T IoT

IoT Solution Optimizer

Modeling IoT projects in the blink of an eye

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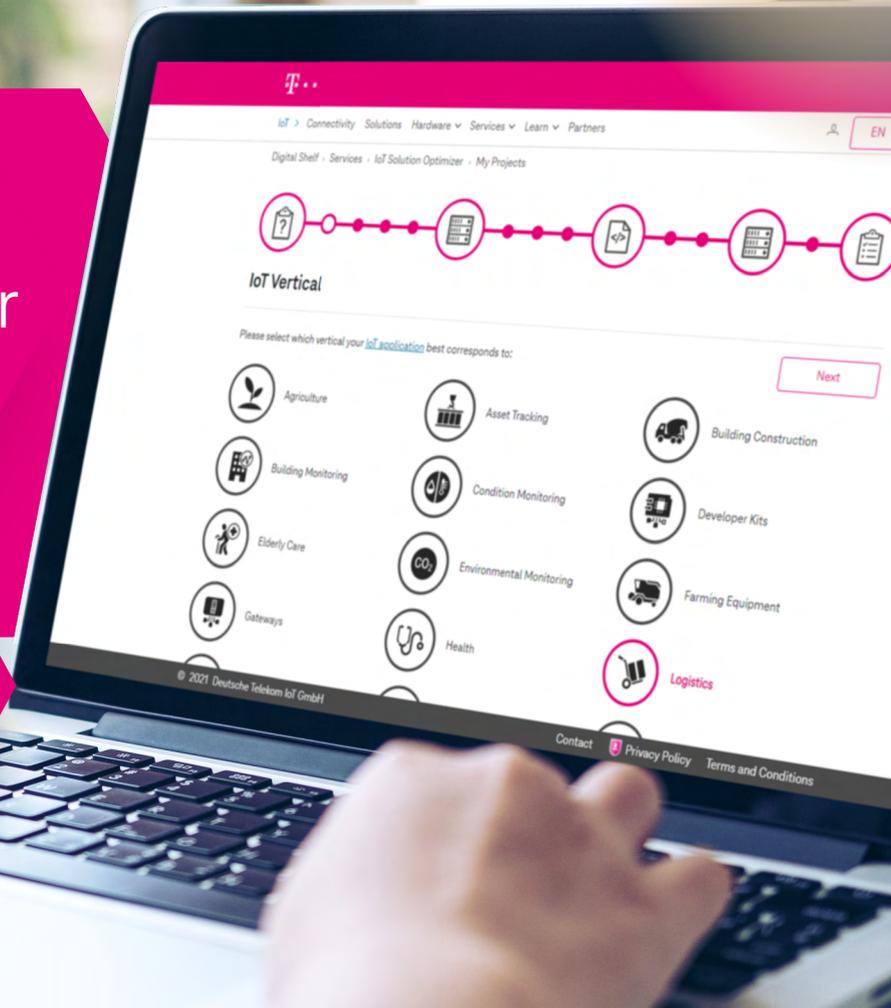
From asset tracking and building management to condition monitoring, the IoT Solution Optimizer makes it easier for you to plan your IoT projects. With just a few clicks you can validate and improve your design choices and make your NarrowBand IoT (NB-IoT) and LTE-M solutions future-proof.

IoT design validation made easy

Are my hardware choices suitable? How does my application perform on different networks? Which protocol should I use? And finally, how can I increase my efficiency?

Companies which plan to deploy IoT solutions usually engage in lengthy proof-of-concepts and costly testing cycles just to find out if their products deliver the desired performance and battery life. There is no guarantee of succeeding, as numerous design and deployment aspects impact their results, and mistakes can be easily made.

With the IoT Solution Optimizer, one reliably saves significant development costs and reduces time to market! This innovative service with digital twin modeling technology, allows you to create unlimited projects for endless project scenarios and components, and get highly accurate results within minutes.

Your benefits

· **Improve your solution's longevity –** verify how (re-)configurations of your application may impact the battery life and business case

· **Optimize your performance –** learn how to optimize coverage at the deepest end of buildings, as well as how to tailor your devices for different network configurations

· **Avoid costly mistakes –** identify pitfalls in advance of your prototyping, save costs in components, tooling, travel, and expert consultancy

· **Gain time-to-market –** avoid unnecessary, prolonged field trials; get projects back on track faster

· **Understand SMobile IoT technology –** profit from integrated IoT technology articles to discover when and how to use IoT stack features

IoT Solution Optimizer

✓ Considers various aspects, e.g. networks features, protocols, communication or deployment characteristics

✓ Integrates a growing catalog of devices and components from leading global suppliers

✓ Leverages industry's largest performance database, for over 90% modeling accuracy

✓ Suitable for NB-IoT and LTE-M use-cases

✓ Easy-to-use wizard for guided configuration

✓ Ideal for, but not limited to, battery-powered devices

Solution at a glance

- Cloud-based, SaaS solution for digital twin modeling
- Supports NB-IoT & LTE-M testing
- Available in multiple languages for global projects
- Fast-growing catalog with hundreds of components
- Opportunity for product placement and promotion
- EU data sovereignty and data privacy (GDPR) compliance

Get your access

Test free of charge

- 12-month run-time
- Full access to the service, incl. international network configuration
- Unlimited number of projects
- Automatic software updates and access to new features

1 user from 179 €/year*

*All the prices indicated are subject to tax.

It only takes a few simple steps

Pick other **hardware components,** e.g. battery or antenna — **4**

Select from DT **certified** module and chipset **portfolio** — **3**

Specify your **deployment scenarios** — **2**

Pick your **countries** and radio **access technology** — **1**

5 — Specify the **application behavior,** choose protocols and model the payload

6 — Choose different **power saving features**

7 — Define **data events** for your tariffs

8 — Get **project summary report, performance assessment, recommendations** and **implementation guides**

Design your own …

… or pick off the **product shelf!**

Optimize projects to improve business case!

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