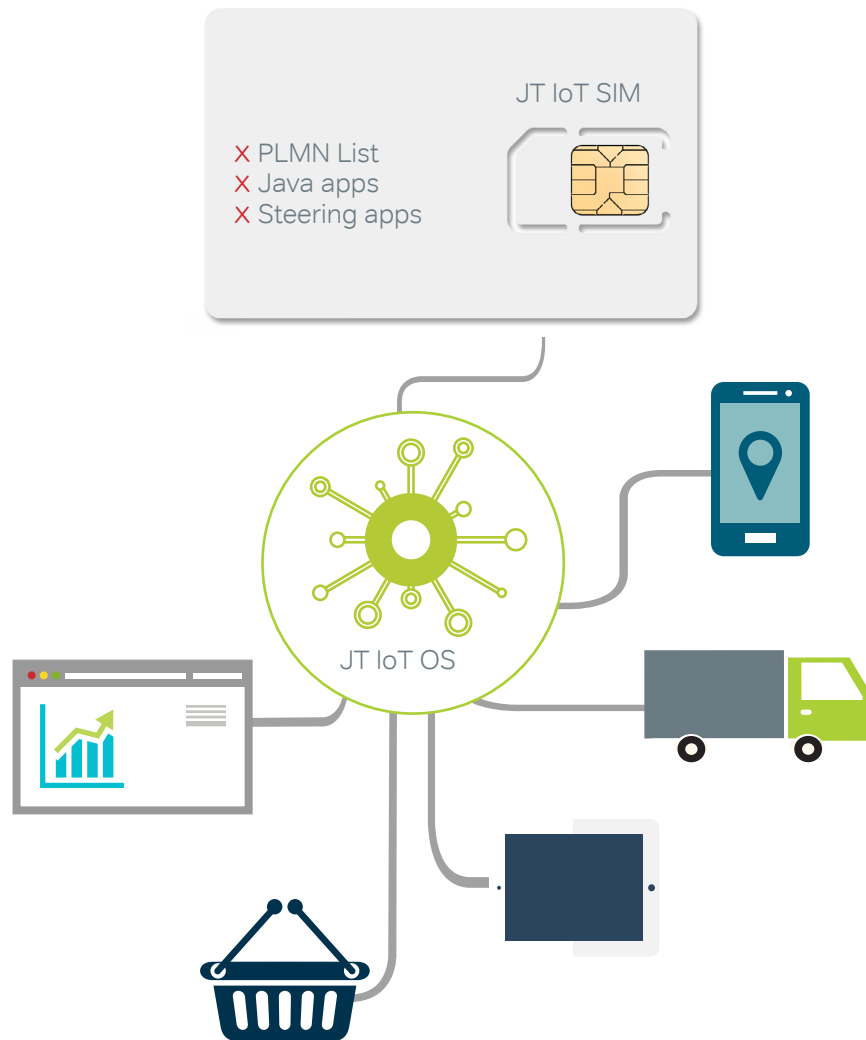


Managed Mobile WAN Service



JT (formerly Jersey Telecom) has designed a Managed Mobile WAN Connectivity solution from the SIM up. JT IoT SIMs (all SIM form factors available) have no superfluous code or settings. There are no PLMN lists, Java or steering apps. Everything on the SIM is focused on the JT IoT OS, with the objective of ensuring the device and the network manage connectivity, not the SIM.

About JT IoT — A Managed Mobile WAN

JT have over 600 roaming agreements operating successfully in nearly every country. Our geo-redundant, highly resilient network architecture supports some of the world's largest financial institutions. The Mobile Core has been entirely refreshed in the past 12 months, with clearly defined and regularly audited change management processes to ensure unparalleled network reliability.

Managed Mobile WAN Service Features



- **SIM Management Platform**

JT's clear and easy to use NOMAD platform provides deep network control and insight of the customers' SIM estate.
- **Persistent Mode Support**

JT has always supported and will continue to support this mode. JT's recent network core upgrade provides it with functionally limitless network capacity.
- **Geo Fencing**

Ability to set a Geofence around a network, area or Cell ID(s) and receive email notification and/or suspend the SIM if it moves.
- **Non-Steered, Open Roaming SIM**

Free network attach and detach from every network in the UK and 600 other networks globally. Absolutely no logic on the SIM or in the JT network that prefers a particular provider, unless upon request.
- **Real-time Data**

JT's NOMAD platform obtains data from a Diameter not Radius server. This provides, real-time information on session activity, which network the device is attached to, its Cell ID as well as the past 48 hours of sessions.
- **Fixed Private IP**

Fully redundant MPLS or VPN Interconnect is available. As well as the ability to use JT DHCP scope with customers' own IP range through JT's network to the SIMs.
- **Location Services**

Real-time mapping of SIM location to single Cell ID resolution. Currently works on O2, EE, Three.
- **Install Ready Mode**

Configure operational tariffs to start charging only when commercial data commences.
- **Direct SMPP Bind for SMS to devices**

For device management, the customer can send an SMS to their SIMs from NOMAD.
- **SIM Form Factors**

All SIM form factors from 2FF to embedded are available.
- **Dynamic Coverage Control**

Dynamically take networks in and out of usage on groups or individual SIMs for diagnostic purposes. If a single device is having issues, it can be temporarily removed from a network, the SIM rebooted and re-tested. This removes the mobile network as a cause of problems when fault finding.
- **Test Ready Mode**

First 50kb of data free of charge.

