



SWIM-SUIT

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Project Coordinator



02/05/2007

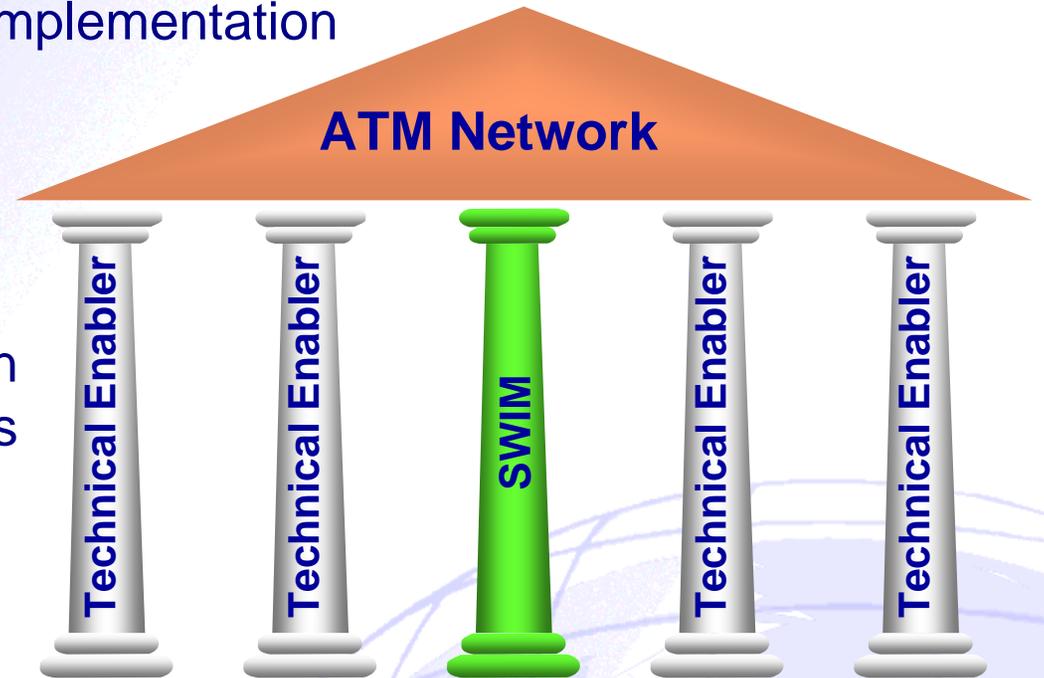
Washington, ICNS Conference



Setting the Scene

- Single European Sky foresees implementation of a European ATM Network

- System Wide Information Management (SWIM) represents main technical enabler



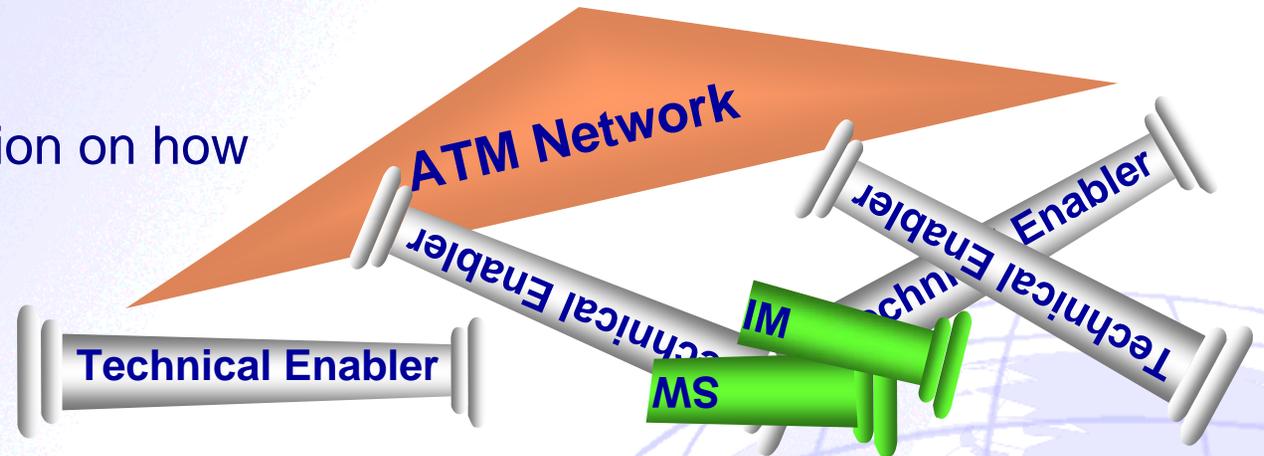
- Many initiatives have already focused on the operational aspects of an ATM Network offering timely information, distributed when and where needed
 - C-ATM, OATA PROJECT, EUROCAE Working Groups 59, 61 and 69



Is it Feasible?

- How strong are the foundations?

