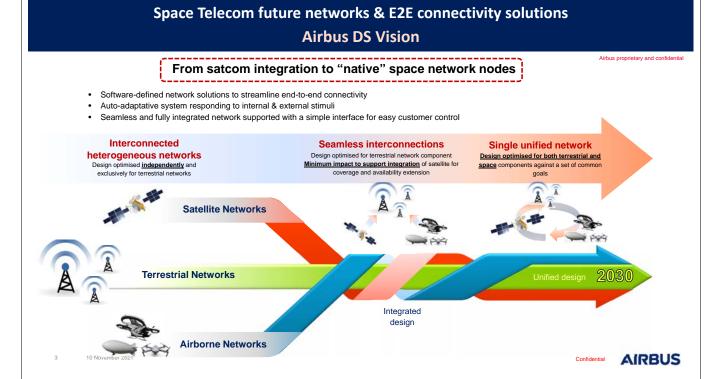


DEFENCE AND SPACE

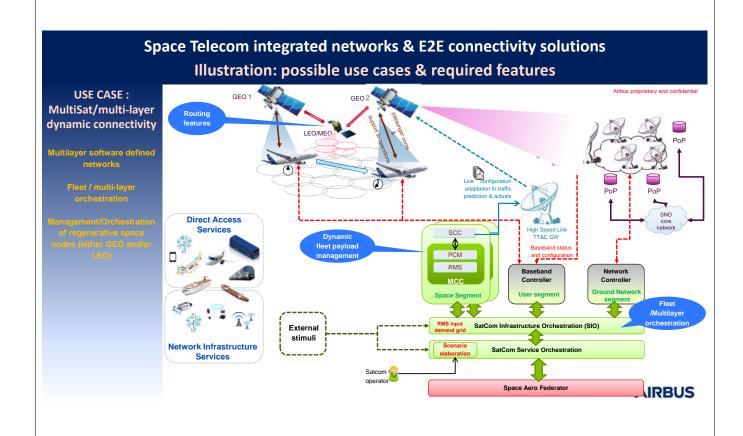
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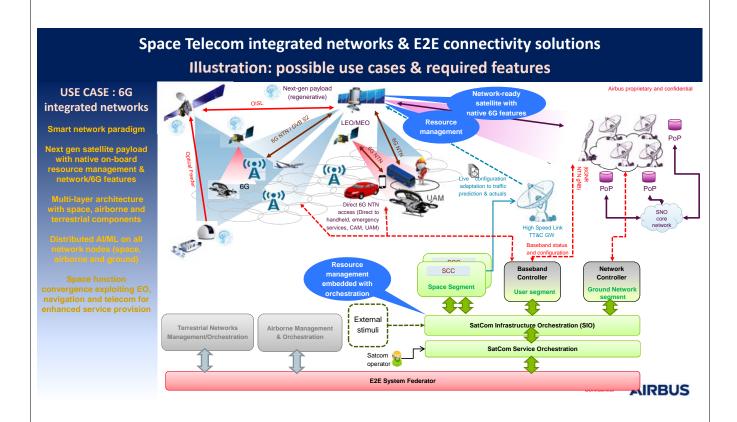


Space Telecom integrated networks & E2E connectivity solutions **Overview of Integrated Network Architecture Architecture** Multi-Layered 3D Network GEOs On-board GEOs Flexible **Topology** vision GEOs Flexible processed Multi-layer (Space + Airborne + Terrestrial) transparent GEO MEO/LEO Layer HAPS/Airborne Layer GEOs On-board regenerative Terrestrial Layer AI/ML-based automated and adaptive system Services RAN (L1 & L2) Optical Feeder links

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Space Telecom future networks & E2E connectivity solutions Technology pillars

Innovative Architectures

Pillar 1
Management & Orchestration
Protocols

RF technology
Optical technology

Artificial Intelligence and Machine Learning

Security

- Technologies for future space telecom systems under one roof
- Innovative multi-layer architectures to answer future E2E connectivity requirements
- Three structural pillars driving future systems design
- Transverse supporting technologies for cutting edge and robust solutions

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