

The Smart Software for All Testing Tasks

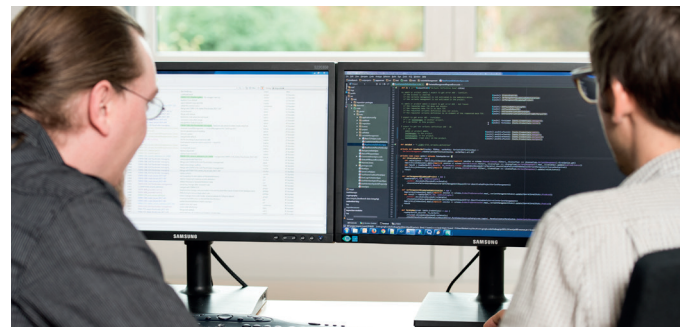
Test Planning



Test Design



Test Automation



Test Execution  
and Reporting





## The Smart Software for All Testing Tasks

### **Rapidly develop and efficiently execute software tests – it's no problem with the TestBench:**

The TestBench is a professional working environment and test management solution for all phases of the testing process – from planning and design of the tests to their automation and execution and on to the reporting.

Using the TestBench makes tests modular, maintainable and reusable. Test procedures can be put together quickly and easily by drag & drop from predefined test components.

If product requirements change, partly or across the board, the TestBench identifies this and immediately shows the user which test cases are affected and will have to be adapted. Testing tasks can be distributed and coordinated with just a few mouse clicks, within and between teams, even when the work is distributed globally. Test procedures and test results are reliably documented, and even stringent requirements for documentation and traceability, right up to electronic signatures for test protocols, can be fulfilled with the minimum of effort.

### **Start Straight Away – Without High Investment Costs**

The TestBench licence model is a rental model within which the number of licences rented can be flexibly adapted to the current project requirements. The rental price includes basic support as well as all updates and upgrades. Additionally, the TestBench is also available as a cloud solution, stored on protected infrastructure in Germany.

The TestBench package is rounded off by individual customising, compact product training courses, professional implementation support and competent product support.



All TestBench-Functions – including  
as Software as a Service Solution in the imbus Cloud





## Tool Support for the Test of Systems with many Variants

**If you have to test software products, which exist in different variations, the TestBench offers you comfortable support from now on.**

By means of the variant test in the TestBench, you are able to highlight and distinguish your test cases according to basic functionality (common to all variants) and variant-specific functionality.

Whether you want to examine common functionalities or just extra functions of specific variants: With the corresponding marker, the TestBench selects reliably and at the touch of a button the right test cases for the particular product variant.

Thereby, the test data necessary for the test procedure vary variant-specifically. Thus for each variant, specific test data sets can be defined, which, depending on the variant, can be inserted properly by the TestBench during derivation of the tests.

Common functionalities do not have to be fully tested in every variant.

You Decide – or Don't:  
the Variant Test Makes it Possible

# Work in Agile Teams

## Agile Process: No Problem with TestBench

**In agile teams, a streamlined approach is required in all phases of software development.**

Nothing needs to be “invented” repeatedly. Only useful information is documented.

The test automation function is of significant value. Tasks are not assigned to fixed roles but completed as a team.

At first glance, test management and structured test design don’t seem to fit this approach.

The structured process in TestBench for documenting tests provides a good overview of the existing tests. Reusing the tests is automatically supported and so nothing has to be done more than once. For example, by allocating tests to user stories during a sprint and later relabeling the same test for a regression test, teams are able to use tests, created once, in different phases of product development in a goal-oriented and purposeful way.

The use of state-of-the-art technologies, such as keyword-driven test design, ensures a suitable level of documentation that can be reduced to individual keywords without harming quality. At the same time, this process supports a high degree of automation. In this case, long test sequences are not fully automated, but rather test step by test step. Even the required test data can be determined separately and used within the automation. The steps and the test data can then easily be reused in other test procedures. Existing automated tests are therefore reused extensively. This reuse is the key factor in the test automatization being able to keep pace with development and for methods, such as test-driven development, including at the level of system and acceptance tests, becoming possible at all.

Of course, the status model in the TestBench allows any abbreviations desired. The roles and rights models support the team, simply because there is no clearly defined division of roles.

The adaptation of a test project to sprints and the usual processes and methods in an agile development project complete the picture.



Agile Testing -  
Work with State-of-the-Art Technologies

# Test Management Experience

## 20 Years of Test Management Experience are Reflected in Every Aspect of the TestBench!

- **Provides fundamental support for all tasks in software testing**  
Test planning, test design, test automation, test execution and reporting
- **Fully integratable in your test system landscape**  
Allows integration of several requirements management systems and a defect management system into a project
- **Rapid deployment thanks to various test description methods**  
(From simple to highly professional, for manual and automated tests)
- **Especially efficient for test design and test specification**  
Through reuse of data and test steps (interaction methods) and separation of test descriptions and test data
- **Convenient for test planning and control**  
Thanks to the versatile options for evaluations and process depiction
- **Easily understandable for all testers**  
Thanks to the deployment of the integrated test execution assistant iTORX
- **Flexible learning options resulting from the modular set-up and the roles model**  
(For every role there is an extra instruction unit to facilitate rapid and optimised familiarisation)
- **100% comprehensible and audit-compliant regarding test results**  
Thanks to integrated version and configuration management
- **Flexibility in automated test execution**  
Achieved by deploying any number of test automation tools
- **Easily extended by additional modules**  
Testing intelligence, electronic signature, test evaluation and model-based testing
- **Extremely good value for money using the renting model**  
Start straight away without high investments costs

TestBench Allows You to Concentrate on  
what is Truly Important for Your Company





**imbus AG**

Kleinseebacher Str. 9  
91096 Moehrendorf  
GERMANY  
Phone +49 9131 7518-0  
Fax +49 9131 7518-50

**Other locations:**

**imbus AG**

Balanstr. 73 // Bldg 21a  
81541 Munich  
GERMANY  
Phone +49 89 3219909-0

**imbus AG**

Rathausallee 70  
22846 Norderstedt  
GERMANY  
Phone +49 40 3085426-0

**imbus Rhein-Main GmbH**

Kirschgartenstr. 15  
65719 Hofheim  
GERMANY  
Phone +49 6192 92192-0

**imbus Rheinland GmbH**

Maternusstraße 44  
50996 Cologne  
GERMANY  
Phone +49 221 998788-0

**imbus Shanghai IT Co., Ltd.**

Shanghai 201203  
P.R.CHINA  
[www.imbus.cn](http://www.imbus.cn)

**imbus Tunisia SARL**

4000 Sousse  
TUNISIA  
[www.imbus.tn](http://www.imbus.tn)

[info@imbus.de](mailto:info@imbus.de)  
[www.imbus.de](http://www.imbus.de)