

A large jet engine is mounted on a production line in a factory. A technician in a blue uniform is kneeling on the floor, working on the engine. The background shows a large industrial facility with various tools and equipment.

- workshop **Predictive Maintenance in the Aerospace Industry**

Welcome by Paul Chün

Location: KLM Engineering & Maintenance Schiphol -east

29-03-2022

Royal Dutch Airlines



Safety

- Evacuation signal
- Escape routes
- Follow instruction of KLM "BHV" staff (yellow vests)
- Emergency assembly points
- Schiphol - East is a No smoking location





- Welcome at KLM Engineering & Maintenance
- Paul Chün
- Throwing pebbles in the pond of discussion

How the Journey started



“Parts do not speak, but they have a lot to tell”

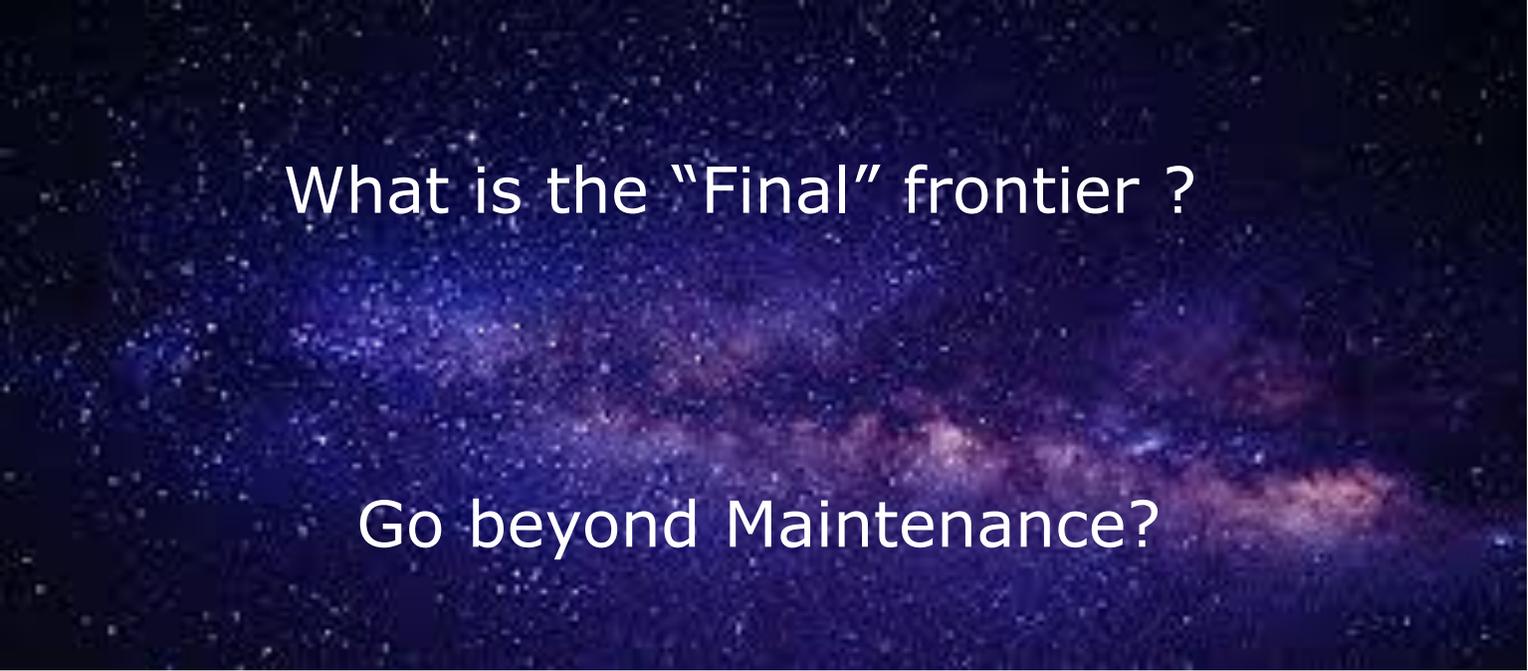
Resulting in:

- Improved Flight Safety
- Improved Availability
- Reduced cost & downtime

- Condition monitoring
 - early detection of defects
- Understanding failure
- Predictive maintenance



- Improved Sensor technology
- Smart work-scoping for maintenance action
- Close the Loop by incorporating “shop level” maintenance data
- Operation optimisation



What is the “Final” frontier ?

Go beyond Maintenance?

- Active improve of condition
- Predictive sustainable operations
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Enjoy your Workshop