



Type approval dept procedures

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Agenda

- Introduction about TRA & Type approval Dept.
- Type Approval Objectives
- Required documents for type approval
- Type approval applications statistics
- IoT applications in Oman
- Challenges

Introduction about TRA & Type approval Dept.

- TRA Established in 2002 {Royal Decree No. (30/2002)}
- One of the main TRA tasks is (type approval & Inspection)
- The Type approval dep't Established in 2003 and under this dept we have inspection team ;the main task of this team to check the all equipment's in local market if certified/approved by TRA or not
- Type approval dep't Procedures as follow : each importer or supplier should be registered in type approval dept to be able to bring telecom equipment for local market . The registered importer shall only sell telecommunications equipment type approved by the TRA: all telecommunications sold and used within the Sultanate of Oman must carry the TRA Approval label.
- All services related to Type Approval, Registration or renewal of the import application, request for quality approval, request for release permits for exporting devices, applying for Type Approval for telecoms equipment, applying for a Release Advice for imported equipment is now done online through the TRA e-Services portal
- In type approval dept we working with two different decisions 8/2008 & 59/2015

Type Approval Objectives

The type approval regime in the Sultanate of Oman has been designed with the following objectives in mind:

Safety and non-interference:

- To ensure the **safety** of consumers, the operators' networks and operators' staff

- To ensure that **electromagnetic interference** is kept in **low level**

- To ensure that the radio spectrum is used in accordance with the **appropriate spectrum plan**

Quality and performance:

- To **promote the quality, diversity and cost effectiveness of equipment** available to consumers while **minimizing consumer and network operator issues** due to equipment incompatible with networks in Oman

- To provide **clear guidance for consumers** so that they may make informed buying decisions, advising consumers about equipment unsuitable for their needs and which may be incompatible with the network

- To provide **clear guidance for retailers** so that they may avoid selling incompatible equipment

Other objectives:

- To **facilitate the work of customs** officers

- To provide system for **addressing problems caused by incompatible equipment**

Required documents for type approval

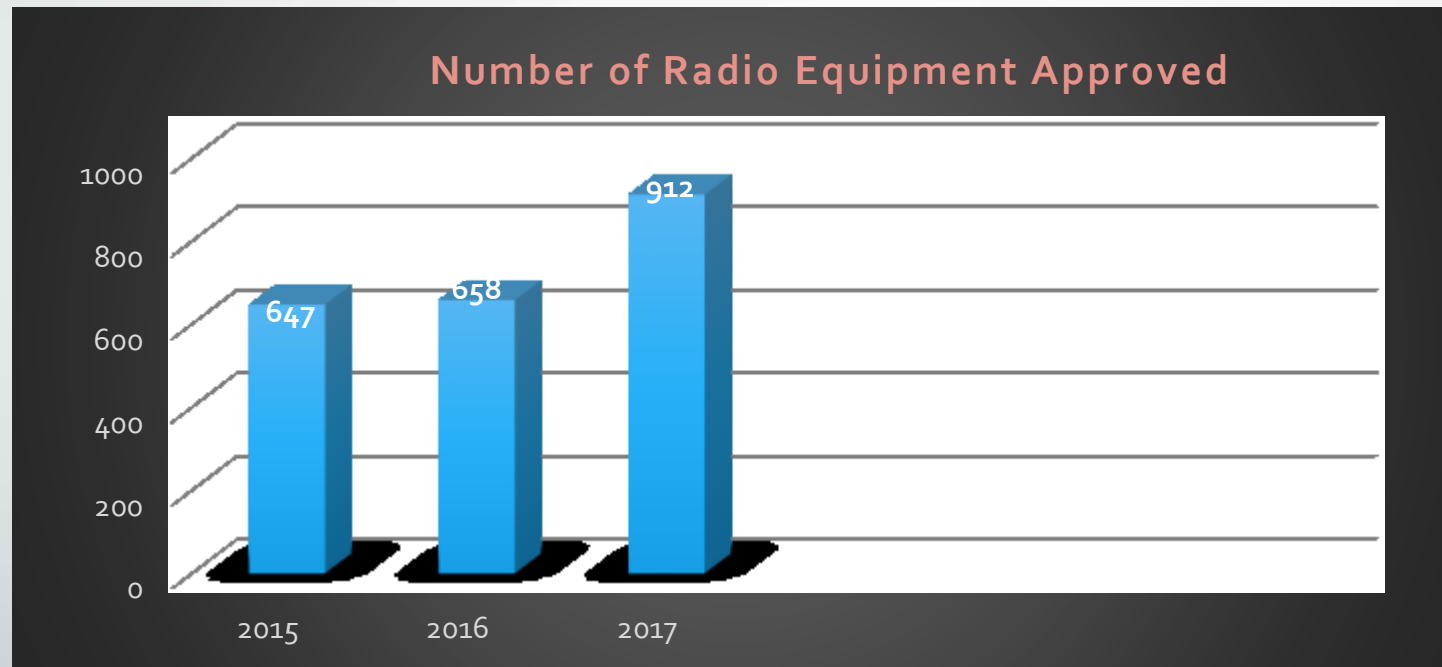
In order to register a company operating within the telecoms sector, the following documents will be required along with the online registration application form:

