Mobile IoT Starter Workshop

See how Mobile IoT (NB-IoT / LTE-M) can change your business.

Deutsche Telekom IoT
Mobile IoT Starter Workshop

Deep dive into NB-IoT and LTE-M

LPWA (Low-Power Wide-Area) networks such as Narrowband IoT (NB-IoT) and LTE-M are the right choice for many IoT applications, especially when energy consumption, building penetration, battery life and, above all, costs play an important role.

Are you testing NB-IoT or LTE-M and would like to understand these technologies better? Or perhaps you need some assistance in how to use your module or network features?

Our technical experts are available to offer advice and support. Get in touch!

What you can expect...

- Explanation of the Mobile IoT networks, its technical fundamentals and relation to other LPWA technologies
- Presentation and live-demonstration of the Mobile IoT-based solutions and network features
- Guidance on an integration into customer's IT infrastructure
- Support with module selection and tips on working with AT-command
- Introduction and access to the IoT Solution Optimizer

Tailored to your needs

Our workshops

2.399 € one-off*

- 4-6 hours technical workshop conducted by the IoT experts of Deutsche Telekom
- Telepresence meeting
- For both beginners and advanced users of the technologies – **you define the focus!**

*All the prices indicated are subject to tax.

Technology Introduction

- ✓ Why Mobile IoT (NB-IoT/LTE-M)? Characteristics in comparison to GSM/LTE
- ✓ Mobile IoT vs. other LPWA technologies (LoRa, SigFox)
- ✓ CE-Level, PSM, eDRX, IP/Non-IP, SIM hardware, frequency, latency, network availability, roaming

Mobile IoT modules

- ✓ Telekom-certified NB-IoT/LTE-M/Multimode chipsets and radio modules
- ✓ Which module to choose? Matching of your module selection with your use case:
- ✓ How to operate your module to benefit from Mobile IoT? Working with network features as CE-Level, PSM, eDRX etc.

Application Design

- ✓ Security requirements on network, protocol and application layers
- ✓ Module power consumption and efficiency of mobile applications with no direct power connection
- ✓ Selected protocols such as COAP & MQTT-SN and their specific structure
- ✓ Connecting your backend system via private APN

Live Demo

- ✓ Technical introduction into hardware (SIMs and modules)
- ✓ Module / application commissioning incl. network connection establishment
- ✓ Data transmission with an echo server
- ✓ Best practices for working with AT commands and common network parameters
- ✓ Network features (PSM, eDRX etc.)