



# GLOBAL TYPE APPROVAL WORLDWIDE EXPERIENCE AND NETWORKING

Test House | Systems House | Software House

## NECESSITY FOR TYPE APPROVAL

In order to obtain the approval to market in a specific country a product with integrated wireless technologies has to fulfill a minimum set of regulatory requirements.

However, the necessary type approval processes vary considerably depending on the target market.

A reliable and experienced partner can be of great importance in order to bring products to market safely and efficiently.

Type approval confirmations have various forms, depending on the target market, for example as:

- Type approval certificate
- Letter of registration
- Exemption from licensing
- Legal reference
- Conformance report

Whatever your target market and wherever your country of origin, the global 7Layers group provides you with expert support in obtaining the necessary certificates, thus enabling you to be on schedule.



방송통신위원회



## 7LAYERS OFFERS

- Local know-how through global service organization
- Type approval knowledge base for more than 200 countries
- Years of experience
- International, multi-language staff
- Large network of local type approval consultants
- Experience of dealing with local authorities
- Global network of 7Layers accredited laboratories
- Global network of partner laboratories
  - to perform in-country testing
  - to complement our test service portfolio
- Know-how of all modern wireless technologies such as Bluetooth®, W-LAN, GPS, GSM-family, 3G, LTE, TETRA

## GLOBAL TYPE APPROVAL SERVICES AT A GLANCE

- Expert know-how on type approval processes throughout the world
- Reliable network of local type approval consultants
- Large network of state-of-the-art
  - accredited 7Layers laboratories
  - partner laboratories

## TYPE APPROVAL VARIANCES

### SELF DECLARATION

Self-declaration is sufficient in countries like e.g. the EU/EFTA countries, Australia, New Zealand.

One of the most important self-declarations is the R&TTE directive (1999/5/EC), covering the whole EU/EFTA market. Essential requirements are:

- Art. 3.1a Health and Safety
- Art. 3.1b Electromagnetic Compatibility
- Art. 3.2 Effective Use of the Radio Spectrum

In order to assess risks correctly, it is important to either have the necessary know-how available in-house, or use specialist external advice when introducing a product on these markets.

### CLASSICAL TYPE APPROVAL

Most countries worldwide follow the rules of classical type approval, e.g. countries in Asia, Africa, the Caribbean, the Gulf States, North and South America etc.

In the USA, all radio products need an FCC ID covering Radio, EMC and SAR aspects.

### COMPLEX IMPORT RULES

Former GUS countries, the P.R. China etc. tend to have very involved import rules and require separate processes in each country. 7Layers can rely on a large network of local agencies and years of experience. This is a solid basis you can trust for a fast and secure process in even the most complex cases.

### UNREGULATED MARKETS

In unregulated markets like Central Africa, Haiti, North Korea, Afghanistan, Iraq, etc. help you use of our reliable type approval consultants in order to manage the process without unnecessary complications.

<b>Germany</b>	+ 49.2102.7490
<b>France</b>	+ 33.612.717.783
<b>Spain</b>	+ 34.634.507.296
<b>Israel</b>	+ 972.3.6450756
<b>P.R. of China</b>	+ 86.10.68050369
<b>Taiwan R.O.C.</b>	+ 886.2.29551270
<b>South Korea</b>	+ 82.70.88532301
<b>Japan</b>	+ 81.45.5340515
<b>USA</b>	+ 1.949.7166512

## TYPE APPROVAL HANDLING AT 7LAYERS

### CONSULTANCY

First we carefully assess your product, the module you may be using and your target markets. Depending on this analysis, we offer the best possible solution for testing, certification and type approval handling.

### REALISTIC TIME SCHEDULE

Our time schedules are based on years of experience.

### FIXED, COMPLETE PRICING STRATEGY

Our fixed, complete prices include all charges for testing, fees, insurances etc.

### TESTING

Testing is organized in our own accredited laboratories and partner laboratories. In addition to regulatory testing, we can also provide you with certification testing for GCF, PTCRB, Bluetooth® SIG etc.

### PROJECT STATUS

We take great care to keep you up-to-date with your project status and provide you with continuous status reports if required.

### DOCUMENTATION

We prepare and send out all necessary documents to the local authorities for you.

### CONFIRMATION

We obtain and forward the required written approval from the local authorities in each of your target countries.

### MARKET ACCESS

Our support paves the way for fast and reliable market access in each of your target markets.