- Copy of the official Commercial Registration documents from the Ministry of Commerce and Industry
- Copy of the Certificate of Affiliation from Oman Chamber of Commerce and Industry
- Copy of the ID of the owner of the company

In order to apply for type approval for telecommunications equipment, the following documents will be required along with the online type approval application:

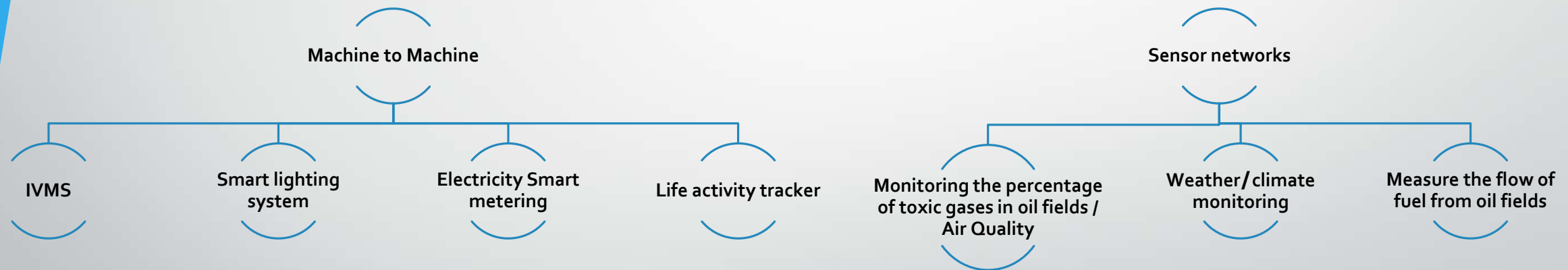
- Full technical data and specifications documents
- Copy of Manufacturer Declaration of Conformity
- Test reports (RF, EMC, Safety, SAR) from a test lab recognized by the TRA (or approved by a member of the ILAC)
- Documents of user's guide and sales brochure with colour photographs of the equipment

