

# Vodafone IoT device optimisation

A consultancy service to ensure the best performance



Together we can  
**vodafone**  
business





## Device Optimisation Consultancy Service

The reliable connection of your IoT devices to the network is essential for successful data transfer and device performance optimisation. With IoT Device Optimisation you can create a system of devices that can be deployed efficiently, connects as you need them to and transfers data as you expect. IoT Device Optimisation is a consultancy service package that guarantees worry-free, quick and cost effective deployment with devices that are ready to perform optimally.

### What do we offer?

IoT Device Optimisation is an off-the shelf consultancy service providing expertise for the development of connection management algorithms which significantly reduces the risk of poor connections or lost data.

The package is tailored to the specifics of your solution architecture and is combined with rigorous testing in our world-class test facilities in Düsseldorf, Germany as well as on-hand support during your field testing.

Over **20**  
years' IoT  
experience

### Experience at your Service

Our in-house team of consultants have unparalleled knowledge and understanding in device-to-device network optimisation and validation.

As experts in mobile networks and proprietary device development we understand how your devices can be best optimised for our networks. We have over 20 years' experience in IoT, connecting customers and third party devices with over 150 million connected devices globally.

IoT Device Optimisation is part of our suite of Professional Services offerings that can be combined to take advantage of our expertise across your solution architecture into deployment or can also be offered as a stand-alone package.

### Benefits of IoT Device Optimisation

With the help of our experts, we get your IoT system fully connected where there is need for:

- Solutions with multiple, remote devices
- Implementation of devices that are static or on-the-go
- Reliability with high performance
- Reliable connectivity for remote devices with autonomous network connections
- Efficient and expert testing to drive faster deployment

# Key features and benefits

With unrivalled experience in the world of IoT our technical experts will ensure your business takes advantage of best practice connection management algorithms, world class test facilities and live field test support, enabling your development and deployment to run smoothly and your live system to deliver the performance you planned and require.

## Vodafone IoT Device Optimisation



### Expert Consultancy

- Network connection algorithms
- Roaming algorithms
- Optimisation of data transfer
- Device management and recovery
- Battery performance and Optimisation



### Lab Testing

- World class facilities
- Breadth of network conditions
- Depth of functionality
- Robust and repeatable
- Jargon-free results



### Field Test Support

- Test plan review and advice
- Live support throughout testing
- Live network monitoring and fault diagnostics
- Live SIM logging and trace data analysis

## Deliverables Expert Consultancy

## Lab Testing

## Field Test Support

### What it means for you?

#### Our experts will help you:

- Ensure devices used within your system architecture are fit for purpose
- Support development of connection management algorithms for robust, distributed network intelligence in remote devices
- Ensure that devices are automatically managing and organising their connection to the network
- World-class test facilities in Düsseldorf, Germany
- Robust and repeatable testing environment, incorporating many different global networks and conditions
- Ensuring that you can perfect your solution in a known environment prior to field testing
- Significant savings of time and cost in field testing by taking our staged approach
- Support in developing an efficient field test plan for your use cases
- Live support during your field tests offers rapid problem resolution to complete your tests in the allocated timeframe

## Why Vodafone?

Vodafone has more than 20 years' experience in the IoT arena with more than 1,400 dedicated IoT experts.

We bring unrivalled capabilities together as one of the world's largest mobile networks with outstanding customer experience and a long track record of success with more than 150 million IoT connections deployed.

Our customers are confidently connected, receiving unmatched services, experience and benefit from proven expertise.

