



Press Release

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7 layers test solutions – designed to make Bluetooth™ testing easier than ever

Bluetooth Test Solutions from 7 layers

In order to make product development as efficient as possible, testing has to be integrated into the development process. Therefore 7 layers has developed support services for in-house test solutions that make in-house testing more efficient and far easier to manage than ever before. The client can choose from various in-house test solutions, depending on the requested test and service level. Tests that have taken place in-house at the manufacturer can later be completed with tests at the 7 layers reference laboratories, in order to obtain full qualification testing.

7 layers already offers in-house test solutions like the **"Bluetooth™ Starter Kit"**, combining a 7 layers Test Solution with testing against Blue Units and the

"Bluetooth™ Full Qualification Test Solution", for full Radio Conformance and Protocol & Profile testing.

7 layers has now developed the much demanded **"Protocol & Profile Test Solution"**, running on Bluetooth test equipment (like the PTW 60 for example):

Combining test equipment for Protocol & Profile testing with a 7 layers test solution guarantees that clients are fitted out with an in-house test solution that suits their demands ideally, is set up and running in a very short time and will be updated and maintained by 7 layers continuously.

The 7 layers test management tool ensures that test plan generation, introduction of test parameters, testing and test report generation become an easy automated process. Testing can start without any delay and problems that might arise with testing procedures, failures of test equipment, updates and maintenance are taken over by the testing experts of 7 layers.

A major advantage for manufacturers, using a 7 layers test solution is, that they can fully concentrate their efforts on product development and production whilst testing procedures are managed by the 7 layers test management tool combined with customised 7 layers support services.

Tests which have run in in-house facilities supported by 7 layers can be used as qualification tests, because the accredited laboratories of 7 layers can be used as reference labs.

Bluetooth qualification testing at 7 layers

Additional testing that 7 layers' clients cannot or do not want to carry out themselves, can take place in the state-of-the-art laboratories of 7 layers, where the full scope of Bluetooth testing is available. 7 layers performs Radio Conformance Testing and Protocol & Profile testing as well as Blue Unit testing against Ericsson and Nokia Blue Units.

Clients who do not have their own facilities can use the 7 layers accredited laboratories for pre and qualification testing.

7 layers has three manufacturer independent BQBs (Bluetooth Qualification Bodies), who have listed most Bluetooth products on the "Bluetooth Qualified Product List" between them.

About 7 layers

7 layers is an engineering company for the wireless communications industry with broad expertise in development, testing and qualification for Bluetooth and GSM. 7 layers has for example been a leading co-designer of the Bluetooth test and qualification program.

At 7 layers manufacturers, network operators and service providers benefit from a complete service range, from optimisation of technology and product development to customised solutions for testing and world wide qualification.

7 layers was founded in 1999 with headquarters and reference test laboratories in Ratingen, Germany and has since then build up further test and service centres in Irvine, US (7 layers Inc.), Beijing, China (ritt7layers) and Cambridge, UK (7 layersUK). 7 layers has also set-up and runs partner labs in Europe, Asia and USA.