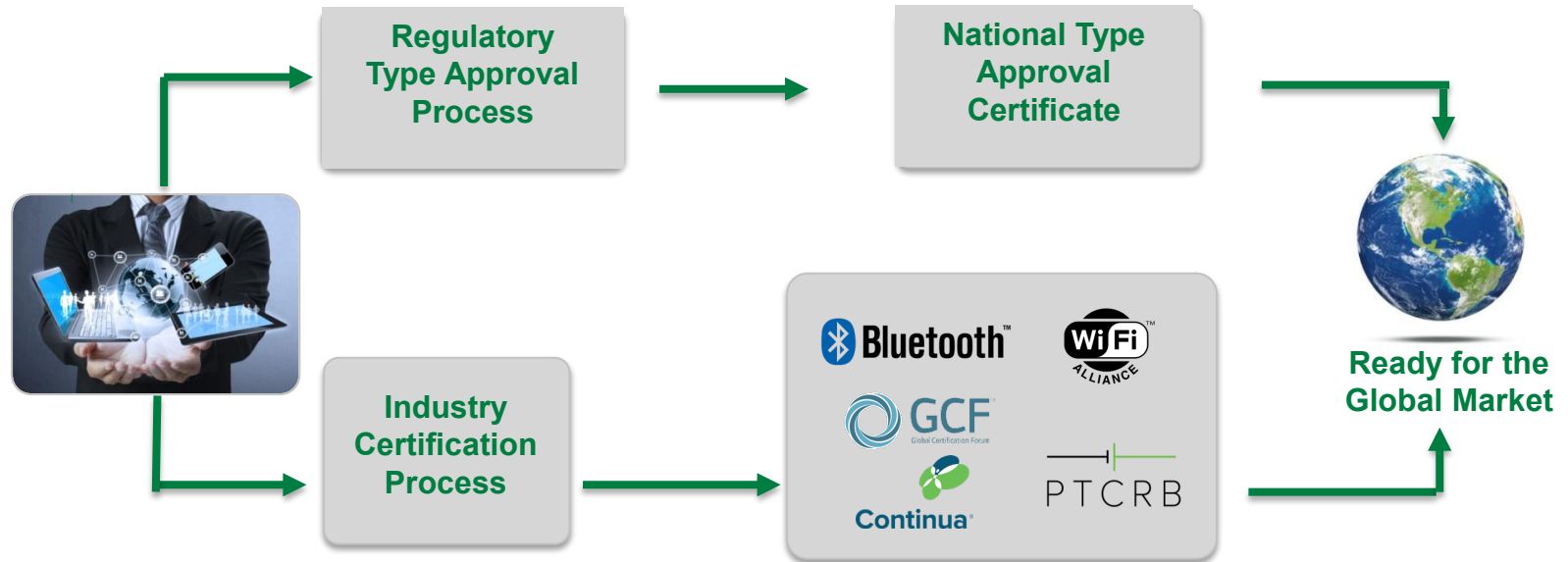


# International Type Approval Services



# The Path to Reach the Global Market

- Only approved and certified products can reach the market. However, in-country approval regulations vary a lot from one country to another, making the certification process difficult.
- The DEKRA ITA Team has the experience and knowledge to assist wireless and wired manufacturers with all approval queries at any step of the product value chain.



# Manufacturer Key Issues

## Manufacturer key questions along the product value chain

### Development Phase

#### Essential Technical Parameters

- Is the technology allowed?
- What is the allocated frequency band?
- Are there any output power limits?
- What are the test standards?
- What are the critical test cases?

### Certification Phase

#### Approval Information

- Is the approval mandatory?
- How should product family be approached?
- Is modular approval allowed?
- Is in-house testing required?
- How must multi-technology products be approved?
- What is the approval lead-time?

### MK & Sales Phase

#### Marketing Requirements

- Are there any labelling, packaging and user manual requirements?
- Is there a specific label format?
- What is the certificate's validity?
- What happens when the certificate expires?

### DEKRA Solutions

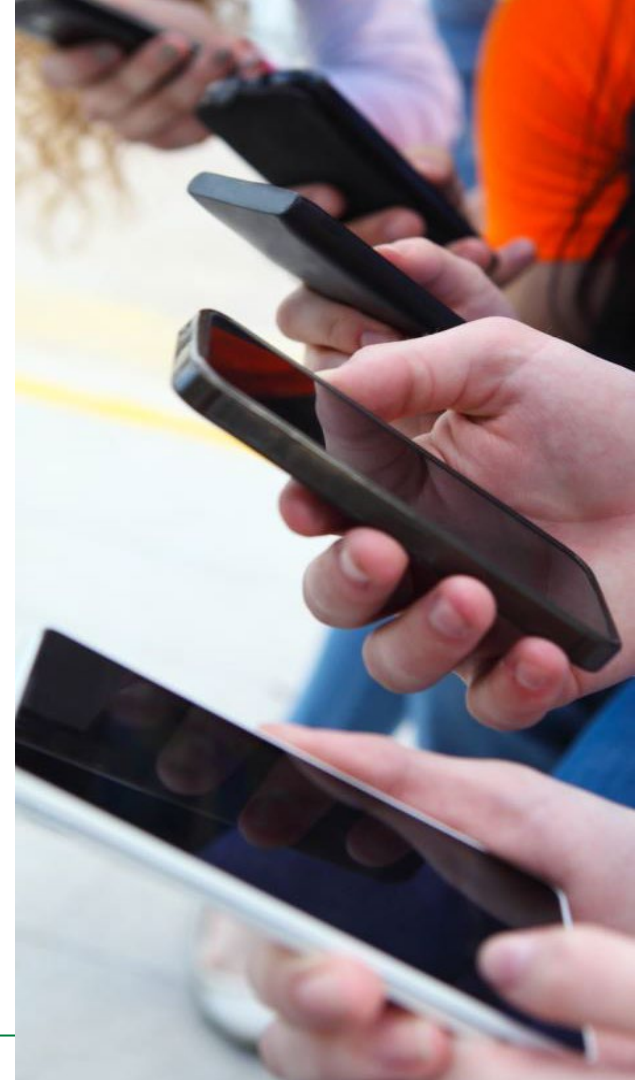
- Best approach to product approval
- Time to market strategy
- Cost effective solution

