

Predictive Maintenance: Sensors, Drives and Verification Software for improving quality

Overview

Precision and quality are crucial since aerospace components are by their very nature expensive and high-risk. When it is operating, any damage to these components will be lethal. Risk can be reduced by foreseeing issues before they arise and taking appropriate action (Predictive).

In digitalization, the manufacturing and maintenance of components will be improvised with sensor-equipped turning adaptors and driven tool holders to improve predictive maintenance and metal cutting efficiency. During this process, the real-time data of temperature, vibration and tool load will be shared via Bluetooth to monitor the process the improve overall efficiency. Smart verification software are used for verification.

Features

- Sensor driven operation
- Verification Software
- Real-time data sharing

