

eSIM Profile

JT IoT's eSIM Profile enables enterprise, MNO or OEM customers to integrate JT's profile into their eSIM solutions. Benefiting from over 500 roaming agreements in more than 200 countries, eSIM Profile provides a truly global intelligent connectivity solution for bootstrap, fallback or production use cases.

Main use cases



Bootstrap

JT's Profile preloaded at factory. Minimum volume of data expected to be used before network orchestration leads to another profile enabled. Quick switch to local profile.



Fallback

Preloaded JT Profile that could be used as a fallback or as both bootstrap and fallback. Used to mitigate coverage holes or absence of local provider.



Production

JT profile used for global IoT connectivity in one of the 200+ countries where JT has roaming agreements.

What is a profile?

It's the software that allows you to connect to a certain mobile operator.

What is a bootstrap profile?

A bootstrap profile comes pre-installed on the device and connects it to any available network, wherever it is in the world—out of the box.

What is a fallback profile?

An eSIM fallback profile allows devices to recover from situations where the main profile has coverage holes or is unavailable. It's the network your device 'falls back to'.

What is a production profile?

An eSIM production profile is used during the production IoT application and is the profile selected after the eSIM bootstrap profile has been changed. It is usually a profile local to the country.

Who can benefit from JT IoT eSIM Profile?

JT IoT's eSIM Profile can be used both in consumer eSIM solutions as well as industrial. The profile can be delivered to several partners:

- Enterprise customers with bespoke eSIM ecosystems
- Partner MNOs who want to extend their customers' connectivity beyond their current coverage
- OEMs or SIM card manufacturers who want to engage enterprise customers or anticipate demands from their customers

Implementing JT IoT's eSIM Profile



Global Profile

JT IoT's eSIM Profile is used in over 10 million connected devices in over 210 countries and territories around the world.



eSIM Supplier Compliance

JT IoT works with all major SIM manufacturers, which allows us to deliver a faster, more flexible and secure eSIM Profile solution. We provide rigorous testing during the implementation phase to make sure our eSIM Profile is ready to go wherever your device is.



Connectivity Management Platform

Control, automate and manage your eSIM profiles in our Nomad Connectivity Management Platform. Use our eSIM lifecycle management, data ratings and network steering tools.



Flexible Integration

Integrate your eSIM solution SM-SR (Subscription Manager-Security Routing) into our SM-DP (Data Preparation) or load the JT IoT eSIM Profile directly into the SM-DP. The eSIM Profile can be directly integrated into your eSIM or multi-IMSI solution during manufacturing.

