



IoT Solution Optimizer

# DESIGN LPWA 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 Low Power Wide Area 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 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 IoT solution based on NB-IoT or LTE-M network technology?

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

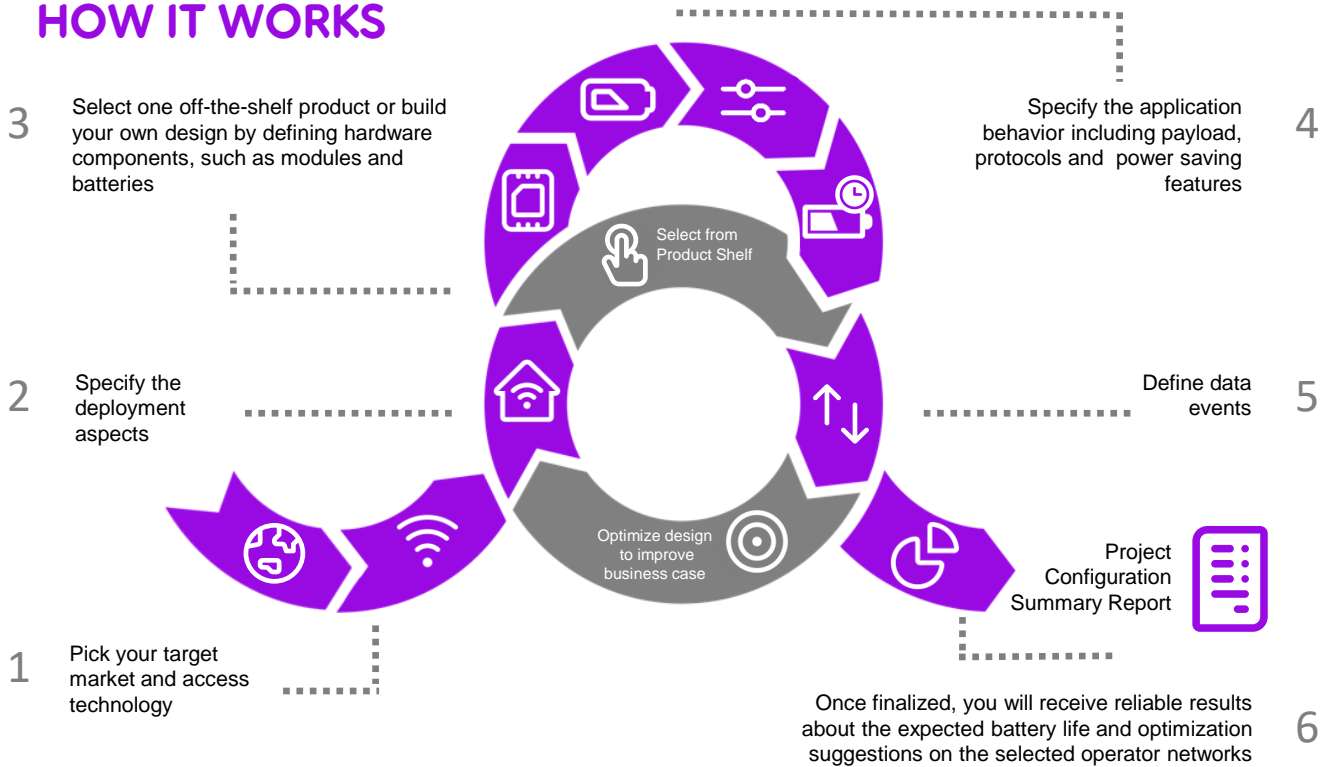
- **Model and optimise your own design:** Compose your own solution by selecting the market and networks you want to use, defining the hardware components and outlining the application behavior.
- **Test with pre-integrated products:** Discover communications- and power-efficient IoT solutions by selecting 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.

# IN BRIEF

The IoT Solution Optimizer is designed to cost-effectively design and test reliable NB-IoT and LTE-M solutions for a multitude of industries. The tool brings together the hardware, application and network feature elements necessary to gauge IoT solutions. Model your own custom design or try a standard IoT product off-the-shelf. All in an easy to follow, step-by-step experience that only takes minutes.

- Licence based monthly subscription model
- License fee: 190 Euro/month/user
- One license per user (two-factor authentication)
- Pre-recorded web-based training or live training on demand

## HOW IT WORKS



## 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.