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LoRa ALLIANCE® CERTIFICATION UPDATE

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LoRaWAN® Live!
New Delhi, India
October 17, 2019

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BENEFITS OF LoRaWAN® CERTIFICATION

Certification of Modules & Devices

Critical to the Successful Deployment of LoRaWAN:

- Provides confidence & reliability to the market and users of the devices
- Verifies it will work on any network, under all network conditions
- Reduces support costs, preventing product failure “later,” when its more expensive to fix
- Decreases operator costs as poor quality devices cause network issues

LoRaWAN CERTIFIED℠

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NEW LoRaWAN® CERTIFICATION INITIATIVES!

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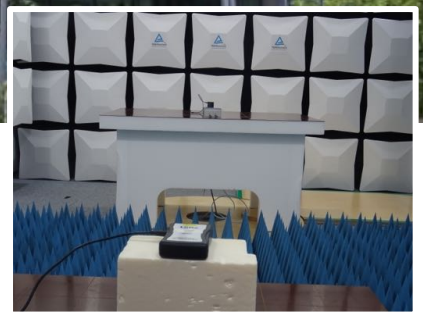
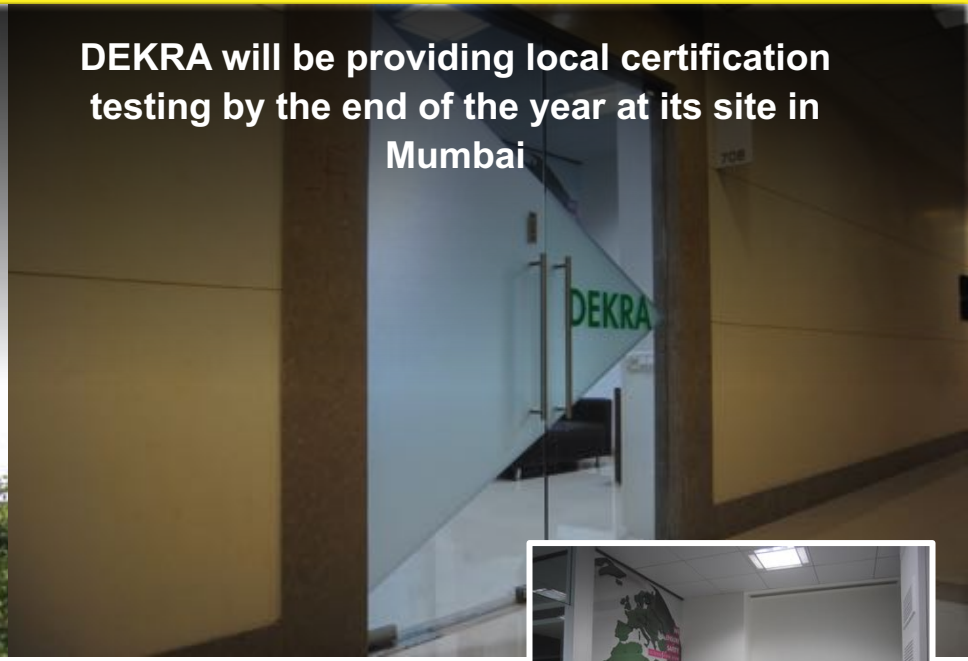
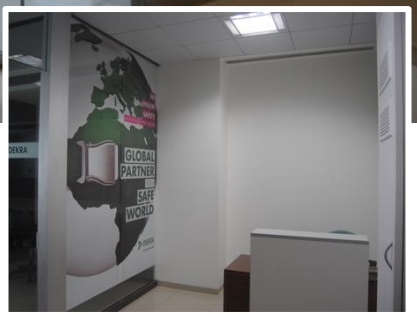
NEW LoRa ALLIANCE® TEST HOUSES IN INDIA

TÜV Rheinland has opened a LoRaWAN® Certification testing site in Bengaluru India that is fully authorized and ready for LoRaWAN Certification



DEKRA will be providing local certification testing by the end of the year at its site in Mumbai





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LoRaWAN® CERTIFICATION TEST TOOL (LCTT)

LCTT

MEMBER BENEFIT

NOW FULLY AVAILABLE!

