![Telia logo] Telia

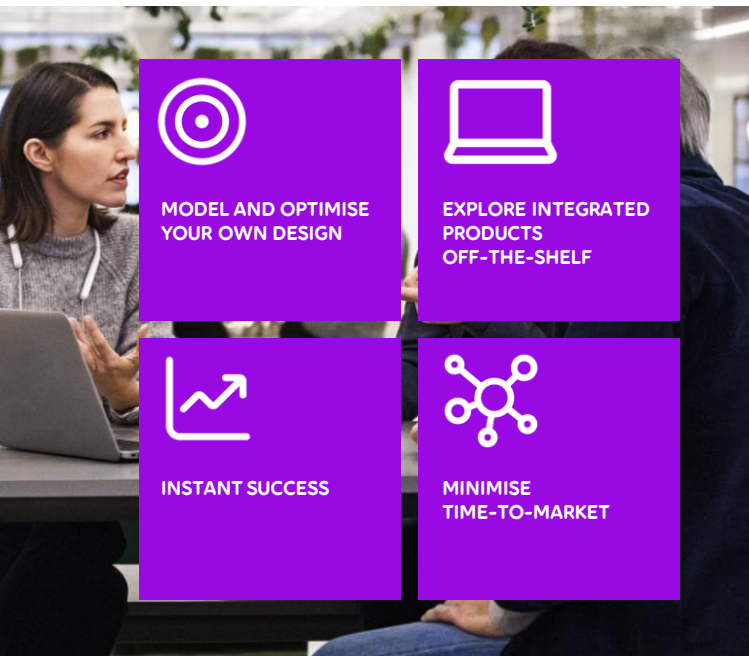IoT Solution Optimizer

DESIGN NB-IOT PROJECTS IN MINUTES

From asset tracking and security solutions to smart city services, our IoT Solution Optimizer, makes it easier to plan and optimise device lifetime and battery capacity in NB-IoT projects. A few clicks and you're done.

TRANSFORM YOUR IOT ECONOMY

Enterprises that want to deploy IoT solutions on a large scale often perform long and costly pilots to determine whether a design will deliver the performance and long operating life that their business case demands. There are many design aspects to consider, which means mistakes are easy to make.

Which modules, protocols and batteries to use? How will environmental factors or message frequency impact device lifetime? How will the application perform on different mobile networks? And, most importantly, how to optimise the design of the NB-IoT solution?

With our IoT Solution Optimizer, you can create a digital twin of the product you want to deploy and see exactly how your model will perform – in just minutes!

