About Peak Solution

Peak Solution is a leading provider of software solutions for automotive testing. Our solutions allow complex test processes to be transparently organized and efficiently managed. Automobile manufacturers and suppliers use our tools for conflict-free test planning, global controlling of test tasks and standardized storage of measurement data. The applications are based on state-of-the-art information technology, open industry standards and powerful product platforms. Peak Solution is an active member of ASAM e.V. and the Eclipse openMDM® Working Group, where we have been responsible for the international standardization of data formats, interfaces and software frameworks for many years. Peak Solution's headquarter is located in Nuremberg, Germany. From here, we conduct our international operations. A subsidiary in China and local partners in Japan and USA guarantee the necessary proximity to our customers outside of Europe.

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PEAK SOLUTION
Test & Measurement Data Management

Test Management in a connected world

PEAK TEST MANAGEMENT SUITE

Peak Test Management Suite (Peak TMS) enables you to transparently plan and control all your test activities and resources in your test labs -globally

Why Peak Test Management Suite (PeakTMS)

It is becoming more and more difficult for test field managers to meet the development engineers´ requirements for a flexible and punctual test processing. At the same time the test field managers have to achieve a high utilization of the available, cost-intensive test resources. The challenge is the strongly increasing number and variety of test requests as well as manifold test resources which have to be linked to one another in a complex network of tasks. With solutions based on office products such as Excel, Outlook or Access, this complexity can hardly be managed.

Peak Solution's answer to this increasing complexity is the Peak Test Management Suite. This is an integrated, adaptable and scalable platform for standardizing and automating validation processes. The solution features the efficient management of all activities and data related to test requests, test equipment and test objects.
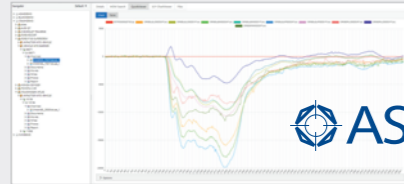
Added value for your testing activities

- **Standardize your test process**
  Test templates and a highly customizable status engine ensure that everybody in your organization follows the right test process.

- **Gain test transparancy**
  PeakTMS ensures that all information for the daily tasks is available to the team members of your test department.

- **Lower your operational costs**
  By avoiding duplicated work, redundant data entry and errors in the test execution, the efficiency of your test laboratory is significantly increased.

- **Optimize the resource utilization**
  PeakTMS will help to increase the resource utilization by its user-friendly and intelligent planning module.

- **Get more out of your test data**
  Together with Peak Test Data Manager, PeakTMS will enable a seamless and standardized test data management.

- **Connect your test labs**
  All test departments of you organization share one installation, worldwide.

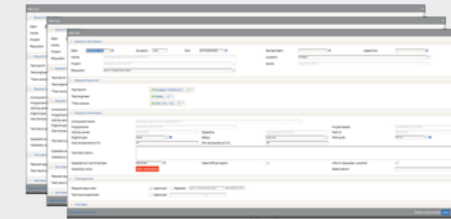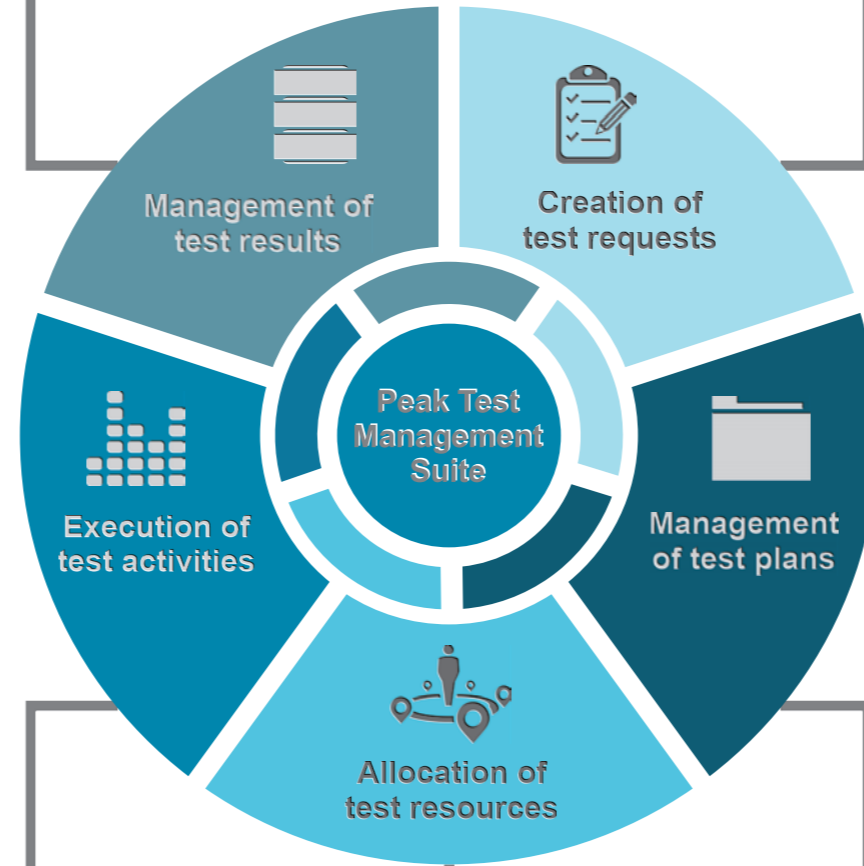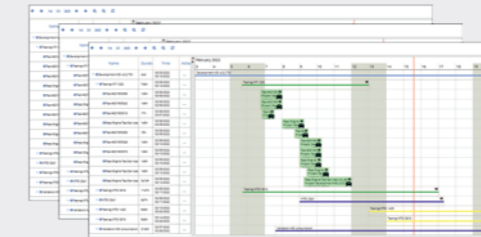**PeakTMS makes it possible** to automatically upload all the test data from thetest benches and link it to the test request. For the comprehensive documentation of tests, PeakTMS can be seamlessly integrated with openMDM based systems, such as **Peak Test Data Manager**. The test data can be accessed with any **ASAM ODS**-compliant analysis tool.

