Commercial Aerospace PHM/IVHM
Ken Nishiwaki, ANA, Japan
Our Company: All Nippon Airways

- Japan based Airline
- Connects 19 Countries / 42 Cities
- a Star Alliance Member
- Awarded SKYTRAX 5 STAR AIRLINE
Data generated in the Aviation Industry

B787 generates 2.5 times more data compared to legacy fleets

- Sensor data
- Maintenance data
- Flight data
- Weather data
- Pollution data etc…

PHM

© 2017 All Nippon Airways Engineering & Maintenance Center
How PHM can change the industry

NO MORE SCHEDULE INTERRUPTIONS

OPTIMIZED INVENTORY AND HUMAN RESOURCE
Outlook of New World

Data Collection
- FLT Data
- Sensor Data
- Maintenance Data
- OEM Data
- Parts Inventory Data
- Etc ....

Data Integration
- New Data Platform

Data Analytics & Utilization
- Report by one-click
- Preventive Maintenance (PHM)
- Resource Optimization
- Paperless Aircraft Operation (by IATA)