

Tailored world-class
technical expertise for
your IoT solutions



Together we can
vodafone
business

Vodafone IoT Technical Consultancy

The adoption of IoT technology and its subsequent performance is a driving force for innovation amongst businesses in every industry. Ensure your IoT systems are world-class, compliant and deployed effectively. Vodafone IoT Technical Consultancy offers a range of professional services to complement your in-house development teams or to create IoT solutions on your behalf.



What do we offer?

Our IoT Technical Consultants offer a wealth of expertise across the end-to-end IoT lifecycle, covering a wide range of services.

We can provide tailored advice to support your in-house or supplier development teams, complementing their own expertise with our unrivalled IoT and network experience. We can even carry out development on your behalf, taking away the need to manage this in-house.

Whether it is device management, Application Program Interfaces (APIs) or application logic design, battery optimisation or network enhancement, we can provide support across a range of areas enabling your teams to focus their attention on core designs, and creating a solution that works for your business.

Experience at your service

Our team of consultants have unparalleled knowledge and expertise in global IoT system design, optimisation and validation.

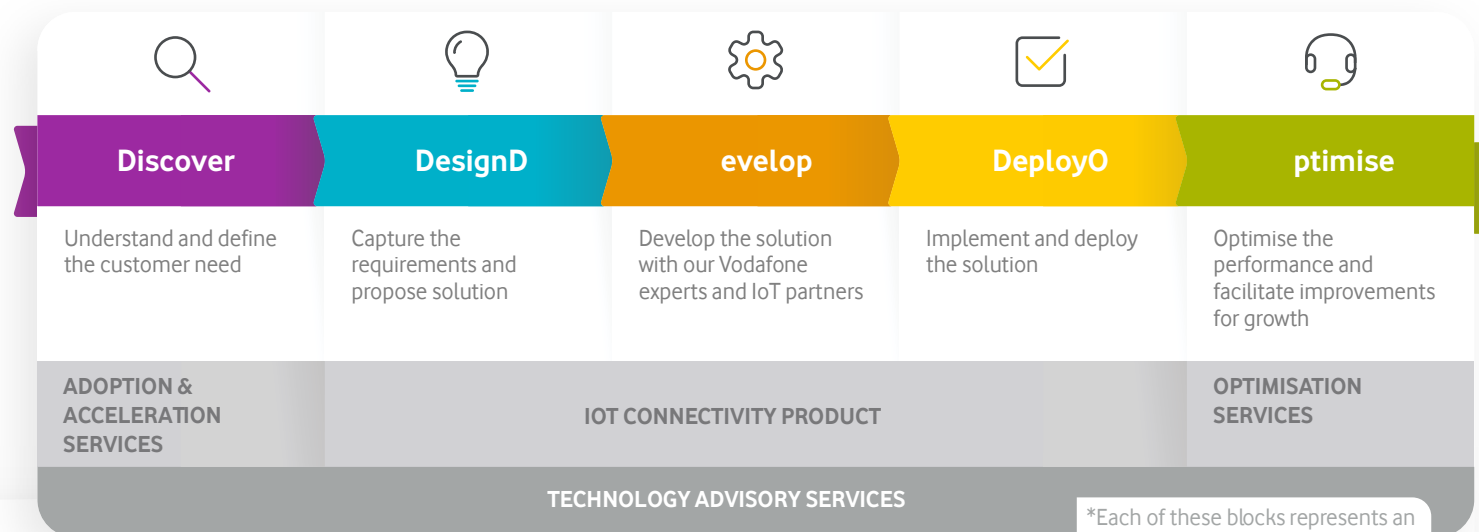
The IoT Technical Consultancy service is part of our suite of IoT Professional Services offerings that can be combined to take advantage of our expertise across your solution architecture and IoT lifecycle.

Benefit from our IoT expertise

Create the best solution for your business with the help of our technical experts – providing support across your IoT solution including:

- Application Program Interfaces (APIs)
- Application Logic Design
- Device Management
- Network Enhancement
- Device Hardware Selection or Development
- Operational Troubleshooting Procedures

IoT Engagement Model ►



Technical competencies and areas of expertise ▼

Vodafone IoT Expertise

Device Management & Battery Optimisation

What it means for 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
- Develop your algorithms to ensure battery life is optimised
- Ensure that your devices use the correct protocols, appropriate for the application and suited to the network

APIs & Application Design Support

We can help you:

- Create application flow designs which are appropriate to your roadmap development plans
- Create API-based application processes that support the complex and critical IT structures underpinning your organisation
- Meet your business goals by utilising the toolbox available in a best practice approach

Network Enhancement

- We will advise on spectrum utilisation and coverage, providing you with a detailed analysis of requirements and how to achieve those requirements using the network

Device Hardware Selection or Development

Ensure the devices chosen or developed meet your requirements. Benefit from expert advice on:

- Device optimisation
- Hardware integration
- Chipset selection
- SIM selection
- Antenna options to suit your solution needs with the best performance and best practice installation advice
- Solar solutions on our Integrated Terminals ensuring an off-grid, self-sustained power supply

Operational Troubleshooting Procedures

- Utilise our expertise to develop specific troubleshooting procedures to reduce any solution downtime and reactive operational costs

*Each of these blocks represents an IoT PS service or product offering

Key features and benefits

Unrivalled experience in the world of IoT combined with the Vodafone IoT Standard Engagement Model, our technical experts will provide a service tailored to your needs, to ensure your business maximises its IoT success and takes advantage of best practice approaches. We will partner with your team right through your IoT lifecycle, from concept to deployment and through life, or we can provide specific expertise to support special topics or broader challenges.

Why Vodafone?

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

We bring together unrivalled capabilities; one of the world's largest mobile networks, outstanding customer services and a long track record of success.

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

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Next steps

To discover more about how IoT Technical Consultancy from Vodafone can help your organisation optimise your IoT solution effectively and affordably, please contact iot@vodafone.com or visit <https://www.vodafone.com/business/iot/professional-services>.



www.vodafone.com/business

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