LoRa ALLIANCE® CERTIFICATION UPDATE

DEREK HUNT
CHAIR, LORA ALLIANCE® CERTIFICATION COMMITTEE

LoRaWAN® Live!
New Delhi, India
October 17, 2019
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
NEW LoRaWAN® CERTIFICATION INITIATIVES!
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.
LoRaWAN® Certification Test Tool (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

LCTT
WHAT IS THE LCTT?

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

[GW] [DUT]
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!
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™ devices
- End users are assured that a device will deliver the expected performance