Full Service for SIGFOX Implementations

THE SIGFOX NETWORK - BASIS FOR LPWAN APPLICATIONS
Providing the respective network, SIGFOX offers connectivity and interoperability to modern LPWAN applications. cetecom advanced - being SIGFOX partner for testing and certification - has assembled a service package, which offers the full range of qualifications, which are necessary when entering the market with a new product.

SIGFOX PARTNER TEST LAB

Your SIGFOX partner for testing and certification

CETECOM ADVANCED FOR SIGFOX READY™

It is mandatory for any device (module, reference design and end product) communicating on the SIGFOX network, to be SIGFOX certified:

- To ensure that SIGFOX connectivity is integrated into partner devices with adequate performance level
- To maintain a high quality of service on the SIGFOX network through the conformity of each device to the SIGFOX radio specifications

CETECOM ADVANCED LEADS YOU THROUGH THE CERTIFICATION PROCESS WITH

- SIGFOX READY™ testing
- certification process consulting

SIGFOX READY™ requires radiation tests.These tests will allow a classification for each end product in uplink.

It reflects the efficiency of radiated power emitted by the end product.

OUR FURTHER SERVICES AT A GLANCE:

cetecom advanced offers the complete range of regulatory tests and International Type Approval Service for SIGFOX certified products.

REGULATORY TESTING:

- **Europe – RED (formerly R&TTE)**
  Notified Body according to the EU RE Directive
- **USA (FCC)**
  Telecommunication Certification Body (TCB)
- **Canada (ISED)**
  Foreign Certification Body (FCB)
- **Japan**
  Registered Certification Body (RCB)

INTERNATIONAL TYPE APPROVAL FOR MORE THAN 180 COUNTRIES OF THE WORLD:

- Specialized team for International Type Approval (ITA) to handle the required certification processes
- Many years of successful approval handling and long-standing contacts with official approval bodies around the world

RADIO CONFIGURATION ZONES (RCZ):

Radiated tests depend on the radio configuration (RC) defined in each zone of operation:

- **RCZ1**
  Europe, Oman, South Africa (868 MHz, 14 dBm)
- **RCZ2**
  USA, Mexico, Brazil (902 MHz, 22 dBm)
- **RCZ3**
  Japan (923 MHz, 14 dBm)
- **RCZ4**
  Argentina, Colombia, Australia, New Zealand, Hong-Kong, Singapore, Taiwan (920 MHz, 22 dBm)

cetecom advanced GmbH
Untertuerkheimer Straße 6–10 | 66117 Saarbruecken | Germany | T +49 681 598-0 | mail@cetecomadvanced.com | cetecomadvanced.com