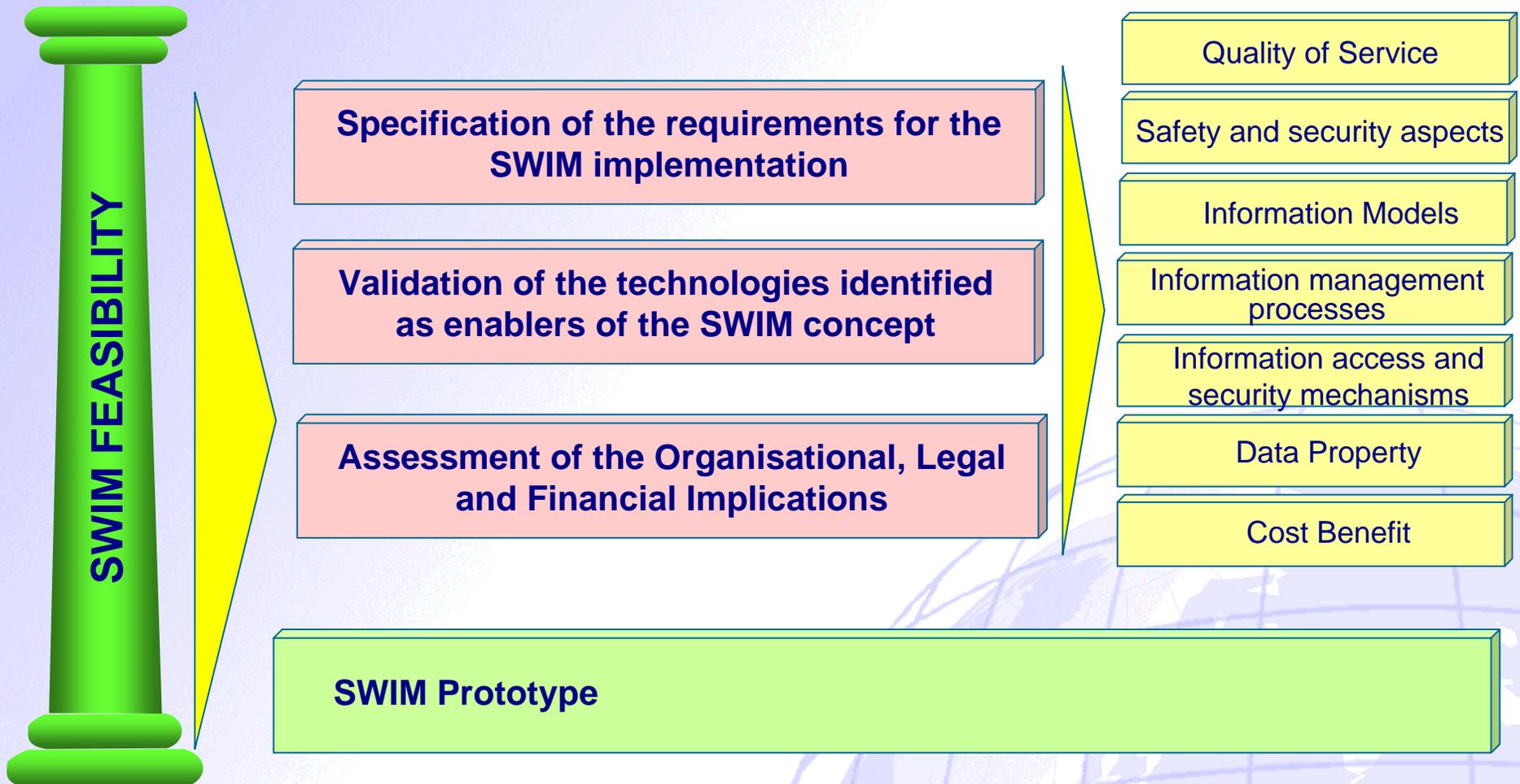
- Still no clear indication on how to implement SWIM



- Investigate the feasibility of an initial System Wide Information Management infrastructure for the European Air Transport System.

