

IOT CONNECTIVITY

IoT Connectivity & Kite Platform

HOW CAN TELEFÓNICA TECH HELP?

Our complete IoT connectivity solution is managed through the Kite Platform.

In an increasingly digitalized world, the ability to connect and manage IoT devices is not just an advantage, it is the key to driving efficiency and growth in your organization.

That's why Telefónica Tech provides you with **the best IoT connectivity on the market** to transform your business and take it to the next level, as well as **Kite, the advanced management platform that will allow you to monitor and optimize your solution in real-time.**

WHO IS THIS SERVICE FOR?

Our service **meets the needs of any type of customer**, from **multinationals** with global rollouts of hundreds of thousands of SIMs to **small companies** with local rollouts of dozens of SIMs, **whatever your sector or industry.**

OUR VALUE PROPOSITION

Our service

IoT Connectivity

We offer you **the best IoT connectivity on the market** for your business. Our comprehensive **connectivity service** provides you with the network technology that best suits your needs, as we combine traditional cellular **technologies such as 2G, 3G, 4G** with new technologies such as **5G** and those specifically designed for IoT communications including **NB-IoT and LTE-M**. And all of this is **centrally managed from our Kite**.

Kite Platform

Kite Platform is the managed IoT connectivity **solution developed with Telefonica Tech's own resources**. This solution gives you **complete visibility** and centralized **control over all your SIMs, in real-time and remotely, from anywhere in the world**.

The platform is not only capable of managing any type of network technology, but its functionalities go beyond the mere management of IoT connectivity, providing capabilities in all dimensions of the IoT ecosystem, to offer you a **scalable, secure, and global IoT solution**.

In addition to offering connectivity management capabilities such as real-time control of spending and consumption, SIM activation and deactivation, and card location, the **Kite Platform** also includes tools for **remote device management** and provides **advanced analytics** through visual dashboards and reports that facilitate decision making.

The platform offers an **end-to-end service** that allows **integration with vertical and sectoral solutions, as well as with the leading cloud platforms on the market** through APIs. It allows you to access its functionalities from anywhere in the world, either through a web portal or the APIs themselves, as it is managed by software hosted in the cloud. Kite Platform also has tools to **prevent, detect, and correct potential risks** that may compromise the security of devices or connectivity.

What does it allow you to do?

The Kite Platform offers a wide variety of functionalities to carry out centralized control and monitoring of your solution:

- › **Inventory of SIM cards** and management of real-time connectivity services.
- › **Control of the SIM life cycle**.
- › **Monitoring of consumption and expenditure** of data, voice, and SMS services in real-time.
- › **Visual analytical panels** with business, security, and operations data, pool or prepaid rates, and SIM location.
- › **Commercial and billing management**.
- › **Generation of a wide range of reports**.
- › **Management of multiple connectivity**, both traditional cellular and LPWA (NB-IoT/LTE-M).

As well as unique features that will help you take your business one step further:

- › **Detection of anomalies** to identify possible fraud or errors in the devices.
- › **Location and tracking** of SIM cards.
- › **Alarms, automatic actions, and notifications** to identify unwanted behavior in real-time.
- › **Management of white/black lists** for IMEIS and MSISDN.
- › **Remote diagnostics**.
- › **Availability of a private APN and VPN** to set up in your environment and guarantee the privacy of communications.
- › **Private connectivity** between devices and customer systems or with third-party clouds.
- › **Accelerators** for development in public clouds.
- › **Device management capabilities**.

All the functionalities of Kite, the managed connectivity platform, are **accessible through a web portal or through APIs** (Application Programming Interface).

Benefits

Increased operational efficiency

By avoiding unnecessary travel thanks to remote management of connectivity and devices.

Real-time control of spending and consumption

At any time, without having to wait for the billing cycle to end, allowing you to quickly detect security threats, inappropriate use or fraud.

Increased security and privacy of communications

Through tools that only allow authorized communications, and an alarm system to identify anomalous behavior.

Solution components

A complete IoT Connectivity solution managed through Telefónica Tech's Kite Platform solution.

SIM cards

We offer a wide portfolio of SIM cards, which adapt to any project's needs. As well as rates for all types of consumption profiles.