# Range of Technological Experience

DEKRA has developed expertise in the following technologies:

## Technologies

- ▶ GSM
- ▶ GPRS
- ▶ HSPA
- ▶ UMTS
- ▶ LTE
- ▶ LTE-A
- ▶ Bluetooth®
- ▶ Wi-Fi™
- ▶ RFID
- ▶ NFC
- ▶ LoRa
- ▶ Airfuel
- ▶ ULE
- ▶ Sigfox
- ▶ AllJoyn
- ▶ MirrorLink



# Type Approval Services (II)



## Assessment for Market Entry

Full assessment of:

- ▶ Labelling requirements
- ▶ Packaging requirements
- ▶ User manual requirements

This information will help products go through customs quickly, assuring products arrive to market on time.

## Renewal Alert Service

The DEKRA team will provide notification of upcoming certificate expiration and manage the certificate renewal process.

## Search for Local Representatives

In some countries the approval certificate must be granted to a local company (known as local holder).

When customers do not have a local representative company, DEKRA can help.



# Training – International Type Approval Services



Training courses are organized to cover the following topics:

- ▶ Technology requirements
- ▶ Country certification processes
- ▶ Training on demand





# TACS4 - Regulatory and Approval Newsletter

It includes the latest news on regulations, standards, approval procedures, radio interfaces, licensing conditions, marketing requirements, etc.

This monthly newsletter shows information on the latest changes happening worldwide related to regulatory and approval matters: standards, approval procedures, spectrum regulations, product labelling, etc. being applicable to a wide range of wireless and broadband technologies:

GSM, UMTS, LTE™, 5G, *Bluetooth*®, WLAN, RFID, NFC, ZigBee.

To request a demo, please visit:

[https://wireless.dekra-product-safety.com/testing-certification-services/ask\\_for\\_demo\\_version.html](https://wireless.dekra-product-safety.com/testing-certification-services/ask_for_demo_version.html)

**TACS4 - Regulatory & Approval Newsletter**

DEKRA is pleased to provide you with the October 2018 issue of its Regulatory and Approval newsletter.

To read the full content, please enter your login credentials [here](#).

DEKRA has an experienced and multilingual team of Compliance Engineers ready to support your company's approval campaigns. DEKRA provides approvals in over 200 countries and territories so far and handles international certifications for devices supporting a wide range of wireless and broadband technologies such as 2G, 3G, LTE™, 5G, Bluetooth®, Wi-Fi, NFC, NFC, Short Range Devices, Submarine, Medical and LPWAN. Do you need help with your worldwide product compliance? Please [contact us](#).

[More information](#) about DEKRA International Type Approval services.

### Standards and Regulations

<b>Updated technical templates for Type Approval application</b> Argentina   2018-08-21 The Ente Nacional de Comunicaciones (ENCOM) released an update of the guidelines for preparing technical documents when applying for Type Approval via web platform. <a href="#">More</a>	<b>Type approval exemption statement for test samples of some types of Wi-Fi/Bluetooth-enabled devices</b> India   2018-08-11 The Wireless Planning and Coordination (WPC) Wing has issued a statement indicating that import licenses for test and prototype samples of selected types of devices having Wi-Fi/Bluetooth features can be issued without type approval. <a href="#">More</a>
<b>Updated guide for the registration of telecommunication equipment</b> Singapore   2018-08-06 Infocommunications Media Development Authority (IMDA) has released an updated version of the guide that sets out the procedure and requirements for the registration of telecommunication equipment. <a href="#">More</a>	<b>Public hearing for updating the regulation of free use spectrum</b> Colombia   2018-10-04 The Agencia Nacional del Espectro (ANE) has published a public consultation in order to update the regulation for the free use of spectrum with the aim to increase power levels and spectrum available for technologies and applications working on a license-exempt basis. <a href="#">More</a>
<b>Validity period of radio equipment certificates shortened</b> Israel   2018-08-23 In August 2018, the Ministry of Communications of Israel (MCI) announced the reduction of the validity period of radio equipment certificates without warning. <a href="#">More</a>	<b>Postponement of mandatory testing and certification of telecom equipment</b> India   2018-08-27 The Telecommunications Engineering Centre (TEC) has issued a notification to postpone the commencement of mandatory testing and certification of different categories of telecommunication equipment until 2019. <a href="#">More</a>
<b>New technical specifications and homologation requirements for SRD</b> Cuba   2018-08-07 The Ministerio de Comunicaciones (MINFOCOM) has issued a new regulation for Short Range Devices (SRDs) that sets out new technical requirements for several applications operating in different frequency bands, and states the obligation of homologation to commercialize SRDs in Cuba. <a href="#">More</a>	<b>Removal of testing fee and new Type Approval process</b> China   2018-08-20 The Ministry of Industry and Information Technology of the People's Republic of China (MIIT) has announced the removal of the testing fee which will be assumed by the Ministry. The Radio Type Approval policy has been modified accordingly for the implementation of this measure. <a href="#">More</a>
<b>Public consultation on ITS standard</b> Australia   2018-08-10 The Australian Communications and Media Authority (ACMA) announced a public consultation on a draft version for the new Intelligent Transport Systems (ITS) standard. <a href="#">More</a>	

# Thank you!



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