

# Success Story



## Management of Turbine Test Data with Peak Test Data Manager

### at a leading Aircraft Turbine Manufacturer

A leading aircraft turbine manufacturer faced multiple challenges in managing test data efficiently.

#### Challenge:

- **Complex Test Environment:** Extensive measurement data from diverse test systems.
- **Data Inconsistency:** Varying data formats hinders efficient data integration.
- **Time-Consuming Data Retrieval:** Engineers struggle to find relevant historical test data.
- **Limited Data Traceability:** Lack of structured metadata complicates test result analysis.

# The Solution: Peak Test Data Manager

To address these challenges, the company implemented **Peak Test Data Manager** based on the **ASAM ODS standard**, offering:

- **Centralized Data Repository:** All test data is stored in a structured, standardized system for easier access and retrieval.
- **Automated Metadata Capture:** Ensuring comprehensive data documentation across all test stages.
- **Enhanced Data Search Capabilities:** Powerful search tools enable engineers to locate relevant data quickly.
- **Flexible Data Integration:** Smooth integration with existing test environments and data analysis tools.

## Key Benefits & Business Impact

- **Improved Efficiency:** Faster data retrieval and streamlined test workflows reduces engineering effort.
- **Enhanced Data Quality:** Standardized metadata ensure better data consistency and reliability.
- **Increased Traceability:** Comprehensive metadata structures improve data traceability across multiple projects.
- **Future-Proof Solution:** ASAM ODS compatibility enabled easy integration with advanced technologies like Big Data and AI.

## Why Peak Solution?

- **Industry Expertise:** Proven track record with ASAM ODS-based data management solutions.
- **Flexible and Scalable Solutions:** Adaptable architecture that grows with evolving business needs.
- **Innovative Technology:** Advanced tools that support AI, Big Data, and cloud integration.
- **Customer-Centric Approach:** Tailored solution based on mature industry standards.

More information  
[www.peak-solution.de](http://www.peak-solution.de)