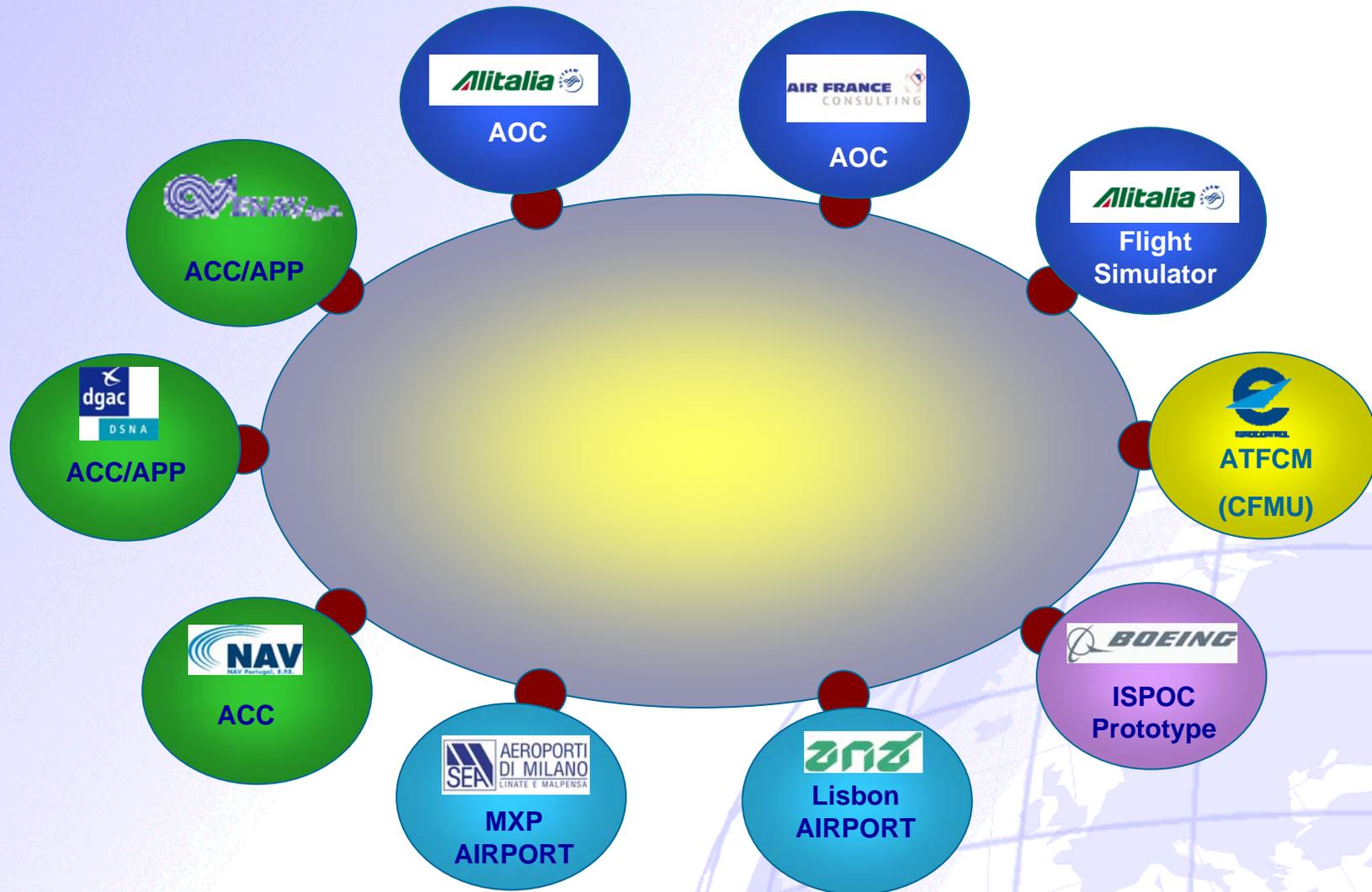


SWIM-SUIT Objectives





SWIM-SUIT Prototype

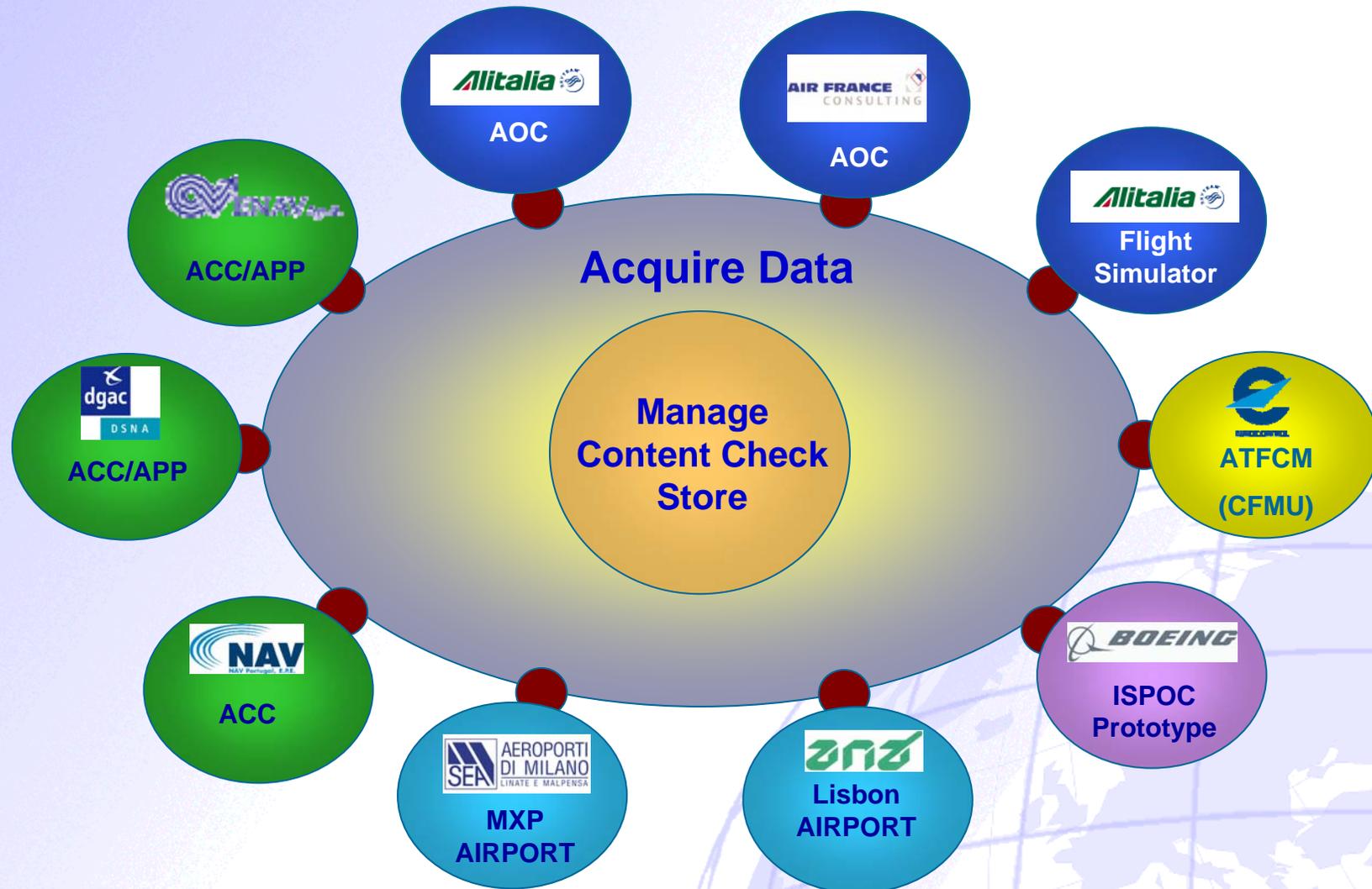


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SWIM-SUIT Prototype

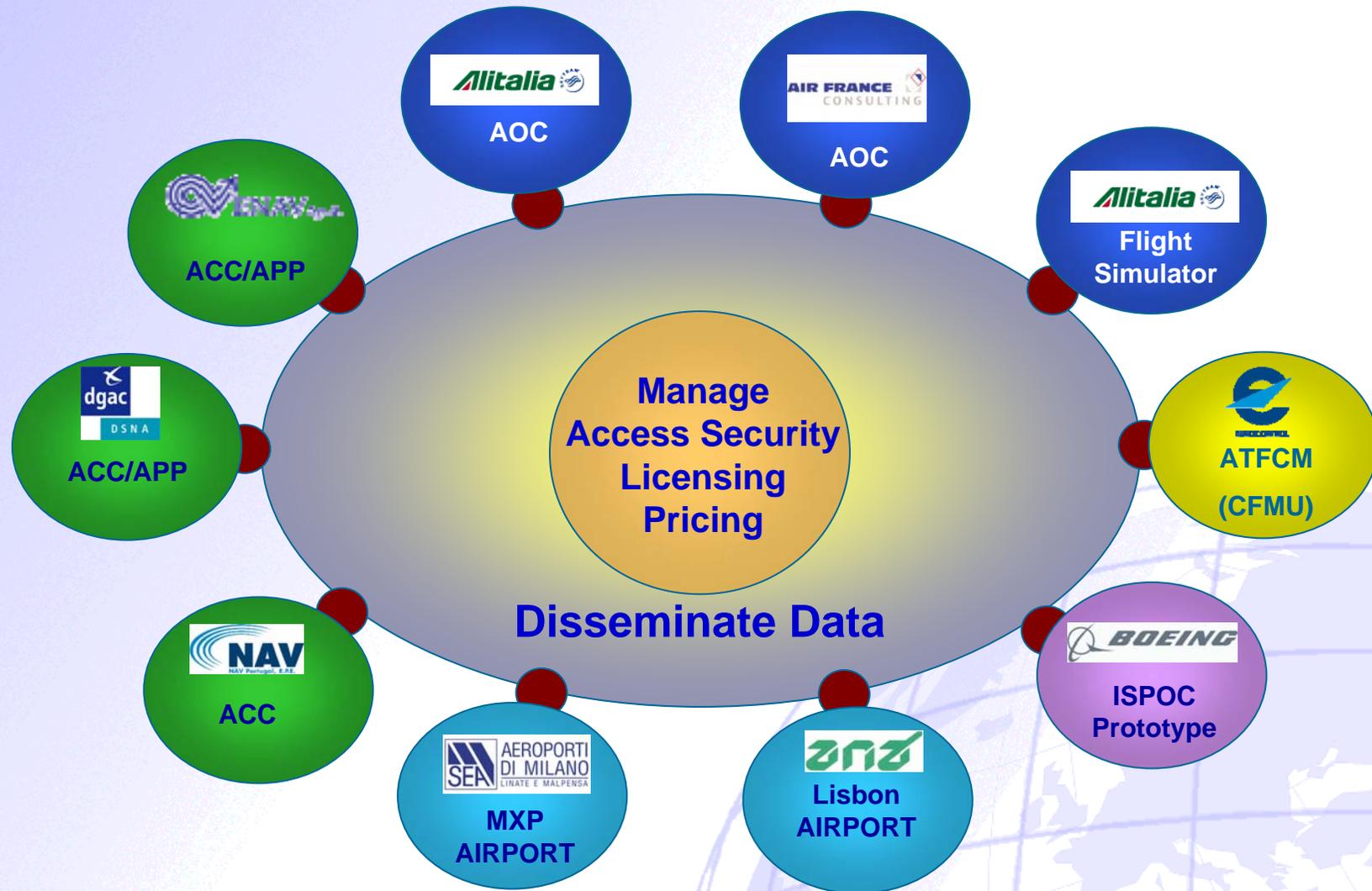


