Taking the Internet of Things to the Next Level

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Vodafone is a massive driver of the new Narrowband-IoT technology all over the world.

I am proud that Vodafone Germany is pushing the evolution of Narrowband-IoT. We're developing and testing this future key technology, which underlines our important role within the Vodafone Group and supports the further Narrowband-IoT activities in Europe.

Dr. Eric Kuisch
CTO Vodafone Germany

Meet our Experts

Get in touch with us and find the best solution for your business.

We help you explore new technologies, just like Narrowband-IoT, and support you in developing and growing your portfolio.

Simply contact our experts and discover more about the Vodafone Innovation Park.

Become a Ready Business. With Vodafone.

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Narrowband-IoT Open Lab

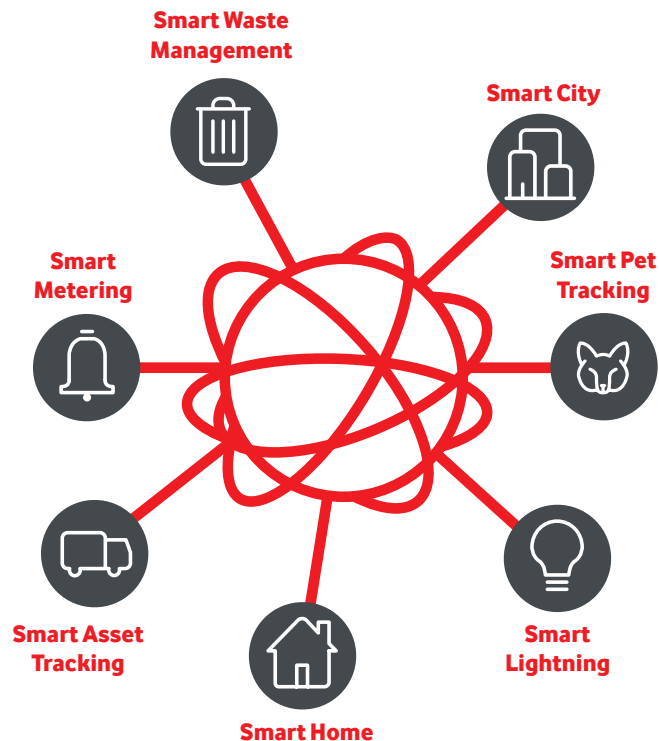Connecting Business

Vodafone
Power to you

Connecting Business in a Smart Way

What is Narrowband-IoT?

Narrowband-IoT is a new 3GPP technology. Small amounts of data are transmitted by means of narrowband communication in the „Internet of Things" (IoT).

Why does it matter?

With Narrowband-IoT, the connection of billions of devices becomes smarter and more cost-efficient. Low device costs, long battery life and the right technical features will create the internet of things of tomorrow.

Smart Waste Management

Smart City

Smart Metering

Smart Pet Tracking

Smart Asset Tracking

Smart Lightning

Smart Home

Your Advantages with Narrowband-IoT

✓ **10+ Years Battery Life**

✓ **Deep Indoor Coverage**

✓ **High-Quality Transmission**

✓ **Secure Data Transmission**

✓ **Low Device Cost**

✓ **Mass Deployment**

World's First Multi-Vendor Open Lab for Narrowband-IoT in Düsseldorf

With our new open lab facilities, the Vodafone Innovation Park provides a realistic end-to-end environment of the new Narrowband-IoT technology.

Here, we enable all our customers to test their new applications and devices under real network conditions.

A Tailor-Made Ecosystem for Your Testing Purposes

- Realistic end-to-end environment with three of the most important network equipment vendors on site

- Variety of dedicated test scenarios possible, e.g. battery consumption measurements under different coverage scenarios

- Professional Certification Services against standardised network features

- Connectivity to external servers and possibility to host customer servers and applications

- Open for all interested parties:

Public Sector

Enterprises

NB-IoT

System Manufacturers

Startups

Device Manufacturers

Chip and Module Manufacturers