

Success Story



Streamlined Test Lab Management in Engine and Powertrain Development

at a Chinese Automotive OEM

As test volumes grew, a leading Chinese car manufacturer faced increasing complexity in managing its test lab operations.

Challenge:

- **Inconsistent Planning Processes:** Planning test activities with isolated tools lead to misalignments and scheduling conflicts.
- **Resource Bottlenecks:** Limited transparency over test benches, instruments, and personnel availability hampers efficiency.
- **Manual Documentation:** Paper-based planning and reporting slow down workflows and increase error rates.
- **Limited Collaboration:** Lack of centralized access to planning data hinders coordination across departments.

The Solution: Peak Test Management Suite

To modernize its operations, the OEM implemented Peak Test Management Suite with the following benefits:

- **Centralized Planning Hub:** All test projects, resources, and timelines are managed in a unified, web-based system.
- **Real-Time Resource Visibility:** Engineers gain instant insight into the availability and utilization of test lab assets.
- **Standardized Workflows:** Test orders, approvals, and reports follow defined digital processes.
- **Integrated Communication:** All stakeholders collaborate using a shared platform, reducing delays and miscommunication.

Key Benefits & Business Impact

- **Increased Throughput:** Improved coordination enables more tests to be conducted in less time.
- **Optimized Resource Usage:** Better scheduling reduces idle time and minimize test stand conflicts.
- **Improved Data Consistency:** Standard templates and structured input ensure reliable planning and documentation.
- **Faster Time-to-Market:** Efficient lab operations accelerate development and reduce project delays.

Why Peak Solution?

- **Deep Domain Know-How:** Extensive experience in test lab management and automotive testing processes.
- **Custom-Fit Solution:** Peak's flexible platform comprehensively covers the specific organizational and technical requirements.
- **Fast Implementation:** Proven components enable quick rollout with minimal project risks.
- **Future-Ready:** Open interfaces and a scalable architecture support long-term growth and digital transformation.

More information
www.peak-solution.de