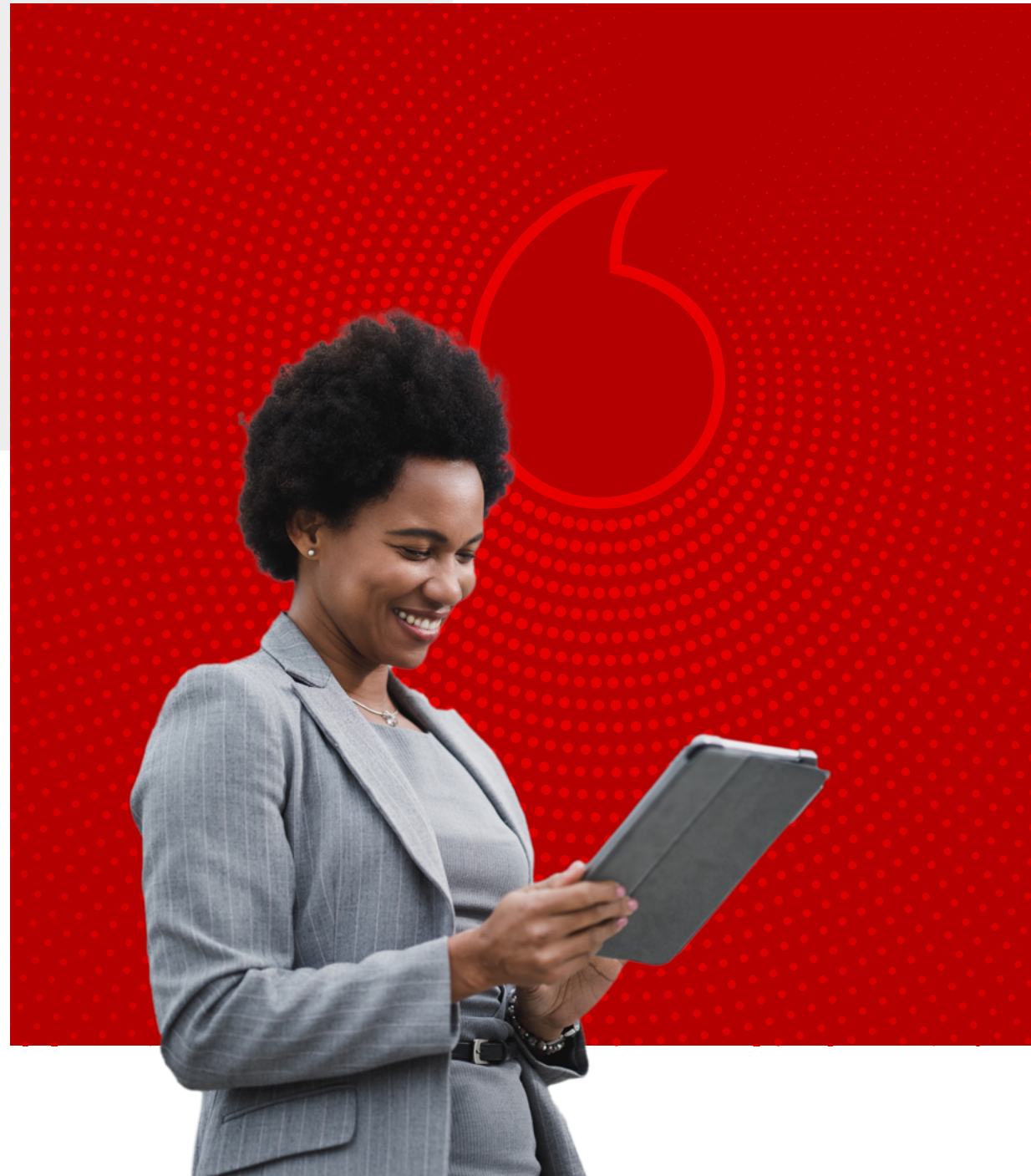
Vodafone will enable you to harness the full potential of IoT technology with a range of professional services and keep your organisation ahead of the game.

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## Next steps

To discover more about how IoT Device Optimisation from Vodafone can help your organisation optimise your IoT solutions effectively and affordably, please visit:

<https://www.vodafone.com/business/iot/professional-services>  
or contact [iot@vodafone.com](mailto:iot@vodafone.com).



[www.vodafone.com/business](http://www.vodafone.com/business)

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