



Giesecke+Devrient



Solution Brief

# What is an ENO?

An Enterprise Network Operator (ENO) is a new class of IoT Connectivity Service Provider (CSP), one that puts the ownership of the IoT network into the hands of the enterprise.

## What does an ENO offer?

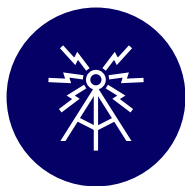
An ENO provides managed services via one centralized platform in a Network-as-a-Service (NaaS) model. These include:



Global IoT connectivity



eUICC (eSIM)



Private Cellular Networks



Innovative SIM applets

## Why an ENO?

The main benefit of an ENO is that it combines the control and visibility of its own core network, including a private LTE and 5G core, with the flexibility, customized services and global reach of a specialist in IoT connectivity.

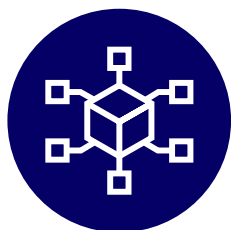
# What does an ENO enable me to do?

- ✓ **Take ownership of your network:** Traditional cellular networks were not originally designed for the IoT, an ENO gives you control of your own customized network.
- ✓ **Enjoy the power to decide:** The eSIM and the availability of spectrum for private cellular networks opens a world of new opportunities for connecting your device.
- ✓ **Simplify IoT connectivity:** Centralized management and visibility of the whole connectivity stack through one platform reduces complexity.
- ✓ **Focus on your core business:** No need to have the skill sets in house to manage telco networks, an ENO provides managed services out of the box.

## The Three Elements of Network Ownership:

Elements that have traditionally been in the hands of the MNO/MVNO such as the network and the SIM card are now under the control of the enterprise.

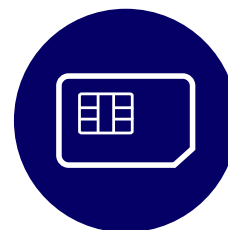
An ENO runs its own core network including a private LTE and 5G core, and controls its own IMSIs as profiles on the eSIM, giving enterprises a single SKU for global connectivity and holistic management via one platform.



ENO Network (NaaS)



ENO Platform (PaaS)



ENO SIM

The acquisition of Pod Group, the world's first ENO, by Giesecke+Devrient (G+D) in July 2021 brings more than two decades' experience of all things IoT connectivity into the G+D portfolio. G+D now allows the delivery of secure, enterprise grade connectivity and security solutions seamlessly, which is becoming increasingly important as spectrum opens up for the deployment of private LTE and 5G networks.



**Giesecke+Devrient**

Giesecke+Devrient Mobile Security Germany GmbH  
Prinzregentenstrasse 161  
81677 Munich  
Germany

[www.gi-de.com](http://www.gi-de.com)  
[connectivity@gi-de.com](mailto:connectivity@gi-de.com)

© Giesecke+Devrient Mobile Security Germany GmbH, 2023

Follow us on:

