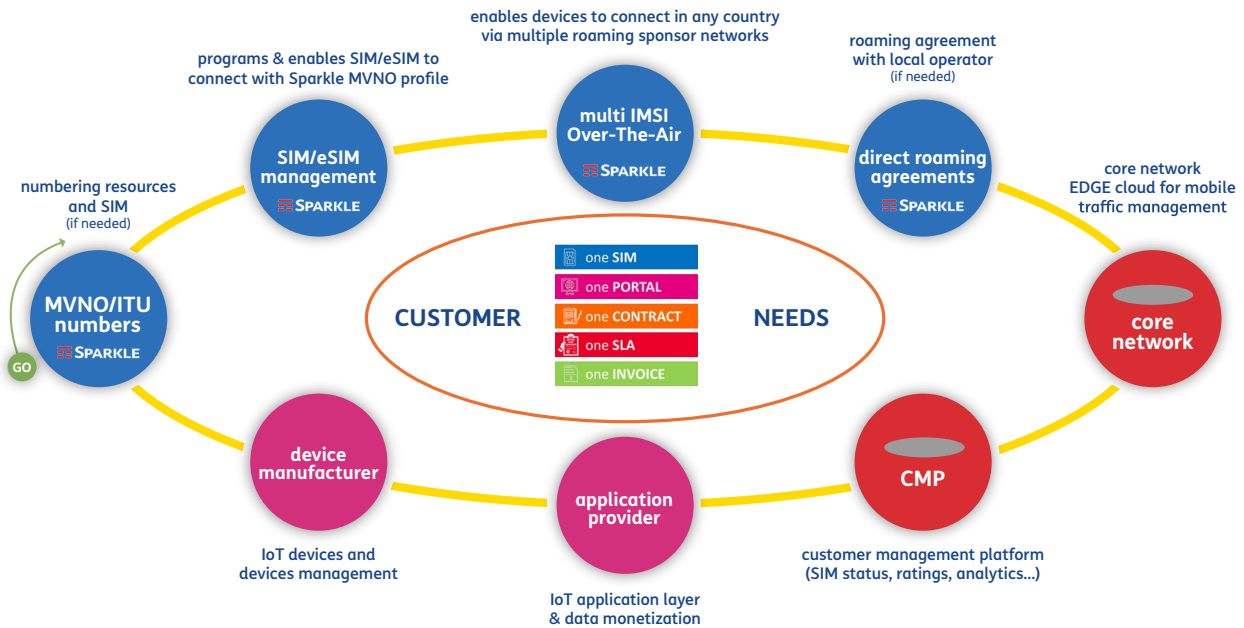# IoT Global

The Managed IoT Connectivity solution to control your IoT devices, wherever deployed, with our multi layered Connectivity Management Platform

**EE SPARKLE**

TISPARKLE.COM

# SPARKLE | IoT Global

## Sparkle IoT Galaxy



enables devices to connect in any country
via multiple roaming sponsor networks

programs & enables SIM/eSIM to
connect with Sparkle MVNO profile

roaming agreement
with local operator
(if needed)

**SIM/eSIM
management**
SPARKLE

**multi IMSI
Over-The-Air**
SPARKLE

**direct roaming
agreements**
SPARKLE

core network
EDGE cloud for mobile
traffic management

numbering resources
and SIM
(if needed)

**MVNO/ITU
numbers**
SPARKLE

GO

**CUSTOMER**

- one **SIM**
- one **PORTAL**
- one **CONTRACT**
- one **SLA**
- one **INVOICE**

**NEEDS**

**core
network**

**device
manufacturer**

**application
provider**

**CMP**

IoT devices and
devices management

IoT application layer
& data monetization

customer management platform
(SIM status, ratings, analytics...)

## Value Proposition

The Internet of Things is the intelligent connectivity of physical devices, which generates huge benefits in terms of efficiency, business growth and quality of life.

Enterprises and government agencies are embracing a digital transformation that is reinventing business models to better serve customers and drive new growth. The Internet of Things has created an explosion of data that is going to move rapidly between devices and locations and across network and public cloud environments: a complex stream, difficult to coherently track and monitor.

In the IoT landscape, managed IoT connectivity services enable businesses to collect and analyse data streams and interact with them, thus providing companies with the ability to monitor, manage and control their assets associated with business processes, both manually and through automation.

Sparkle's solution tackles these global connectivity needs by helping to reduce complexity and solve the pain points related with geographically dispersed assets.

Sparkle IoT Global is a layered solution — from "connectivity-only" to "full turnkey" — that provides device connectivity, geo-localization, tracking, remote management & control and data analytics for Customers' sensors and actuators installed within assets either located in multiple countries or moving around the world.

## A New Innovative Solution

Thanks to our platform and expertise, we support companies along the entire value chain, from global connectivity through SIM/eSIM cards to device and vertical applications, through the following solution elements:

- "In-cloud" mobile core network to provide connectivity across multiple countries with extremely low latency, in order to address the different needs of any Vertical IoT use cases
- A connectivity management platform aimed at the administration and operational management of provisioning capabilities, inventory management, incident and problem management and network performance capabilities. The portal enables data presentment and business intelligence reporting & analytics in order to monitor real-time consumption and asset status
- Intelligent SIM solution to remotely provision and manage the Sparkle profiles into the Customers' M2M devices and assets
- Device and application management to simplify the extraction of data from devices and machines, transmit those data efficiently over a network and convert them into a form that is easily consumable by an IoT application to enhance decision-making capabilities

# SPARKLE | IoT Global

## Customer Benefits

- Global SIM enables the customer to connect at any cellular network without the need of physically changing the SIM
- Visibility and control of the customers' IoT devices, wherever deployed, within our global footprint
- Flexible service management web portal to manage all SIMs
- Instant connectivity thanks to more then 500 roaming agreements
- Fully virtualized, cloud-native mobile network solutions
- Access to local connectivity (ITU numbers for direct roaming agreements) in several countries or regions, including integration of existing service providers through APIs, eSIM or multi-IMSI applet

## Why Sparkle

- Global Carrier recognized as one of the top players in mobile connectivity and roaming solutions
- Dedicated Multi-IMSI Roaming solution for a global IoT coverage
- Use of TIM Group's assets and resources
- Strong experience and long-term relationships with several MNOs/MVNOs
- Future-oriented approach in a world where the nature of roaming traffic is shifting from human to machine-to-machine
- Connectivity management platform available for Customers to manage IMSI activation/deactivation, billing and traffic analytics
- Possibility to use our international numbering

## About Sparkle

Sparkle is a leading global service provider offering a full range of ICT solutions, global connectivity, services and capabilities designed to meet the fast-changing needs of Enterprises, Internet Service Providers, OTTs, Media and Content Players, Application Service Providers as well as of Fixed and Mobile operators.
With a truly global dimension and a local outlook, Sparkle stays close to its customers to understand their needs and ensure they receive the very best care.
Sparkle. The world's communication platform.

## SPARKLE