Certification of wireless communication devices

Ensure your wireless devices are certified safe for use and fully compliant

Your challenges
A large and growing number of devices use wireless communication interfaces. Whether you are a manufacturer or an importer, you must ensure that your products comply with international and local regulatory standards of health, safety, radio performance, electromagnetic compatibility, and quality. The challenge is to reduce your manufacturing cost and time to market while avoiding denial and fines by authorities and network operators. Understanding the compliance requirements of different markets requires expert advice from an experienced testing and Certification Body. By obtaining a certificate of compliance from a reputable organization like TÜV SÜD, you clearly distinguish your products from noncompliant products in the eyes of authorities and end users.

Why is the certification of wireless devices important for your business?
Certification allows you to meet the legal requirements for placing your wireless devices on the market. It provides assurance to authorities and end users that your product is compliant and conforms to the relevant regulatory standards. Beyond this, it facilitates market access and mitigates the risks associated with product recalls, heavy fines, and loss of reputation.

How can we help you?
From the beginning of the product cycle, TÜV SÜD can offer you compliance-related guidance backed by complete testing and certification services. We ensure that your product conforms to all of the regulatory requirements of your intended market. As a recognized Notified Body (NB) under the European Union’s R&TTE Directive, a Telecommunication Certification Body (TCB) for the U.S., an Industry Canada Foreign Certification Body (FCB), and a Conformity Assessment Body (CAB) for Japan, we provide expert guidance on the relevant requirements for radio equipment approvals. After testing, a technical construction file is presented to our highly regarded accredited Certification Body, TÜV SÜD BABT. Once the certificate or
grant of approval is issued, it serves as proof of regulatory compliance and facilitates market access. This certificate is accepted by many legal authorities and network operators worldwide, assuring end users that your product conforms to the highest standards of quality.

Our certification services for wireless devices
We provide a fully comprehensive suite of wireless testing and certification services to help you meet the compliance requirements of your intended markets.

- **Testing, Certification, and Internal Compliance Management**
  
  We can test your product to meet the regulatory requirements for market access to Europe, the U.S., Canada, Japan, Australia, and other related markets.

- **FCC certification**
  
  As a TCB appointed by the FCC, TÜV SÜD BABT can assess and issue equipment approvals on the FCC authorization database, enabling U.S. market access.

- **Industry Canada certification**
  
  TÜV SÜD BABT is appointed as an FCB by Industry Canada, enabling us to approve products and grant access to the Canadian market.

- **Japan approvals**
  
  TÜV SÜD BABT is registered as a Foreign CAB to assess low-power devices for the Japanese market.

  
  We are able to provide guidance as to testing and certification requirements.

  
  We assess technical construction files and issue an opinion after which a CE0168 Notified Body number is affixed to the product.

- **R&TTE Directive Annex V FQA Scheme**
  
  As an alternative to the Annex IV route, customers who produce many products to market can use the TÜV SÜD BABT FQA scheme, which is based on quality system audits. This allows the CE0168 number to be used on all products being designed, tested, and manufactured under the approved quality system.

Your business benefits

- **Save money** – with product certification recognized by regulatory authorities and network operators, reducing the risk of market access delays and product rejection.

- **Save time** – by working with your local TÜV SÜD technical certifiers to ensure there are no delays in certification.

- **Minimize risk** – of product recalls and fines due to noncompliance.

- **Gain a competitive edge** – with a certificate from TÜV SÜD that confirms your product is compliant and distinguishes it from the rest.

Why choose TÜV SÜD?
TÜV SÜD is a Certification Body for Telecoms approvals. Our international reputation for delivering the highest standards of technical knowledge and competence is globally acknowledged.

We employ a team of technical certifiers that are present in key locations around the world. This unique combination of global expertise and local knowledge enables us to guide you through the entire certification process and help you conform to all the compliance requirements of your intended market. Our one-stop approach to testing and certification ensures that you receive your certification on time, thereby avoiding costly delays in your product launches.

Choose certainty. Add value.
TÜV SÜD is a premium quality, safety, and sustainability solutions provider that specializes in testing, inspection, auditing, certification, training, and knowledge services. Represented in over 800 locations worldwide, we hold accreditations in the Americas, Europe, the Middle East, and Asia. By delivering objective solutions to our customers, we add tangible value to businesses, consumers, and the environment.

Related services
TÜV SÜD provides the following related services:

- EMC testing
- Global Market Access
- Environmental and Mechanical testing
- Battery testing and certification
- ENERGY STAR® and Energy efficiency testing and certification
- Safety testing
- SAR testing