Telefónica Tech, a leading provider of IoT connectivity according to Juniper Research

PUBLISHED JUL 18, 2025
BY TELEFÓNICA

Juniper Research has recognised Telefónica Tech, Telefónica's digital business unit, as a leading provider of IoT connectivity in its recent report "Cellular IoT Market: 2025-2030".

The analyst firm, which estimates that the number of IoT connections will increase globally by 60% over the next five years, particularly highlights Telefónica Tech's leadership in product and positioning. It also highlights the company's work with emerging technologies and new use cases for IoT, such as post-quantum protocols, drones and computer vision.

In this context of global growth in the IoT market, Telefónica Tech offers a comprehensive managed IoT connectivity solution through its Kite platform, which connects devices, data and clouds to give customers complete visibility and centralised control over all their devices and SIM cards in real time, remotely and from anywhere in the world.

Telefónica Tech's Kite platform, which encompasses software, network, hardware and SIM cards, provides a dedicated global IoT network infrastructure through roaming agreements. It also combines traditional cellular technologies (2G, 3G, 4G and 5G) with networks specifically designed for IoT communications such as NB-IoT and LTE-M. It stands out for its device management services, advanced security, artificial intelligence and analytics, and cloud integration, among other features.

Using Kite allows organisations to keep an inventory of their devices and SIM cards, enabling them to geolocate and control the lifecycle of those cards, among other features. It also includes the ability to monitor communications consumption and spending in real time, as well as advanced artificial intelligence features to automatically detect

unauthorised use such as SIM card theft for fraudulent purposes.

Beyond connectivity management, Kite incorporates an innovative feature called “IoT Data Ready” to receive business data from customer devices, process it and transmit it securely to servers or clouds, enabling customers to reduce development time while increasing the end-to-end resilience and security of the solution.

Mario Silva, Director of Strategy at Telefónica Tech, explains:

> We are proud that Juniper Research has recognised our managed IoT connectivity capabilities and named us a market leader. With our comprehensive managed IoT connectivity solution, delivered through our Kite platform, we are helping our B2B customers with their digital transformation, optimising the connectivity of their devices and extracting maximum value from their data so they can make better business decisions.

Press release distributed by Wire Association on behalf of Telefónica, on Jul 18, 2025. For more information subscribe and follow us.

Media Assets

Embedded Media

Visit the online press release to interact with the embedded media.

https://wireassociation.eu/newsroom/telefonica/releases/en/telefonica-tech-a-leading-provider-of-iot-connectivity-according-to-juniper-research-2568

Telefónica

Newsroom: https://wireassociation.eu/newsroom/telefonica
Website: https://www.telefonica.com/
Primary Email: contacto@fundaciontelefonica.com

Social Media

Facebook - https://www.facebook.com/telefonica
Linkedin - https://www.linkedin.com/company/telef%C3%B3nica
Twitter - https://twitter.com/telefonica/
Instagram - https://www.instagram.com/telefonica/
Youtube - https://www.youtube.com/user/telefonica