



Airbus Customer Services

Timo ECKARDT

HO TSP Business and Material Management

Supply chain and logistics

Airbus FHS

MRO Asia Pacific, September 2016

 **AIRBUS | FHS**
Flight Hour Services

 **AIRBUS**

Supply chain impact and evolution

Challenges



- + More reliable and expensive equipment
- + More sophisticated systems to maintain



- + New repair capabilities
- + Local repair network to be managed globally



- + Drop-shipment
- + Lean and integrated supply chain



- + Real-Time Health Monitoring
- + Engineering expertise

Trends

Pool concept

Inventory Optimisation

Partnerships

Customized network

Globalisation

Tracking

Supply chain benefiting from
Airbus FHS engineering
expertise and the entire
Airbus organisation

**Predictive
maintenance**

Inventory drivers to consider



New generation aircraft drives changes

Increased reliability



- Higher MTBUR/MTBF
- Fewer removals

More expensive parts



- Technologically advanced
- New systems

Pool Concept



- Guaranteed spares parts availability
- Reduced up front investment
- Advanced component engineering

Optimise supply chain via PTC software

- + Airbus FHS Pool Management department to make optimal decisions related to stock investment and location
- + Continuous network tracking and optimization





Repair impact on supply chain

Supply chain **actors** located **worldwide**

Local repair network to be managed globally



New repair capabilities

- + More repair facilities worldwide
- + Diversification of repair capabilities
- + Technologically advanced components requiring concentrated core competencies



Logistics



Lean and integrated supply chain

- + Airlines with tendency for non-optimized processes due to need for compromise between functions
- + Need for consolidated overview with clear accountability



Predictive maintenance on supply chain



Anticipate failure with **Real -Time Health Monitoring**

- + Airbus expertise saving troubleshooting time and anticipate cure for defect
- + Connect remotely and real time to any aircraft worldwide

