

# CONNECTIVITY CERTIFICATION

for Chipsets & Modules by Vodafone

# WHY CERTIFICATIONS ARE NECESSARY IN IoT BUSINESS



## YOUR CUSTOMER BENEFITS



**Flawless and  
tested VF  
connectivity**



**Efficient network  
communication**



**Faster time to  
market**



**Avoidance of  
follow-up costs**



**Security and  
transparency**




## **VODAFONE CONNECTIVITY CERTIFICATION FOR CHIPSETS & MODULES**

The Vodafone Innovation Park offers customers the opportunity to fully test their solutions in cooperation with the Vodafone network and also to have their connectivity certified – reducing the risk of in-the-field failures.

# MARKETS THAT ARE COVERED BY VODAFONE CERTIFICATION

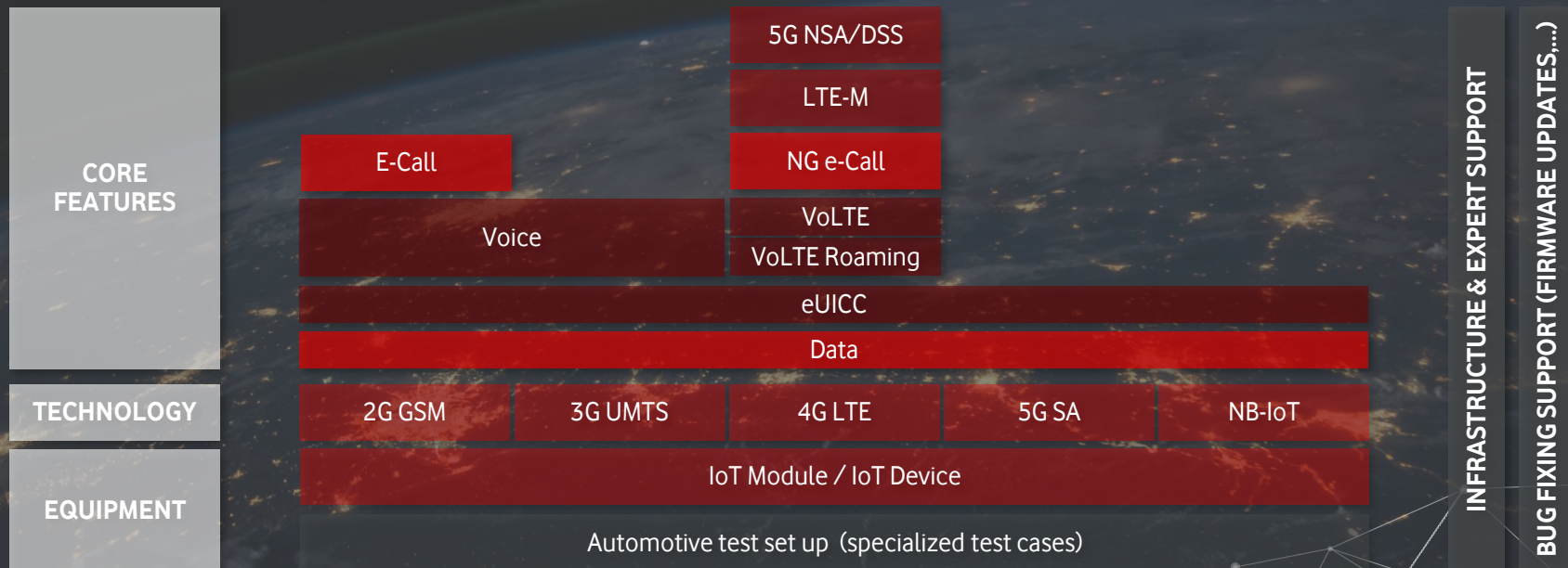
	Germany	United Kingdom	Spain	Italy	Netherlands	Ireland	Portugal	Albania	Czech Republic	Greece	Romania
NR (5G NSA)											
NR (5G SA)											
LTE (4G)											
UMTS (3G)											
GSM (2G)											
eMTC (LTE-M)											
LTE Cat NB1 (NB-IoT)											

