DIGITAL THREAD IN PRODUCT LIFECYCLE : OPERATIONS & MAINTENANCE

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Increase Fleet Availability at Less Cost
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DIGITAL THREAD IN PRODUCT LIFECYCLE
Closing the gap between OEM & Operators – Between Virtual & Real

VIRTUAL

- Maintenance service referential
- MRO contract performances
- Indicators in 3D context

REAL

- Big Data Investigation
- Data extraction & consolidation
- Prediction & Anomaly detection

Closed Loop Collaboration & Continuous Improvement for Service Operation and Fleet Availability
 DIGITAL THREAD IN PRODUCT LIFECYCLE
Virtual Twin Experience Strategy

**Service Oriented Design & Data Driven Operations**
- Improving equipment reliability
- Improving Service Margin

**Lean Execution**
- Improving execution efficiency
- Synchronizing Logistics

**Optimized Maintenance planning**
- Reducing Level of Spare Parts Stocks
- Synchronized Resources

**MODEL BASED TECHNICAL DATA EXPERIENCE**

**SERVICE-ORIENTED DESIGN**

**DATA EXPERIENCE DRIVEN INNOVATION**

**REAL WORLD EVIDENCE OPERATIONS**

**LEAN MRO EXECUTION**

**OPTIMIZED MAINTENANCE PLANNING**
DIGITAL THREAD IN PRODUCT LIFECYCLE
Addressing Business Objectives & Benefits through Business Transformation

$ New Profitable Service Business

Increase Business
New Service Opportunities

$ Multi echelon Spares Management

Reduce
Inventory

Predictive Maintenance

Optimize
Maintenance

Virtual & Real Execution

Faster
Execution

3D Printing

Lean
Obsolescence Management

Web centric Data Platform for All

Data Access
Throughout Value Network

BUSINESS MANAGEMENT PLATFORM

INTEGRATED SPARE PARTS AND MAINTENANCE PLANNING

BUSINESS ANALYTICS PLATFORM

DIGITAL CONTINUITY TROUGHOUT MRO

ON DEMAND AT ANY PLACE

3DEXPERIENCE PLATFORM

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SUPPORT & SERVICE ENGINEERING
Increased Service Efficiency with Integrated Logistic Support Engineering

Gain in Efficiency

- Decrease Service Lead time
- Improve Right First Time
- Increase cross Service Domain Collaboration Efficiency

Gain in Accuracy

- Increase Service Plan confidence and quality
- Increase digital dataset completeness and consistence
- Reduce late & costly modifications to meet Service Engineering target KPIs
SERVICE ANALYTICS & PREDICTION

Closing the Gap between OEM & Operator – Between Virtual & Real