Unique NOMAD Platform Features



JT's SIM Management platform offers unrivalled depth and breadth. Uniquely among Tier 1 Telecom Operators, JT opens its network controls to customers as widely as possible.



Real-time, function rich estate management



Network attachment, HLR statistics, deep reporting



Well developed API with fast calls, constant development



Real-time diagnostic platform



Dynamic coverage selector, location information



Your own domain with branding, customised commercials and a portal for your customers and channel partners



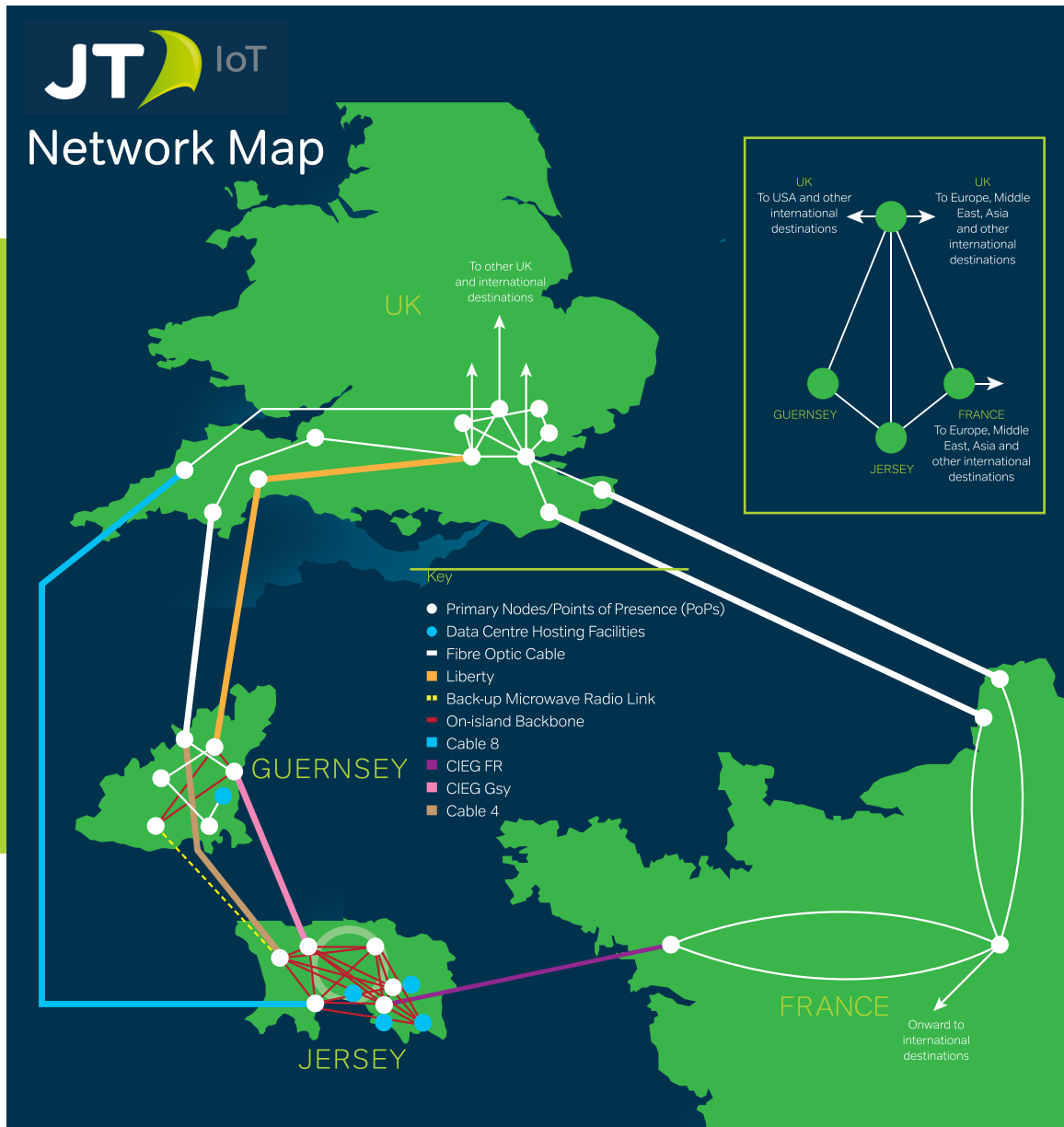
Prepaid & postpaid models



Test kits available



Support multiple LPWAN technologies



Features

- Brand new Mobile Core.
- Capacity-Rich in every way.
- Geo-Redundant load Balanced GRX via Paris and London.
- 5 CI Tier 3 Data centres, 5 POPs in Paris and London.
- JT's IoT WAN runs on the same network that supports several global organisations, including HSBC, BNP Paribas, SportingBet, Kraft, Covidien, Santander, BBC, Bloomberg.
- JT's security and service management procedures are regularly audited to the highest level by our customers.
- ISO 27001 certification in process. ITIL procedures well developed.

JT High Level WAN

JT's WAN architecture provides multiple paths through the UK and Europe. Our GRX (Mobile Operator Internet Backbone) routes through both Paris and London, ensuring full redundancy.

JT Mobile Core Topology

