



# Alliance 5G Industrielle

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COMMERCIAL AIRCRAFT

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HO Wireless & Industrial Connectivity

**AIRBUS**

# Key Airbus challenges and market trends

- **Sustainability & decarbonization**
  - Regulation & society
- **Market competition**
  - Boeing is back
  - New actors: COMAC, Embraer,...
- **Geopolitical situation**
  - Unstability & polarisation
  - Sovereignty & cybersecurity
- **Efficiency & Performance**
  - Orderbook +8600 A/C
  - Ramp-up deliveries : 1000 A/C in 2027

# 5G the game changer to boost our business



## Digital for Business growth:

- Enhance A/C connectivity in flight and on ground to develop new services
- 5G Non Terrestrial Network



## Digital for Sustainable future:

- 5G as a converging technology to replace several technologies
- Private 5G: keep control on the Data Lifecycle



## Digital for Sovereignty:

- Large ecosystem of European manufacturers

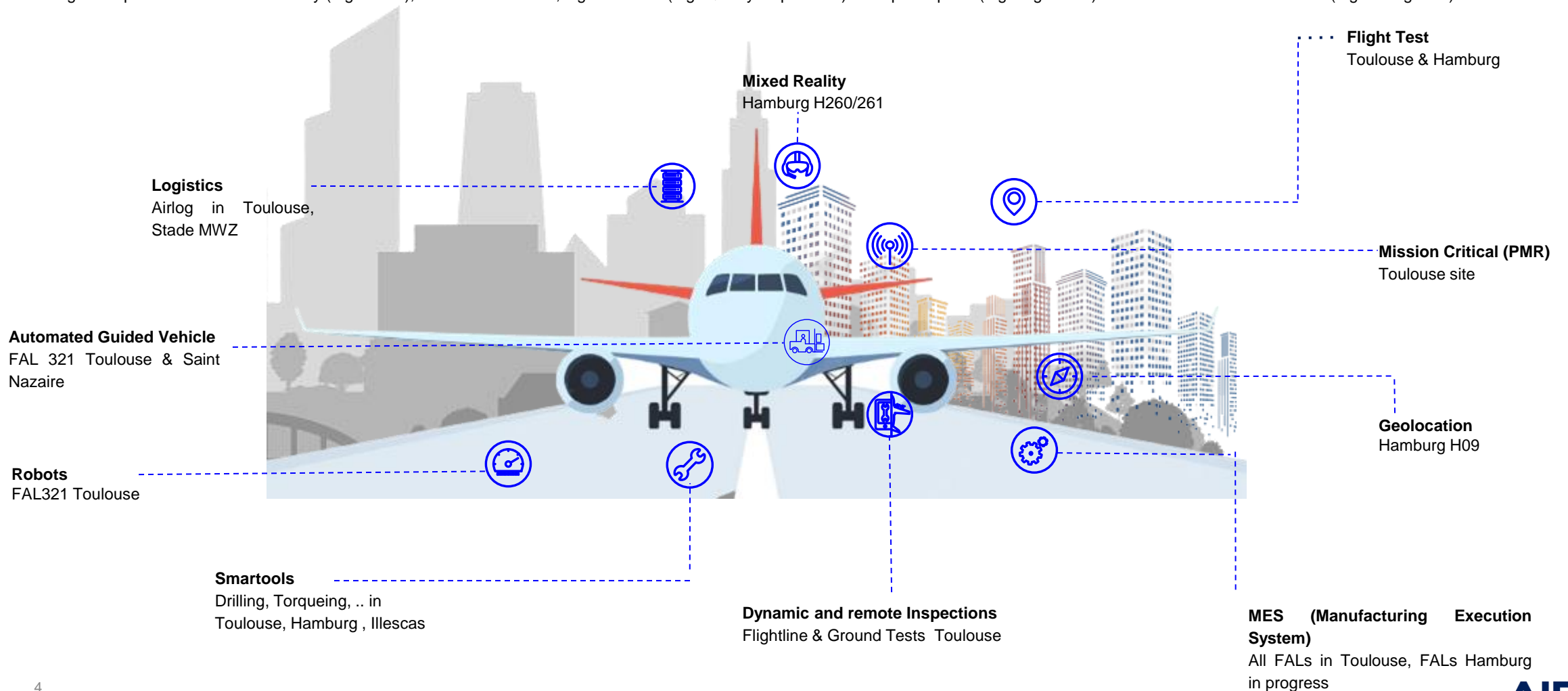


## Digital for Operational Excellence:

- Robustness vs WiFi in complex industrial environments
- Reliable Data driven decision making
- Robotics & automation