Network and platform

The best network on the market, supporting traditional cellular technologies such as 2G, 3G, 4G as well as new technologies specifically designed for IoT communications such as NB-IoT and LTE-M. This is all integrated and managed with the Kite connectivity management platform.

Flexibility and service from Telefónica Tech

Plans and rates to suit any consumption profile. 24/7 support service with the Telefónica Tech guarantee.

BUSINESS MODEL

We offer an IoT Connectivity solution that **enables you to connect your IoT devices deployed anywhere in the world and manage them through the Kite Platform**, providing you with centralized control in real-time. We also offer a **flexible and scalable model** that allows you to select the plan that best aligns with the objectives and needs of your business.

EQUIPMENT, TEAMS AND ACHIEVEMENTS

Our teams

We have specialized teams distributed geographically throughout the Telefónica Tech footprint, ready to take your IoT solution, large or small, local or global, from any sector or industry, to reach its maximum potential.

Achievements

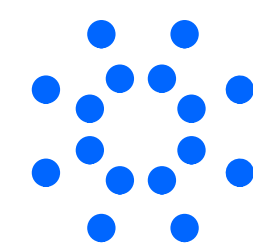
- › Leaders in the Gartner Magic Quadrant for managed IoT connectivity services.
- › Present in +190 countries.
- › Extensive network of technology partners.
- › +700 Roaming Agreements.
- › Members of the IoT Word Alliance.
- › +100 years of experience.

Telefónica Tech's differential value



Excellence in service:

We offer the best connectivity on the market with **worldwide coverage**. Backed by our advanced technology, we make sure you are always connected. We also offer a **support service** that is available to you **24/7** to provide assistance whenever you need it. We are committed to **excellence in every detail**, providing a bespoke service that meets the highest market standards, with the Telefónica guarantee.



Integration with private systems and cloud environments:

Through the use of APIs and connectors that facilitate the management and integration of devices with customers' private systems and public clouds.



In-house development platform:

Which provides the perfect level of **flexibility and agility when it comes to adapting to your needs** and offers a **wide range of unique functionalities**.

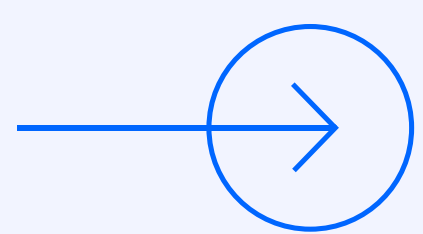
Contact us to start the digital transformation of your organization.



RELATED SERVICES

Private Mobile Networks

An industrial network enables critical business operations by ensuring continuity, flexibility, and mobility in processes, supporting the rapid adaptation of production chains. It provides real-time responsiveness with low latency, depending on business criticality.



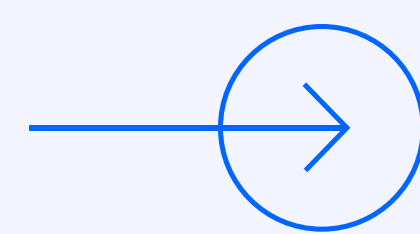
Hybrid Cloud

We drive your growth with multicloud solutions from our partners:

- › AWS by Telefónica Tech
- › Microsoft Azure by Telefónica Tech
- › Google Cloud Platform by Telefónica Tech
- › Oracle Cloud Platform by Telefónica Tech

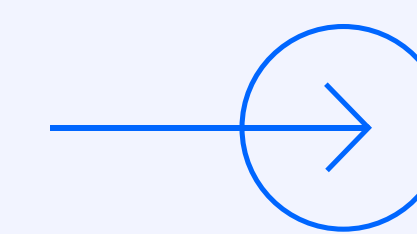
Additionally, we offer Telefónica Tech Cloud Platform, an integrated Cloud solution covering everything from on-premise to our Data Centers and Edge, with multiple telco connectivity options and local nodes in seven countries.

- › Telefónica Tech Cloud Platform



AI & Data Consulting

We design a master transformation plan centered around data, guided by your business priorities. Based on these priorities, we build a technological ecosystem of IoT and Artificial Intelligence, enabling your company to leverage the potential of these new technologies to generate new revenue streams, optimize costs, or reduce risks.



Contact us to start the digital transformation of your organization.