LoRaWAN® Certification
Test Tool for pre-testing devices!

- Accelerates the certification process
- Saves time and money allowing device debugging and final designs earlier

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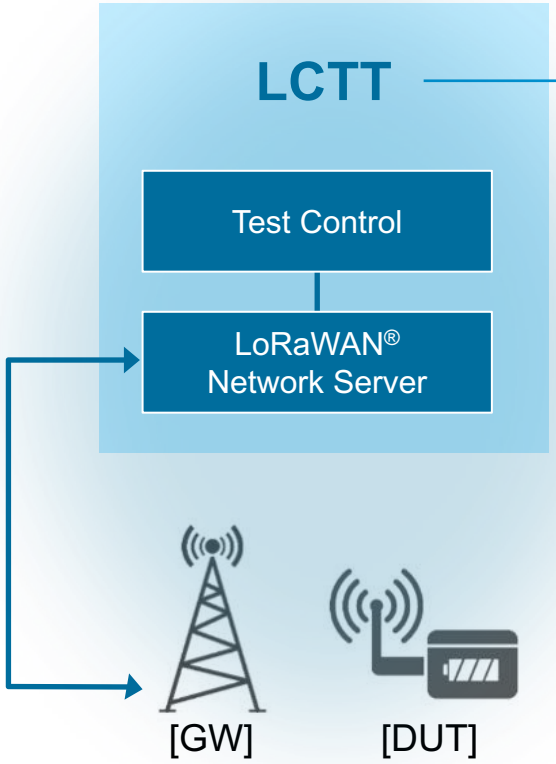
WHAT IS THE LCTT?



A precertification and regression testing tool

- Used at a device manufacturer's own facility
- Test tool runs on a local PC with a local LoRaWAN Gateway (GW)
- Offers precertification mode and debug modes

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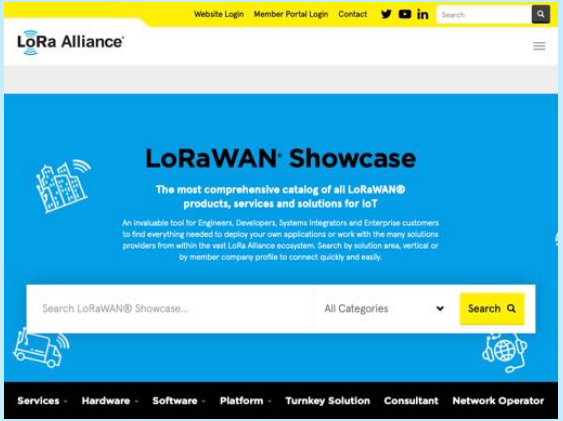
OTHER LoRaWAN® CERTIFICATION INITIATIVES

DIGITA
Objenious by Bouygues Telecom
kpn
proximus
Levikom
sens Sensor Network Services
Netzikon DAS NETZ DER DINGE
swisscom
orange™

In Europe, a group of Public Network Operators have rolled-out a Device Qualification Program which will require devices have LoRaWAN® Certification to connect



New LoRaWAN Showcase is the go-to resource to find Certified devices

- Easy to select and identify all devices that:
  - Fully meet operators' needs
  - Have all relevant device info in one place
- Accelerates project development!

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LoRaWAN CERTIFIED™

ROBUST CERTIFICATION PROGRAM

- Authorised LoRa Alliance Local Test Houses in India
- LoRaWAN® Certification Test Tool [LCTT] for member pre-certification
- Conformance, interoperability and RF testing
- Network operators no longer need to perform additional network testing on LoRaWAN Certified^{CM} devices
- End users are assured that a device will deliver the expected performance