



*driving **your** success*

*How 7 layers can help speed up your
market access*



*uniquely organized test projects
for the most efficient wireless communications product launches*



*Speed up your test projects with 7 layers,
the largest global network of test facilities for
wireless communications*

7 layers' Market Access Services cover qualification, certification and regulatory aspects for manufacturers of wireless communications products, design houses, manufacturers of chip-sets, protocol stacks, reference designs etc. as well as for developers of mobile applications.

Our customers benefit from a network of test and service centers in Europe, America and Asia. 7 layers is the only organization in the world offering such a wide range of accredited test facilities for wireless communications.

All these centers are operated according to the same high level of quality, and all test processes are handled in the same efficient way. It is easily possible to combine the market access services of different 7 layers test and service centers with one another, thus enabling you to speed up your test processes and take advantage of local knowledge.

Our highly experienced international staff are also engaged in the development of new communications technologies. Therefore 7 layers is always in a position to provide you with the most advanced technology know-how for your test projects.

We are also able to share valuable information and insight with you, resulting from our participation in all the major committees concerned with the development of wireless technologies, for example 3GPP, ETSI, Bluetooth SIG, PTCRB, PVG, GCF, GSM Association, IEEE.



Our uniquely organized test procedures ensure highly efficient product launches

Our unique InterLab® laboratories are able to guarantee you the fastest possible process from test plan generation, via testing to test report generation.

They are organized using the unique InterLab® system for fast and reliable testing, which enables us to provide you with the best service possible.

After the initial notification of your requirements and product specifications, we can immediately provide you with an automatically generated test plan which guarantees that no unnecessary tests will be carried out.

Testing takes place in state-of-the-art laboratories with the highest possible degree of automation. This speeds up the test process considerably and avoids incorrect operation.

Status reports can be provided continuously and thanks to the highly organized way in which we handle your test results, re-testing can be kept to a minimum. The complete final test report is generated immediately after the last test has been carried out successfully.

Our accredited InterLab® test laboratories are conveniently situated in all major markets. In combination, they offer the widest range of test capabilities globally available.

If required, 7 layers can offer a combined test project in our own InterLab® laboratories as well as your own or another partner's InterLab® laboratory.

visit www.interlab.net for more information



InterLab®

Global market access services from 7 layers will give you a head start!

Qualification, certification and type approval services

We are able to provide you with highly qualified consultancy on market access demands, based on our continuously updated knowledge base with information from over 120 countries concerning standards, regulations etc.

Qualification, certification and type approval testing will take place in our fully accredited InterLab® laboratories, offering:

- **Cellular test services** for GSM, GPRS, EDGE, AMR, W-CDMA, 3G etc.
- **Bluetooth® testing** in our BQTFs, organized by 7 layers' BQBs
- **Wireless LAN test services**
- **EMC test services**

We prepare all necessary documentation to cover regulatory demands as well as the demands of private qualification and certification schemes. For example the technical file for type approval authorities, a compliance folder for Bluetooth® listing, the R&TTE certification package, the China Network Access License etc.

Fast track qualification for modules and reference designs

7 layers is able to offer highly efficiently organized reference and delta test processes for manufacturers of modules, chip-sets, protocol stacks etc. and their clients.

Results from reference design testing can be easily distributed and updated via our InterLab® system. They are then available for re-use at any other InterLab® laboratory, thus making end-user product testing and qualification easier, faster and more cost-effective.

Interoperability testing

7 layers offers field testing for manufacturers and operators in accordance with the field trial guidelines of the GSM Association Terminal Working Group. For Bluetooth® interoperability testing, we have a large range of equipment and products available covering all your testing requirements.

***Let 7 layers'
unique test procedures
and depth of knowledge
help drive your success***



***technology
development***



***product
development***



***market
access***

Supporting communications technology development

- Development of core specifications
- Development of test specifications
- Development of test cases
- Development of qualification / certification programs
- Validation of test cases and test systems

Increasing efficiency of research & development projects

- Consulting on integration of testing into development
- Consulting on product specifications
- Development of product specific test specifications
- Development of product specific test cases
- Development of test solutions and execution of testing
- Test analysis

Speeding up market access for communications products

- Qualification, certification and type approval services
- Testing in:
 - 7 layers' InterLab® laboratories
 - InterLab® laboratories of clients and partners
- Fast track qualification for modules and reference designs
- Interoperability testing

***The 7 layers
service
portfolio***

*driving **your** success*

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