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SWIM-SUIT Prototype

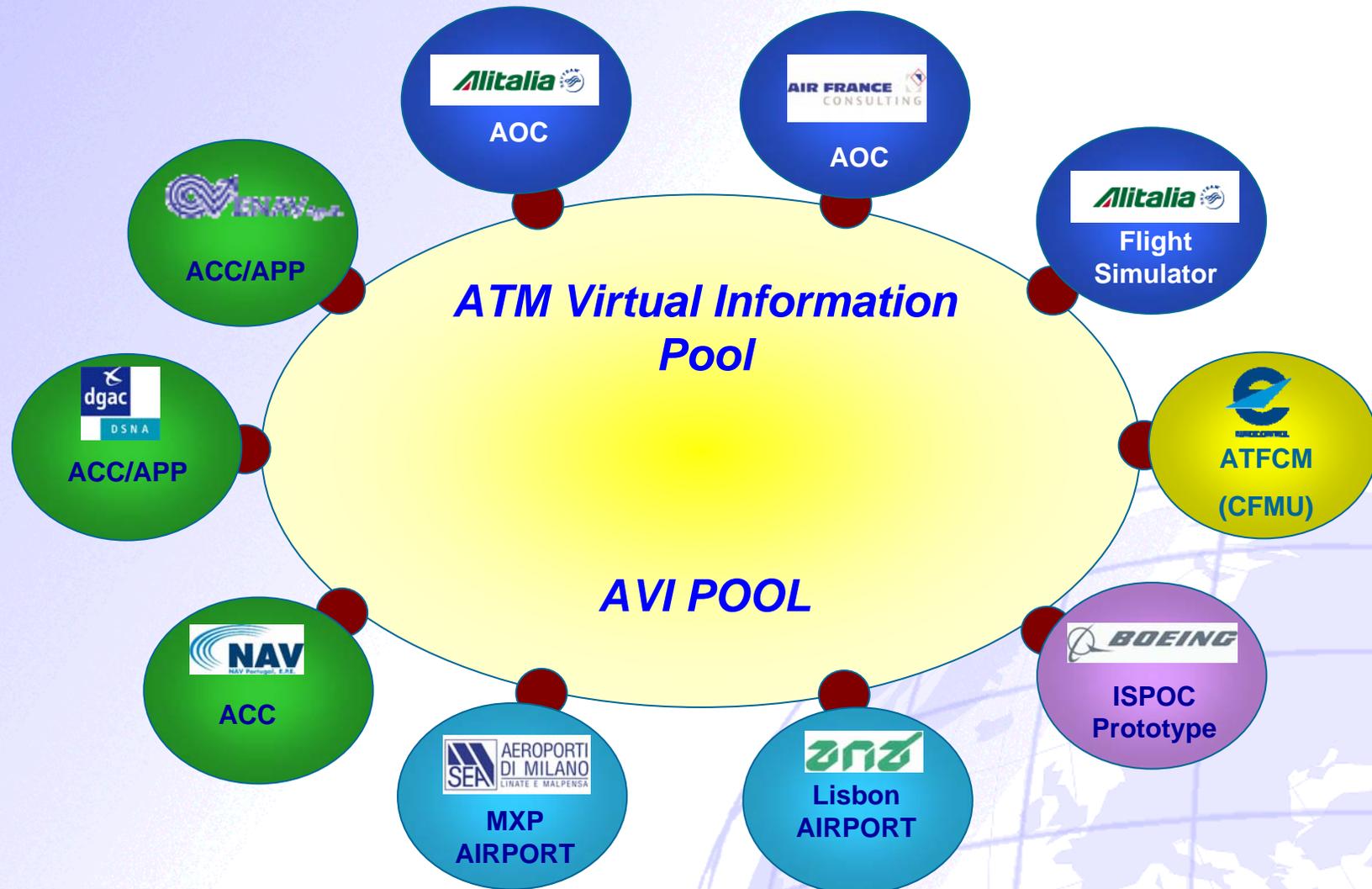


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SWIM-SUIT Prototype



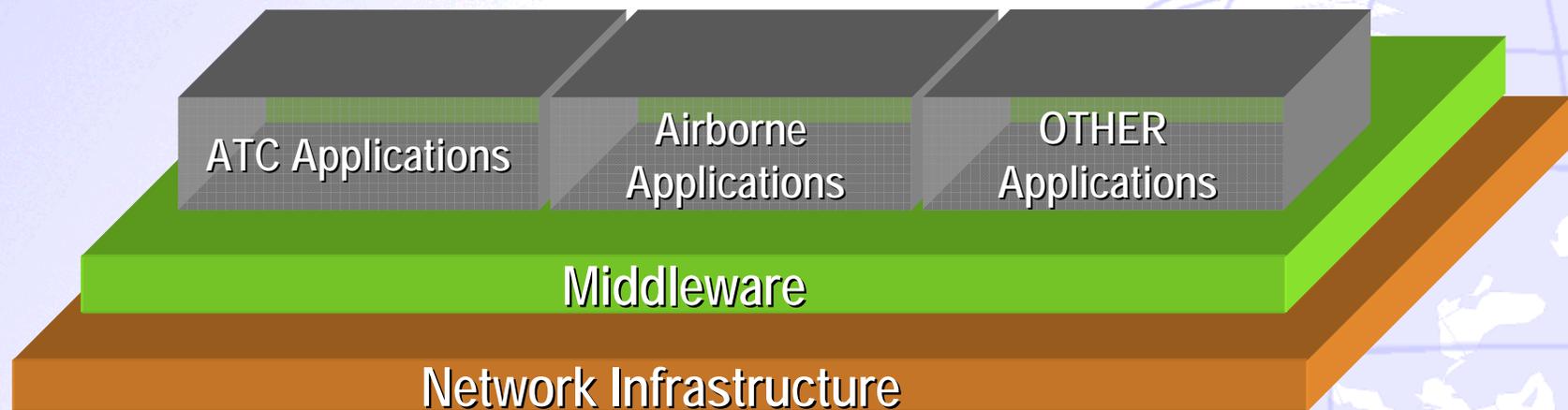
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