 Technology available & certificate valid in the country

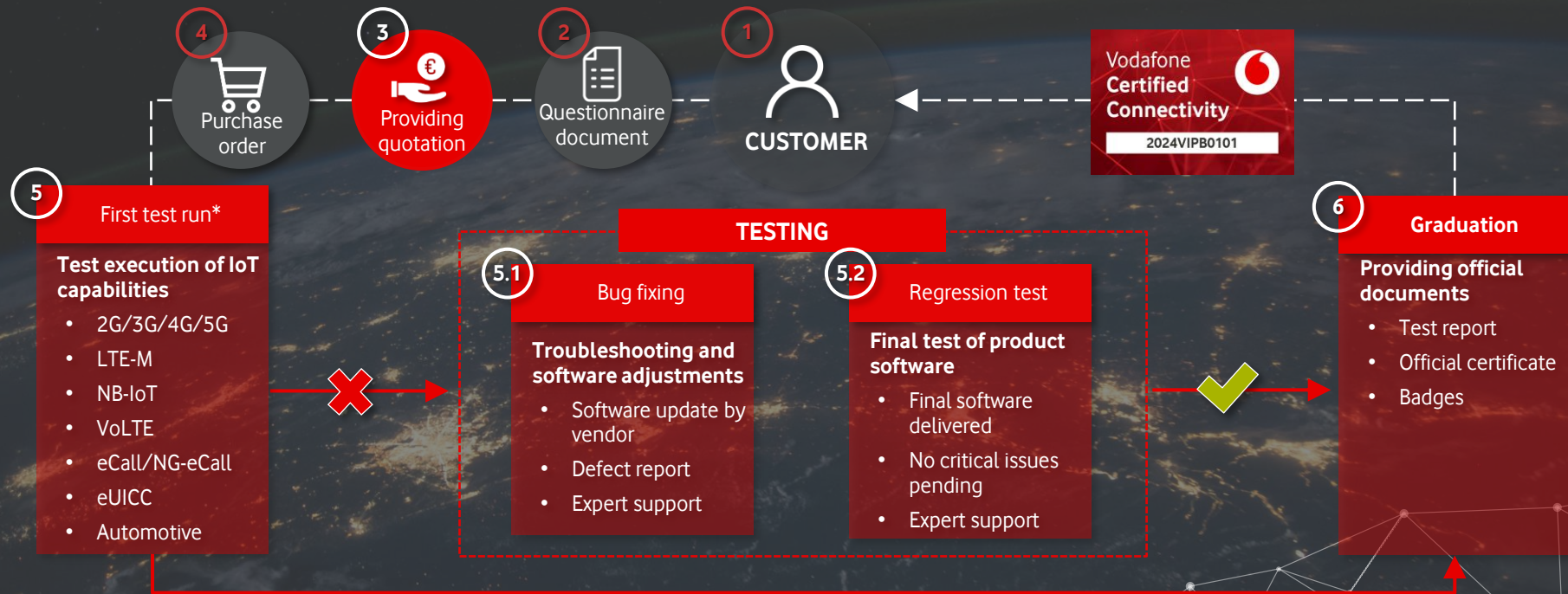




# CERTIFICATION SERVICE TEST PRODUCT CATALOG



# GENERAL CERTIFICATION PROCESS



## Timeline

Phase 1 to 4 approx. **one week**

Phase 5.1 to 5.2 approx. **two weeks**

○ Customer

● Vodafone



# CERTIFICATION DOCUMENTS



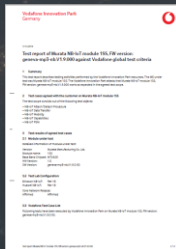
The Vodafone Innovation Park provides customers a connectivity certification of their IoT products within the Vodafone network. The certification includes the technical validity of flawless connectivity of the customer's product that was available at the time of testing. The Connectivity Certification secures a comprehensive product testing against Vodafone standardized test cases.

## CERTIFICATION DOCUMENT



signed by  
Vodafone  
Business IoT  
Director

## TEST REPORT



describes  
testing activities  
performed by  
Vodafone  
Innovation Park  
resources

## VODAFONE BADGES



serves to label  
the tested  
devices/  
modules





## CERTIFICATION QUALITY BY VODAFONE



### QUALITY STANDARD

Our experts will support you with expertise and the right test equipment **from the first testing till Certification.**

Our **quality** is reflected in the **ISO 9001 certification**:  
We are determined to maintaining the highest quality and are continuously improving our processes to ensure we consistently meet our customer's expectations.

Vodafone  
Certified  
Connectivity



2024VIPB0101



Management  
System  
ISO 9001:2015



[www.tuv.com](http://www.tuv.com)  
ID 9000000396



## CERTIFICATION BALANCE SHEET



### SUCCESS STORIES

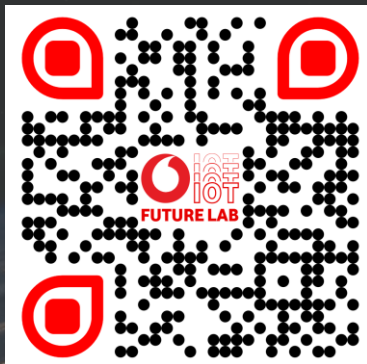
- > **51** IoT modules certified
  - 39 NB-IoT
  - 10 LTE-M
- > **124** 2G/3G/4G modules/devices certified
- > **19** 5G modules/devices certified

Status as of Sep 2024





## GET TO KNOW US



## OUR REFERENCES

[Referenzen | Vodafone Innovation Park](#)

**IoT Innovation & Certification @ Vodafone Innovation Park**

C1 - Public

## Zertifizierungsangebot

Vodafone IoT Connectivity Test- und Zertifizierungsservice



The Vodafone Innovation Park offers companies the opportunity to fully test their solutions in conjunction with the Vodafone network and have the connectivity of their solutions certified.

Certification with the "Vodafone IoT Certified Connectivity" seal includes technical verification of the product's error-free connectivity with the available technologies in the Vodafone mobile network.

## Your customer benefits

- Fast time to market  
We test IoT modules and devices for Vodafone network requirements in the early development phase. This speeds up the development process.
- Avoidance of follow-up costs  
This prevents undesirable developments as early as possible, which may result in high costs later on.
- Cost efficiency through transparency  
Our service packages are modular. This provides our customers with offers that they can use to make good calculations.
- Specialized consulting  
Experienced test engineers provide our customers with expert advice on carrying out tests and certify modules and devices according to standardized test scopes.
- International functional approach  
Our certificates are valid in several countries worldwide. International companies in particular benefit from this.

**IoT Future Lab**  
Test & develop your solutions

## CONTACT DETAILS AND WHERE TO FIND US



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**SANDRA SCHNEIDER**

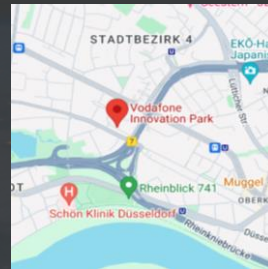
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**VODAFONE INNOVATION PARK**

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We have one of the world's leading test facilities for innovations in communication. Before the latest technologies can be deployed by our customers in the public network, we build them in the lab and test them intensively.

[IoT Certification@Vodafone.com](mailto:IoT Certification@Vodafone.com)



A large, white, hand-drawn style outline of a speech bubble or a large letter 'G' that frames the 'THANK YOU' text.

**THANK YOU**