MODEL AND OPTIMISE YOUR OWN DESIGN

EXPLORE INTEGRATED PRODUCTS OFF-THE-SHELF
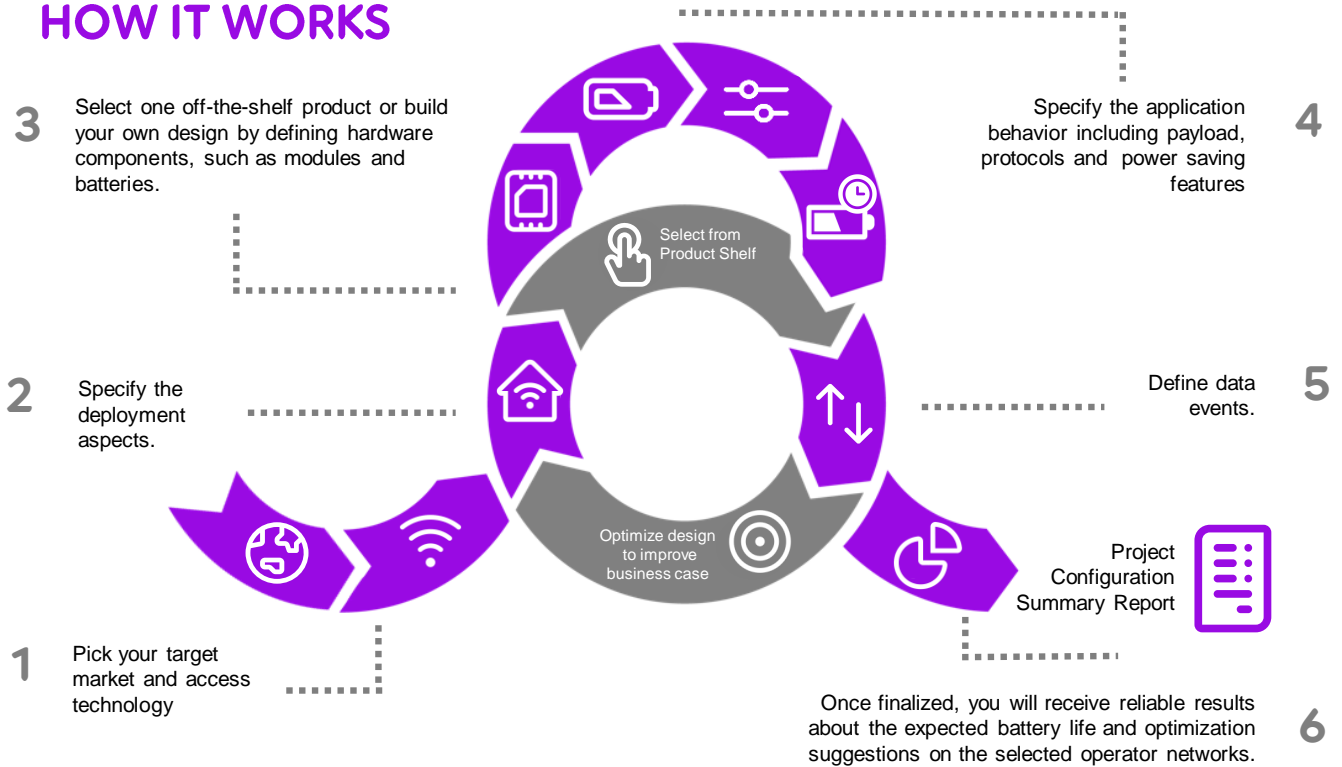
INSTANT SUCCESS

MINIMISE TIME-TO-MARKET

- **Model and optimise your own design:** Compose your own solution by selecting the market and networks you want to use, defining the hardware components and outlining the application behavior.

- **Test with pre-integrated products:** Discover communications- and power-efficient IoT solutions by selecting offerings from a wide range of certified partners, integrated into the tool.

- **Instant success:** We bring an ecosystem of IoT products and worldwide expert technical knowledge online, so you can identify risks and failure early in your projects. You can be confident that your solution is both technically and economically viable.

- **Improve time-to-market:** Forget long and costly test projects. Performance analysis and optimisation that would previously have taken industry experts weeks of work now takes just minutes.

HOW IT WORKS

3 Select one off-the-shelf product or build your own design by defining hardware components, such as modules and batteries.

2 Specify the deployment aspects.

1 Pick your target market and access technology

Select from Product Shelf

Optimize design to improve business case

4 Specify the application behavior including payload, protocols and power saving features

5 Define data events.

Project Configuration Summary Report

6 Once finalized, you will receive reliable results about the expected battery life and optimization suggestions on the selected operator networks.

WHY THIS IS THE TOOL FOR YOU

✓ **Extend battery life**
Optimise both hardware and software configurations.

✓ **Access a unique ecosystem**
The industry's largest database of certified IoT solution partners, and features such as IoT protocols and network functions.

✓ **Minimise risk**
Analysis of performance parameters and risk indications to ensure a fully functioning solution.

✓ **Gain knowledge and technical expertise**
Get instant access to a comprehensive IoT wiki that explains the essentials for design decisions.

✓ **Save time**
A large pool of behavioural and performance data means IoT solutions can be simulated in minutes.

✓ **Boost scalability and security**
Geo-redundancy for high availability and microservice architecture ensures high reliability. EU-GDPR compliant and EU data sovereignty.

Want to learn more? Let's talk
business.teliacompany.com/iot or email iot-sales@teliacompany.com

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