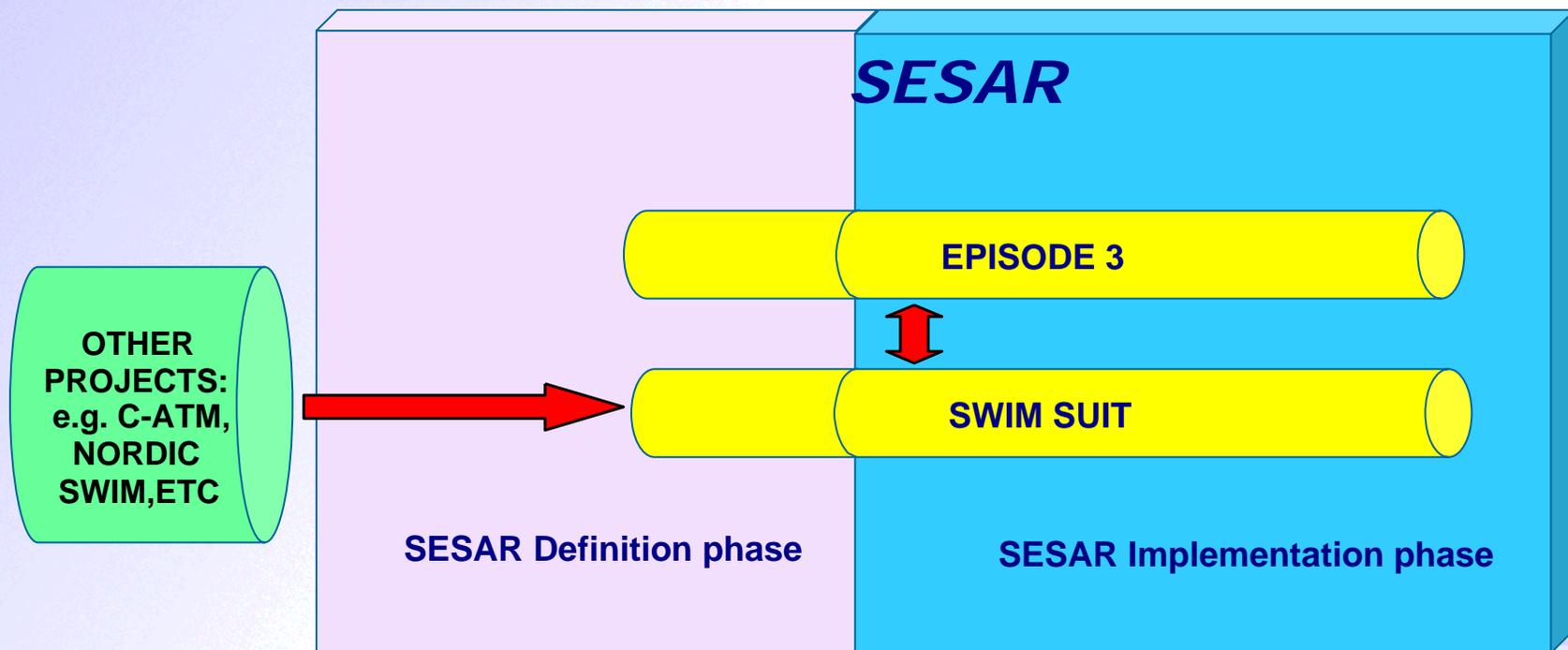
SWIM-SUIT Focus

- The Demonstrator will consider Middleware and Communication Architectural Layers
- SWIM-SUIT will not focus on:
 - Air/Ground Datalink issues
 - Operational Requirement Definition Activities



