

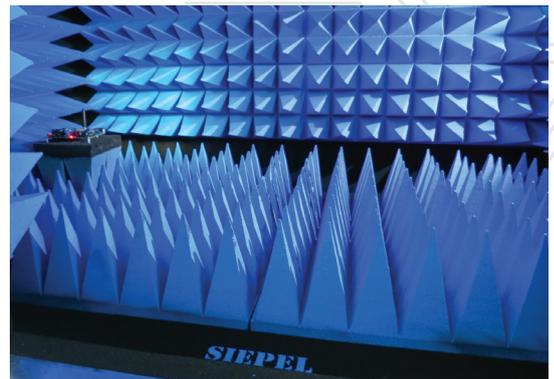
LoRaWAN® AUTHORIZED TEST LAB*

LoRaWAN® Certification Overview

The LoRaWAN® Certification Program provides assurance to end customers that their application-specific end devices will operate on any LoRaWAN® network. The scope of the Certification Program confirms that the end device meets the functional requirements of the LoRaWAN® protocol specification. The program includes a suite of tests that are specified in the LoRa Alliance® End Device Certification Requirements document.

Device manufacturers are required to be member of the LoRa Alliance® to be LoRaWAN® certified and may use one of the accredited LoRaWAN® Certification Test Labs to do the functional protocol testing.

Upon completion of the tests, the results will be listed on the LoRa Alliance® website, and upon compliance a LoRaWAN® Certification certificate will be issued by the LoRa Alliance®.



SERVICES:

- + Compatible with all regions
- + Class A, Class B and Class C
- + Certification By Similarity
- + Back-Off testing

ADDITIONAL SERVICES:

- + RF Performance
- + SCHC, FUOTA, Relay, LR-FHSS
- + LCTT testing support
- + Regulatory Approval Tests (RED Certification)

Looking for a LoRaWAN® certificate?

We provide full guidance through the whole LoRaWAN® certification process.

Need help during the pre-testing?

We can assist you to build, setup and configure your pre-testing system.

Troubleshooting and support?

We can support you to understand the issues found during the LoRaWAN® testing, providing an overview of the errors and the expected behaviour.

* Accredited by DAkkS (Deutsche Akkreditierungsstelle GmbH) under D-PL-12139-01-00, scope of services according to the accreditation annex to the certificate.

LoRaWAN® CERTIFICATION PROCESS



Step 1 – LoRa Alliance® Member

- Access to LCTT (LoRaWAN® Certification Test Tool)
- Access to LWCS (LoRaWAN® Web Certification System)

Step 2 – Product Preparation

- Certification Protocol
- LoRaWAN® Activation (OTAA or ABP)
- Pre-Testing / Self-Testing
- Questionnaire (LWCS)

Step 3 – At IMST:

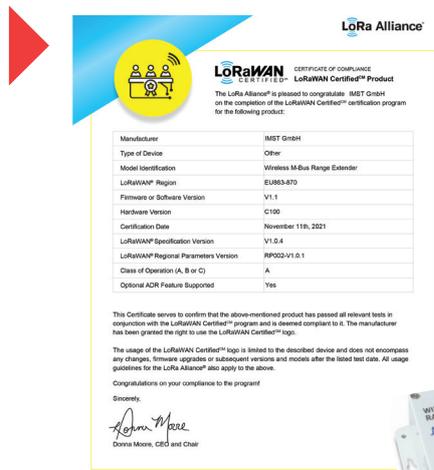
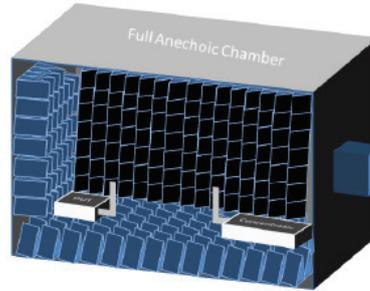
- Run test cases
- Support on troubleshooting

Step 4

- IMST sends logs and product information to LoRa Alliance® (LWCS)

Step 5

- LoRa Alliance® issues LoRaWAN® certificate



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