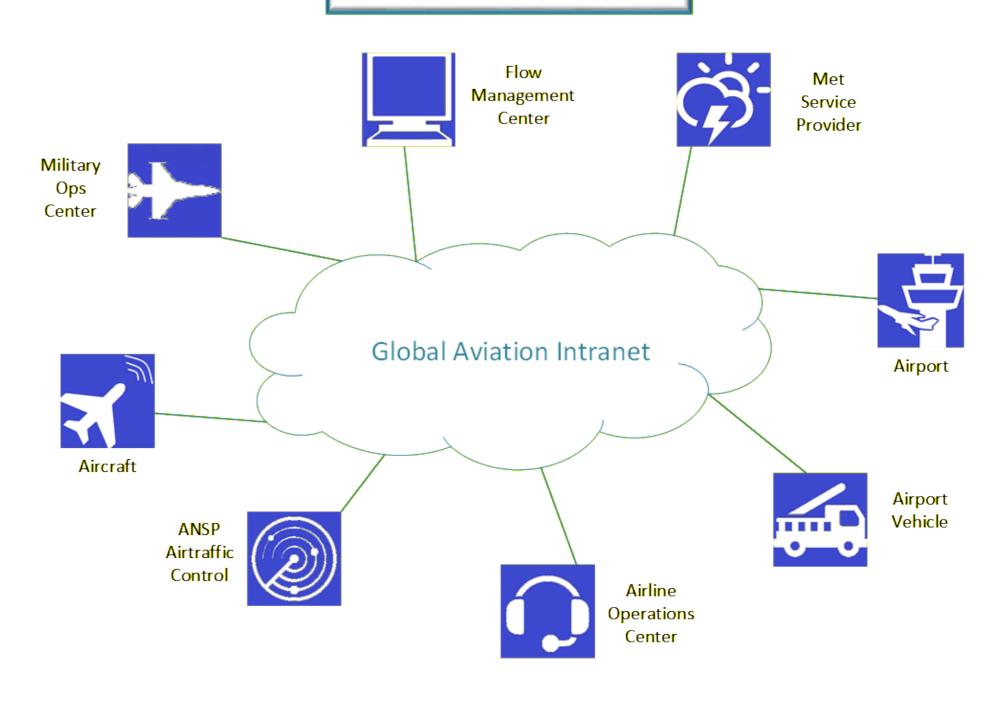
AVIATION TODAY



- Specific systems and networks
- Point to point communication
- Physical infrastructure
- Low connectivity
- Limited Automation with user oversight

Low exposure Limited impact

FUTURE OF AVIATION



- Multi-stakeholder system of systems
- Public networks
- Increased use of COTS and standard protocols
- Virtual infrastructure
- High connectivity
- Increased Automation with minimum user oversight

High exposure
High impact



Problem (?) (for IETF)

- Commercial aircraft avg speed: 480 Kt.
- Only in US: 5000 flights simultaneous
- Around 100000 flights a day worldwid
- No recognition of borders for information
- Average flight distance: 1200 NM.
- Longest flight: 9500 NM 19 Hours



Thank you

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