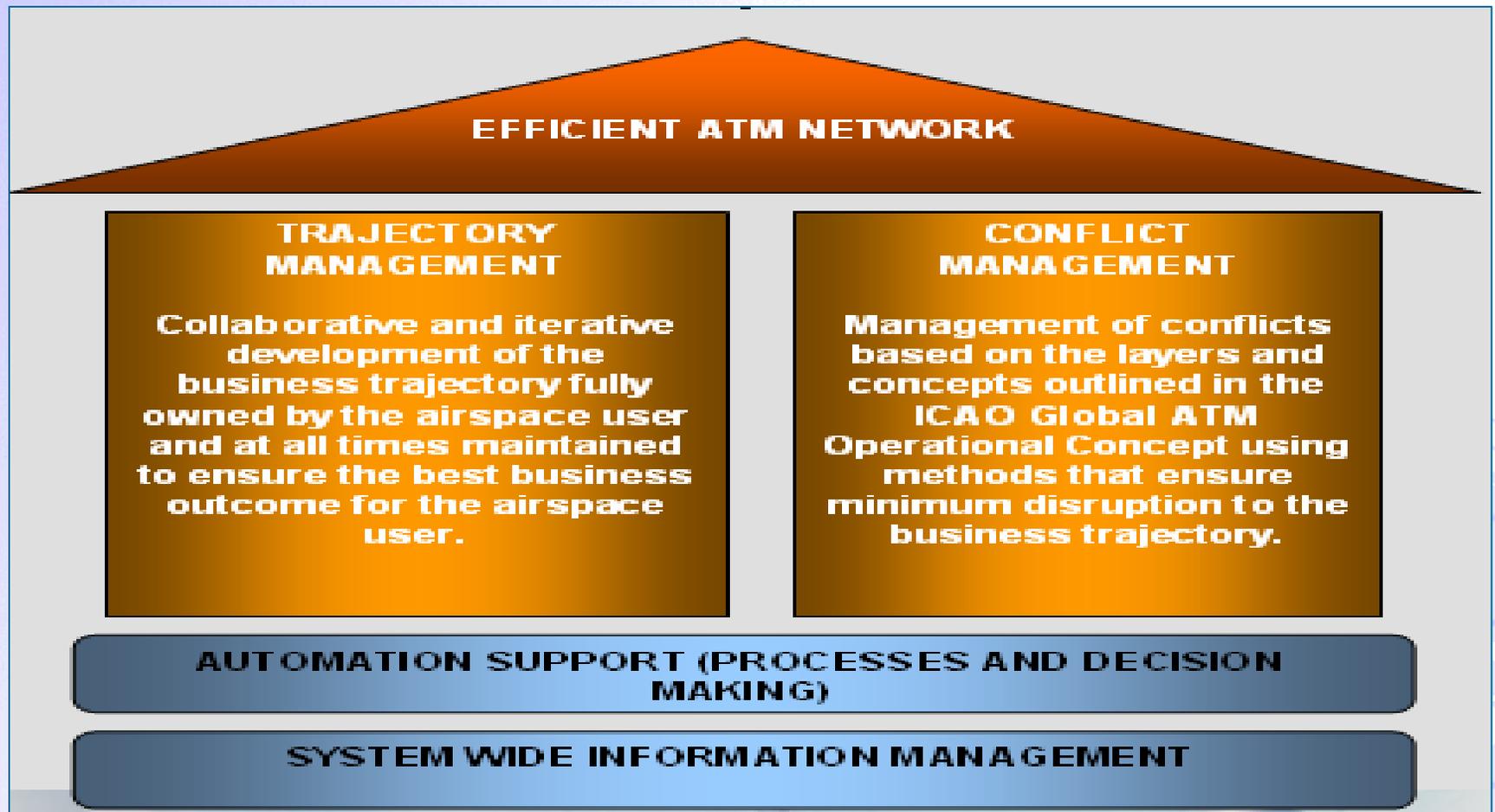


SESAR & 6FP: RELATIONSHIPS



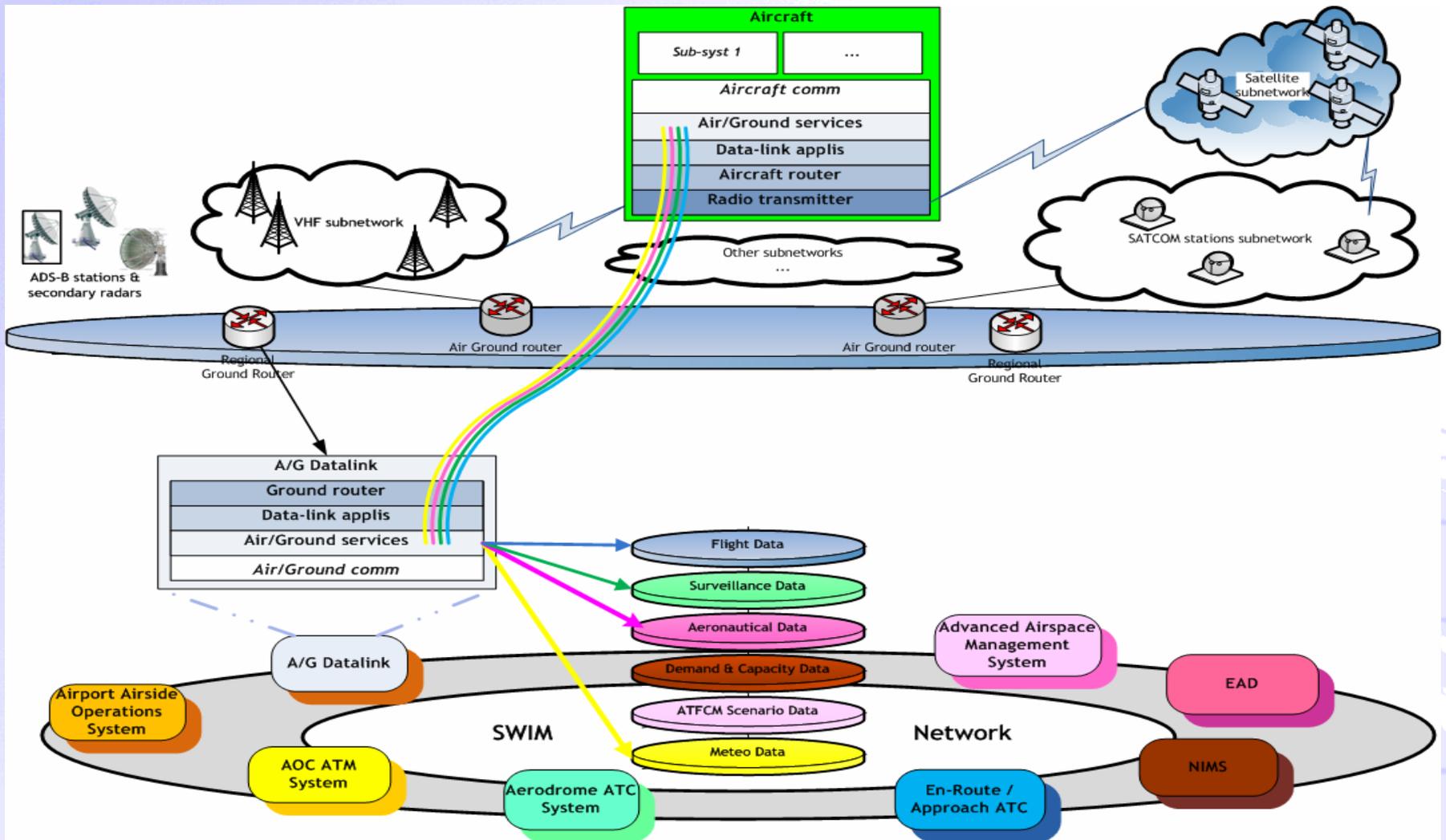


What does SESAR say about SWIM?





