

DATA

JD TELECOM IoT SERVICES

KEY FEATURES

- Highly reliable, guaranteed IoT connectivity
- Global, ubiquitous coverage via satellite
- IoT-optimised satellite terminals and Ku-band space spectrum
- Lowest price points, in the range of cellular IoT
- Bi-directional IP connectivity
- Fast and easy installation by mobile application (iOS and Android)
- Energy Saving Profiles to minimise power consumption

TARGET INDUSTRIES

- Retail & Banking
- Infrastructure & Construction
- Safety & Security
- Energy & Utilities
- Oil & Gas & Mining
- Agriculture
- Telecom

SIMPLE AND INEXPENSIVE IoT CONNECTIVITY VIA SATELLITE

In a world where customer expectations are increasingly demanding, and technologies constantly push the art of the possible, enterprises are fast harnessing the power of the Internet of Things (IoT).

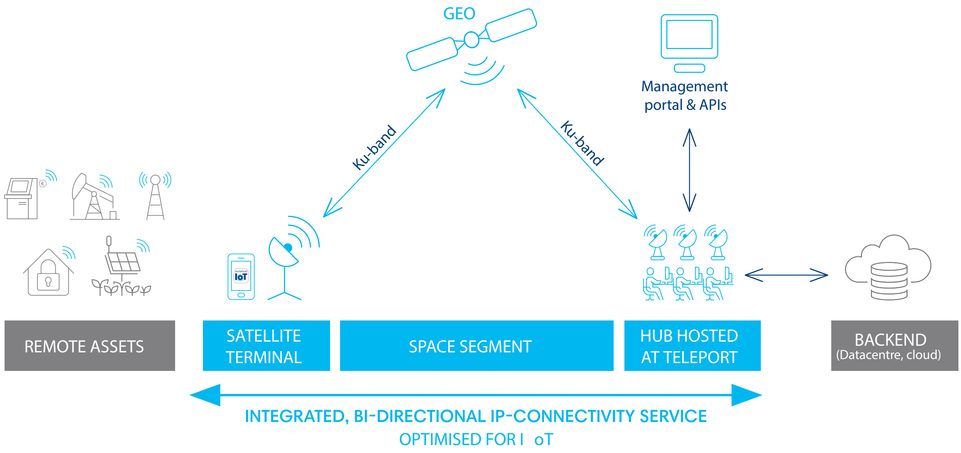
Across all industries, billions of remote assets will soon be connected to increase productivity, reduce costs, and create new revenue streams, in ways previously unthinkable. From industrial applications to Smart Cities, farming, Point-of-Sales, and the latest security solutions; from highly valuable industrial assets to the smallest devices - data will power the world of tomorrow.

However today, many enterprises don't have access to a global, reliable IoT connectivity service. They are unable to reach remote assets due to erratic or insufficient coverage, as existing connectivity solutions are too complex or prohibitively expensive. Connectivity has not always been within reach for every enterprise – until now.

JD Telecom will be at the core of the Internet of Things revolution, connecting businesses to assets in ways not possible before. Whether fixed or on the move, across land and ocean, JD Telecom will revolutionise the way businesses access and use data from assets, no matter where they are deployed, in a simple and affordable way.

IoT FIRST is JD Telecom's inaugural IoT service. This simple, innovative satellite-based IP connectivity solution is designed to connect businesses to remote assets, anywhere, inexpensively.

Whether you need to monitor industrial pipelines, or connect rural ATMs, JD Telecom IoT FIRST enables enterprises to transmit data between remote assets and the cloud, ensuring faster, more efficient and more reliable communications than any other method.



HOW IT WORKS

Through JD Telecom's global fleet of geostationary satellites, and ground-breaking technologies in hubs and terminals, JD Telecom is redefining the rules of IoT connectivity.

JD Telecom IoT FIRST is a simple and integrated solution includes a compact, low-power, easy to install satellite terminal, Ku-band satellite capacity, and an IoT-dedicated hub, operated and managed by JD Telecom.

Terminals are easily and rapidly installed and configured thanks to an interactive Smartphone app that helps to point the antenna and commission the terminal.

IoT FIRST is proposed at the lowest price-point of alternative satellite-based solutions, in the range of cellular IoT connectivity services. The monthly subscription service starts as low as single-digit Euros per month, and includes access to a web-based portal and API for customers to manage their connectivity service or build customised applications.

In the coming months, JD Telecom will further expand its portfolio of IP connectivity solutions for IoT, and enable enterprises to connect assets on the move, addressing verticals like transportation and logistics, automotive and maritime industries.

Find out more about JD Telecom IoT FIRST today, and experience the future of IoT connectivity.

OVERVIEW

- Bundled IoT offer including satellite terminals and service subscription
- Compact, low-power satellite terminals and 60 – 74cm parabolic dish
- Smartphone app to install and commission terminals
- Web portal and APIs to manage service and terminals
- IoT-specific security & networking add-ons: IPSec encryption, VRF/VLAN, Public IP
- Transfer speeds up to 1Mbps download and up to 128kbps upload