# Private 5G Use Cases

The solution supports a broad spectrum of Domains and devices. The main domains are Logistics, Manufacturing, Industrial, A/C and PMR. All of them require specific connectivity needs, which are roaming (e.g. LMTs), Edge Compute Ultra Low and Latency (e.g. AGVs), Indoor Localization, high downlink (e.g. Quality Inspections) and uplink speed (e.g. Flight Test) as well as a reliable connection (e.g. Firefighters)



**France :**

- FALs 100%
- Flightline
- Saint Nazaire 5th & 6th lines
- AIRLOG 1

Coming:

- Saint Eloi (Dec 2025)
- AIRLOG2 (2026)

**Germany :**

- FALs 50%
- Stade MWZ

Coming:

- Hamburg plant (2026)
- Stade (2026)
- Bremen (2026)
- PAG (2027)

**US (2026)**

**China (2027)**

**Canada (2027)**

**SPAIN :**

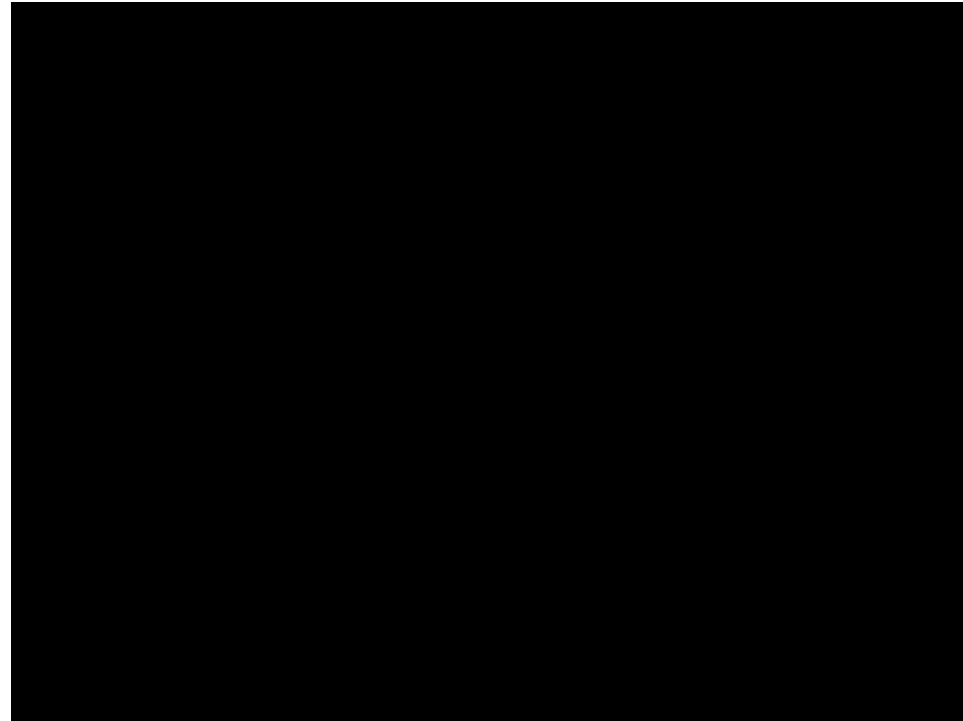
- Illescas Cargo

Coming:

- Illescas (Q1 2026)
- Getafe (Q2 2026)
- Cadiz ( Q1 2026)

**UK (2026)**

# The Airbus Private 5G Solution



# Next steps

- At scale deployment on all Airbus industrial sites : Germany, UK, Spain , US, Canada, China +DIV
- Enrich the number of use cases supported
- Continue to develop Ecosystem (HW and services)
- Deploy new capabilities around 5G (eSIM,like geoloc,...)
- Public and Private 5G infrastructure convergence
- Supply chain extension to (Make/buy ratio 20/80):
  - Sustain the ramp-up
  - Ensure digital continuity to feed Airbus data driven decision making





# Thank you

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