SESAR: Setting the Scene



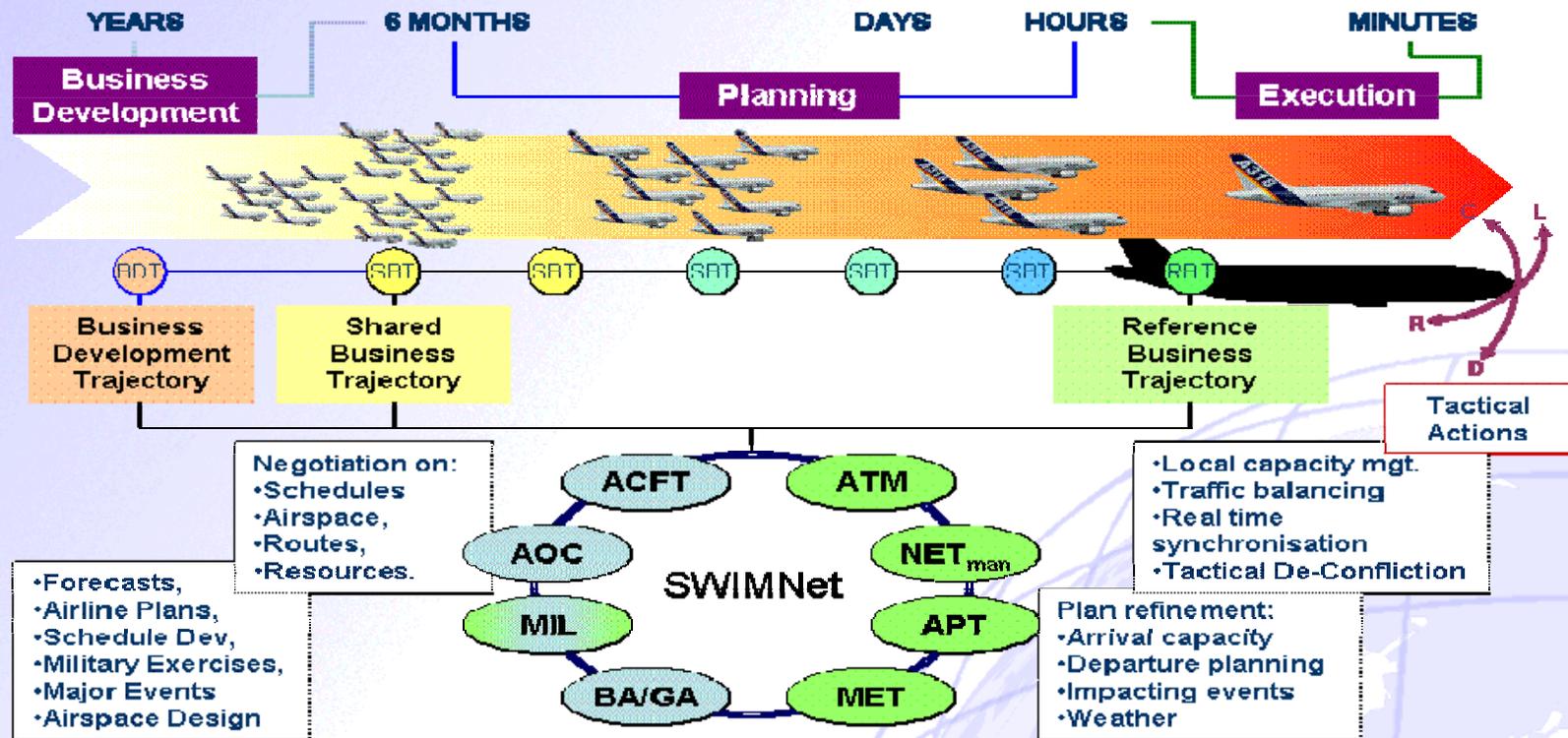
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SESAR: Setting the Scene

SESAR Conops





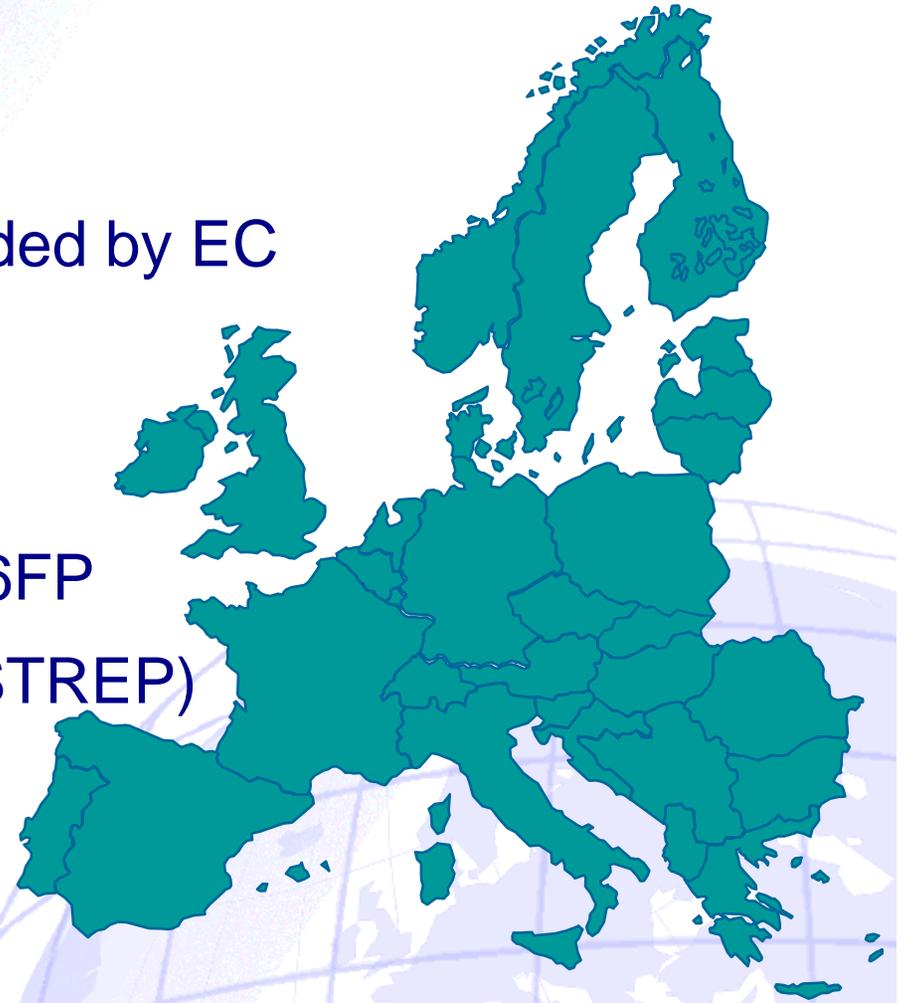
Project Details



- Budget:
 - 11,8 M€
 - 6,3 M€ funded by EC



- Call 4b of the 6FP
- RTD project (STREP)