PeakTMS helps the test technicians to fill in all relevant data to the execution of tests and attach additional files. A **REST API** allows for the integration with test control systems, e.g. to transfer relevant test parameters to the test automation system or synchronize the status of the execution with the **PeakTMS Test Monitor**.

Peak Test Management Suite

- Management of test results
- Creation of test requests
- Management of test plans
- Allocation of test resources
- Execution of test activities

PeakTMS provides users with a flexible extendable catalogue of templates for describing tests and any other activities in a test lab. All forms can be designed and validated using the integrated **rule engine**. Test approval processes are modeled and controlled using the PeakTMS **status engine**.

The planning module allows creating design verification plans and planning test projects, test series, tests or single test related task. Test activities can be first planned roughly and later gradually detailed as the real test data approaches.

Resource calendars allow the scheduling of all necessary test resources, such as test samples, test benches, mobile equipment or technical staff. PeakTMS supports the resource planner to assign all test resources conflict-free and to optimize the utilization of the resources (e.g. test benches)

PEAK TEST MANAGEMENT SUITE

There are many features which make Peak Test Management Suite (PeakTMS) the market leader in automotive test field management. Here there are a few of them:

Web based
Use our convenient web application from anywhere.

Expert client
Use the expert client for even more additional editing operations like bulk editing tests and resources, advanced planning calendars and many more features.

Rest API
Integrate PeakTMS into your overall IT environment by accessing all relevant business objects via the additional Rest API.
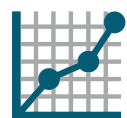
Security
Control the access to relevant data and functions with the PeakTMS user and right module and integrate the authentication into your overall concept by using diverse authentication plugins.
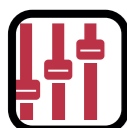
Notification
Notify stakeholders of updates and necessary actions via email using the PeakTMS message templates.

Key Performance Indicators
Create and track metrics on utilization and throughput times and access them with BI tools like MS Excel, Power BI Tableau and any other.

Control
Control the progress of the test process with the test resource monitor, updated project plans and customizable notification templates.

SELECTED FEATURES

Standardize your test data management
Synchronize all test planning information into your ASAM ODS database to have a good base of meta data for linking with measured data.

Validate your test requests
Using the rules engine extensions, administrators can write their own scripts to validate or calculate data inputs.

Virtualize your software
All PeakTMS modules are available as docker images and can be used for evaluation as well as for productive use.

SaaS
Use our software either on premise or leave all the technical details to us and just enjoy our trouble free hosted version with pay per use.

Think big start small
PeakTMS is perfect for starting on a small scale (e.g. team level) and then gradually roll it out on department, company or global level as the application model can be infinitely extended through administration.

Curious? Get your free trial!

Do not hesitate to get your free trial. We will provide you with your personal trial version within one working day - hosted in the cloud.

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