Type approval certificats statistics



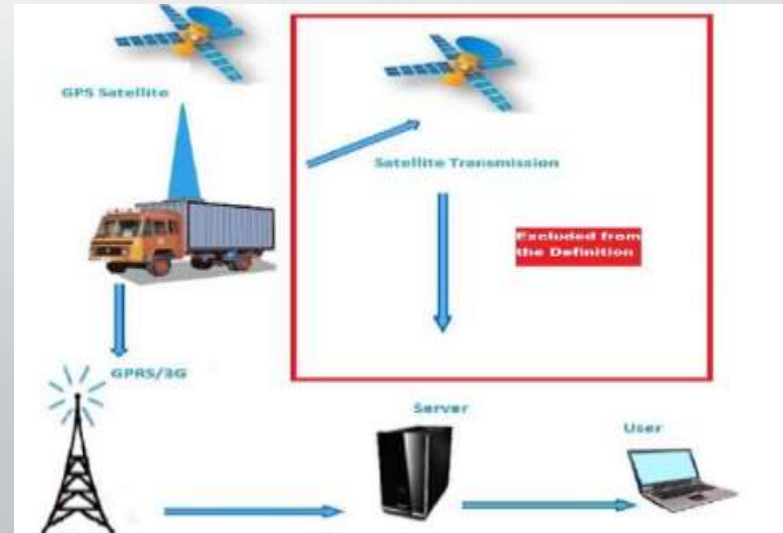
- We have 3 different categories for telecom equipment (GSM Mobile , terminal devices , radio equipment's)

IoT applications in Oman



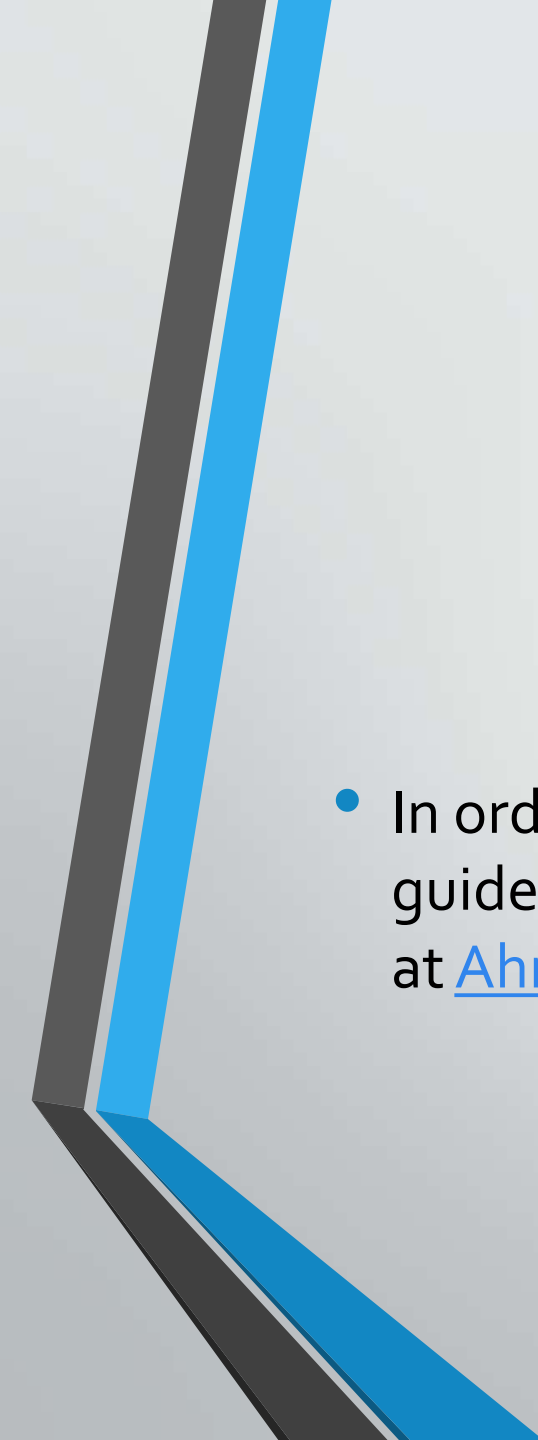


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Challenges & Problems

- Regulation and Policy / until now we don't have specific policy for IoT
- Responsible body , no one want to be the leader for this topic in Oman as you know the IoT devices can working in different area , so the all ministries sharing in this kind of service
- Unified data center / platform
- Network coverage
- Security issues
- Test lab

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- In order to download the telecom act , decision No.59/2015 , labeling guidelines decision & Market surveillance guidelines please contact with me at Ahmed.rashdi@tra.gov.om



The End

Thanks for your attention

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