Consortium Composition



FREQUENTIS



AIR FRANCE
CONSULTING

ALCATEL ALENIA SPACE
An Alcatel/Finmeccanica company

dgac
DSNA



SECTOR
A
Aviation-Defense Consultants,
Engineering, Representation



Alitalia

SEA
AEROPORTI
DI MILANO
LINATE E MALPENSA

SELEX
Communications



ADVANCED
RESOURCES
INGENHARIA ENFERMAGEM APLICADA SAUDE

NAV
NAV Personnel, ESR



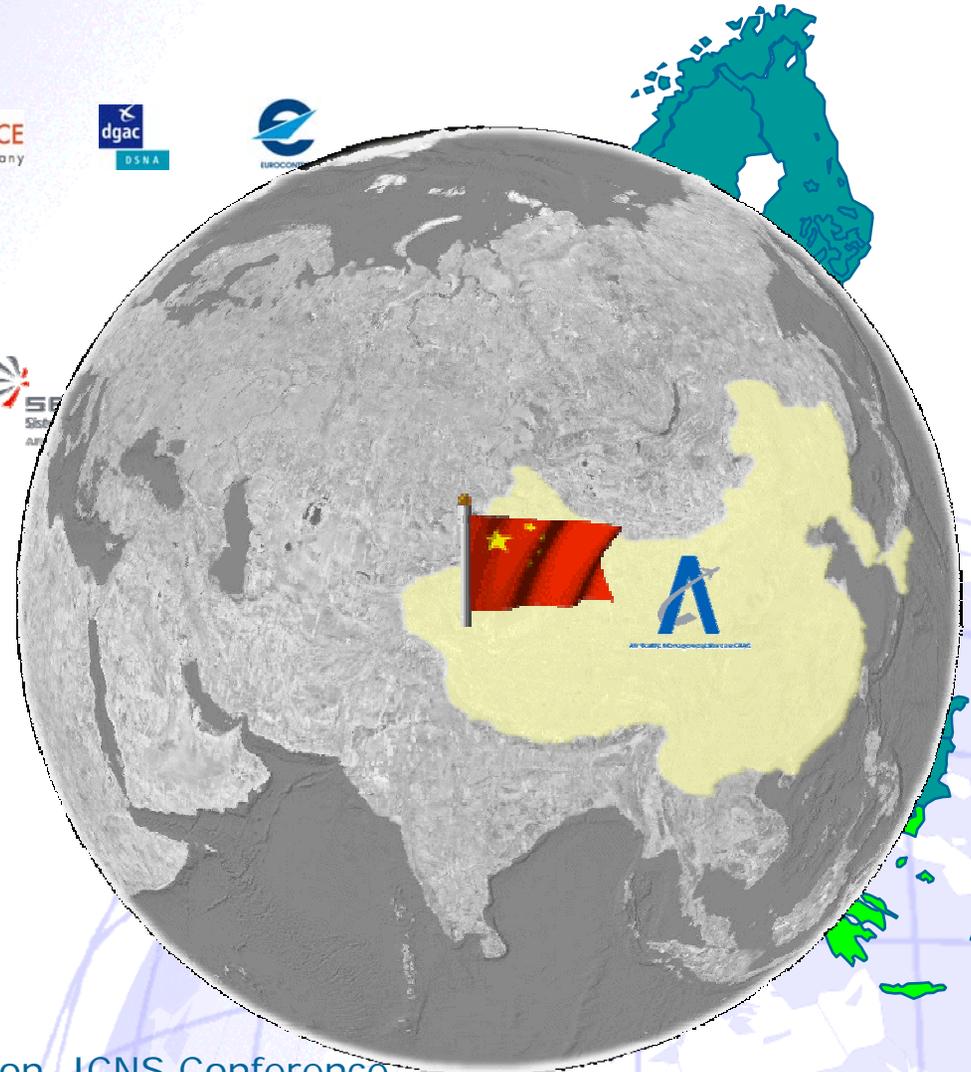
BOEING



JILINSKA UNIVERZITA
UNIVERSITAS SOLVENSIS



QinetiQ



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Consortium at a Glance

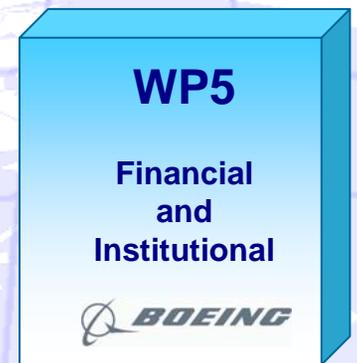
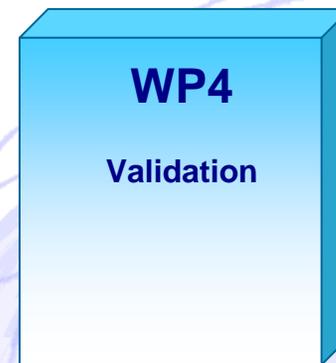
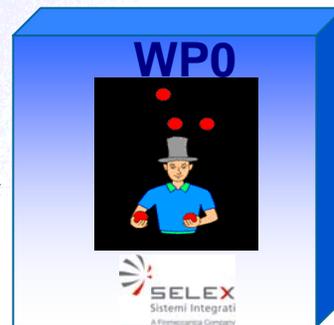
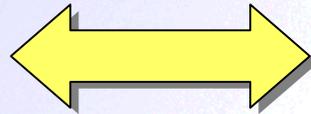


- 9 Countries
- 17 Partners
- 6 Industries
- 1 Airport Managing Company
- 2 Airlines
- 3 ANSPs
- 2 SMEs
- 2 Research Centres
- 1 University
- User Group
- External support from:





The Road to SWIM-SUIT: User Group





The Road to SWIM-SUIT: User Group

