



# TRANSFORMATIONAL ESIM CONNECTIVITY

## NO MORE PHYSICAL SIM SWAPS. SLASH COSTS AND EMBRACE EASIER IOT CONNECTIONS WITH TATA COMMUNICATIONS' ESIM.

Over the coming years, billions of objects and devices will be connected worldwide across multiple mobile networks. If you're a Mobile Network Operator or device manufacturer, your challenge is getting these devices network-ready. The standard method of soldering or inserting IoT SIMs by hand is difficult and expensive – which is why Tata Communications' eSIM connectivity is a new and welcome essential.

Whether being used for M2M devices or personal devices, eSIMs are the new cost-saving, practical answer to giving your customers the flexibility, security and value they demand.

- **Easily manage enterprise devices and subscriptions** with no need for physical SIM swaps
- **Eliminate high roaming costs** by automatically switching provider when crossing borders – ideal for transportation and logistics services
- **Enable true global connectivity** through best available tariffs and multiple profiles around the world
- **Allow consumers to choose their mobile network** delivering true flexibility and an enhanced experience
- **Secure assets with guaranteed connectivity** based on the latest GSMA specifications

## GLOBAL IOT DEPLOYMENT MADE EASY

How can today's device manufacturers develop new products with an embedded option to reprogramme SIMs over the air? The answer is eSIM connectivity. The big advantages of this new technology extend to several applications:

**IoT:** M2M/IoT devices are increasingly connecting online. If you're a device manufacturer, eSIM eliminates the need for physical SIM swaps and allows several profiles to be available globally. No need to personalise the SIM in the factory – this is a fully managed service offered at minimal cost.

eSIMs work with existing SIM profiles and solutions (dual IMSI). You can change mobile subscriptions remotely – either individually or collectively.

**Transportation and logistics:** A truck can easily use 100MB of data per month while travelling in multiple countries. With eSIM, you automatically avoid high roaming costs when crossing borders, either by switching mobile network or pushing a new profile. You can remotely update entire fleet subscriptions to ensure you get the best rates and coverage – always.

Smaller fleets can benefit from added cost-effective services such as localisation, scheduling and asset management. Temperature sensing, video monitoring, email, mapping services, fleet tracking software and vehicle diagnostics are also available.

**Personal devices:** Consumer electronics, healthcare, sports and entertainment services are increasingly shifting to always-connected devices. So being able to choose connectivity provider is becoming more important. eSIM technology gives customers this choice, so they can benefit from the best tariffs and multiple profiles worldwide.

### Key features include:

- **Global coverage:** choose your global mobile network operator and easily manage enterprise devices and subscription (enable, disable, change and delete)
- **Multiple form factors:** we deliver MFF2 as well as 2FF, 3FF and 4FF SIM cards
- **Efficiency:** a single SKO means simpler production and logistic chains
- **Platform as a Service:** we fully integrate and manage new SIM profiles – so you don't have to
- **Guaranteed connectivity:** based on the latest GSMA specifications, a bootstrap profile makes it easier to download or migrate to a new operational profile to be used by an enterprise device or person. If there's a fault or problem, the eSIM reverts to this profile so you never lose the connection
- **Operational profiles:** available to download and provided by us, these can be from any mobile network operator and integrated on request. In some cases, the bootstrap profile can act as the operational profile
- **Flexible subscriptions:** choose from low-cost plans in multiple regions that meet your needs exactly, whether in a resell or complimentary model
- **Choice of model:** for M2M and IoT, our platform offers eSIM services to help manage a complete fleet of SIM cards (push model). We also provide eSIM services in a consumer model, where the customer is in control of additional SIMs or subscriptions on, for example, a wearable device (pull model).

“With eSIM, any product can now have global connectivity – we remove the barriers to enable worldwide data exchange.”

—ANTHONY BARTOLO, PRESIDENT,  
BUSINESS COLLABORATION,  
MOBILITY AND IOT SOLUTIONS  
TATA COMMUNICATIONS

### ABOUT TATA COMMUNICATIONS

Tata Communications is a leading global communications provider leveraging its capabilities and solutions for a global client base. Our network – includes one of the world's most advanced submarine cable networks and Tier-1 IP infrastructure – connects over 200 countries and territories:

- 240+ Internet PoPs and 17 DDoS scrubbing farms spread globally
- 710,000+ km of owned fibre and 600+ PoPs
- 20+ terabits of international bandwidth lit capacity
- 1.5+ million sq. ft. of data centre space across 44 locations
- 4000+ experts over 40 locations serving customers in 126 countries
- Five global service contact centres providing support 24/7/365

For the full story on Tata Communications MOVE eSIM, visit [www.tatacommunications.com](http://www.tatacommunications.com)

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