



Telefónica

# *OPEN GATEWAY*

Network access for services of the future, 16.04.2024  
Martin Schurig, Head of Financial & Enabling Services

# A multi-telco initiative to provide standardized network access

- **Open Gateway is a GSMA-led initiative in the telco sector** that seeks to transform the communications networks into platforms
- Open Gateway will open up **telco capabilities in an interoperable, intuitive and programmable way**
- These capabilities are deployed through **global and standardized APIs under the framework of CAMARA**, the Open Source project led by the Linux Foundation in partnership with the **GSMA and >40 participating MNOs** so far



# Our APIs are developer ready



## STANDARDISED

A single development compatible with all telco networks



## AUTOMATED

Build services and applications in an agile and efficient way



## REAL TIME

Access network capabilities when needed



## ON DEMAND

Customise network services according to the needs of your application



## ONE SINGLE LINE OF CODE

Our APIs are easily programmable with a single line of code



## INTUITIVE

Really intuitive and easily integrable

# The Open Gateway API portfolio will enable use cases in various sectors

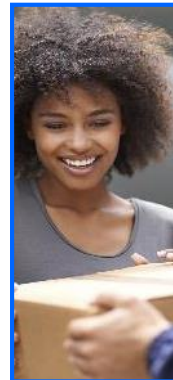
## INITIAL OPEN GATEWAY APIs

<b>Number Verification</b>	<i>IP-based verification of a customer's mobile phone number</i>
<b>KYC Verification</b>	<i>Verify a customer's personal data against data from TEF DE</i>
<b>SIM Swap</b>	<i>Find out last activation / change date of a customer's SIM card</i>
<b>Device Status</b>	<i>Check whether a device is roaming / if logged in 4G or 5G</i>
<b>Carrier Billing</b>	<i>Bill digital services over the customers phone bill</i>
<b>Device Location</b>	<i>Verify a devices position within the network</i>
<b>Quality on Demand</b>	<i>Prioritize data traffic of a customer for a certain use case</i>

Roadmap includes enhancements of QoD API, APIs for logistic use cases and APIs supporting Web3 and Metaverse business models

## Example Use Cases

★ Launched on MWC 24 in partnership with Deutsche Telekom, Vodafone and Vonage



### Silent User Authentication

API: Number Verification

Verification of a new customer's phone number during set up of a new account (alternative to frequently used SMS-based verification)

Customer: E-Commerce portals, social networks, financial institutions



### Fraud prevention

API: SIM swap

Identification of potential fraudulent transactions by checking the SIM status before sending an SMS one-time-password

Customer: E-Commerce portals, financial institutions



### Asset tracking

API: Device location

Verify the location of an asset equipped with a SIM module, without the necessity for a separate GPS tracker

Customer: logistic providers, providers of IOT-based business models



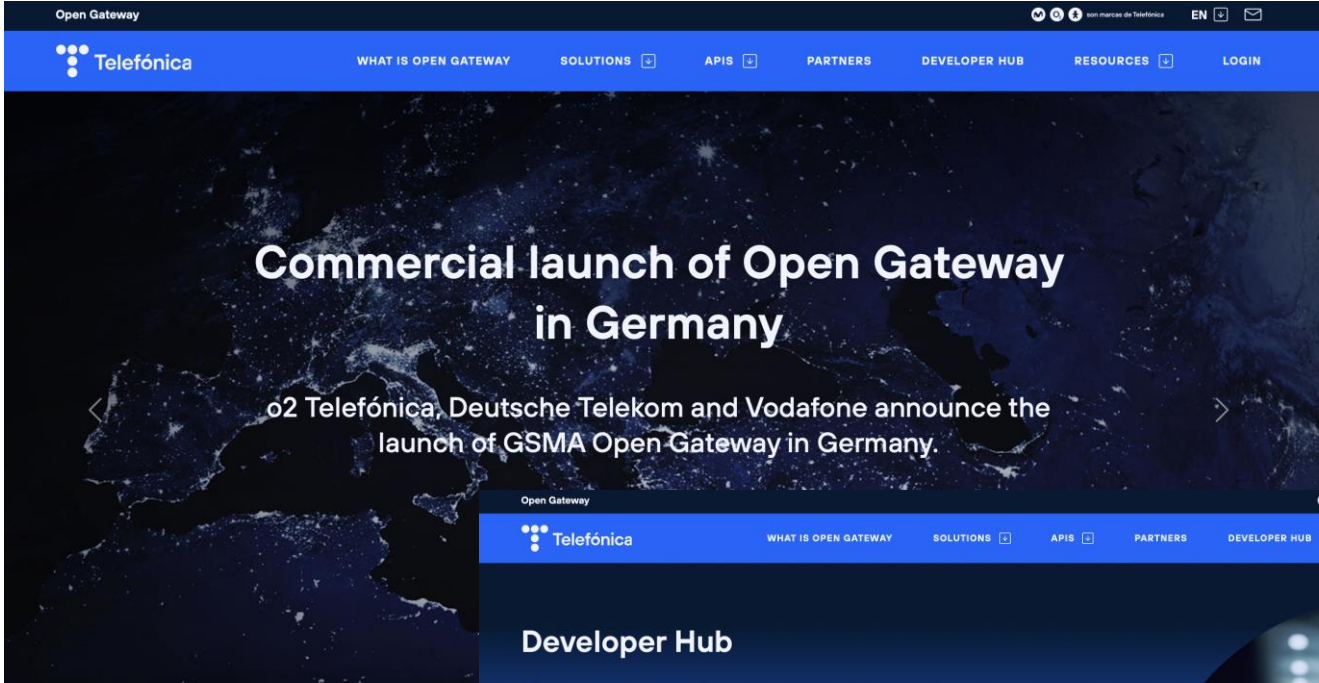
### Critical data transmission

API: Quality on demand

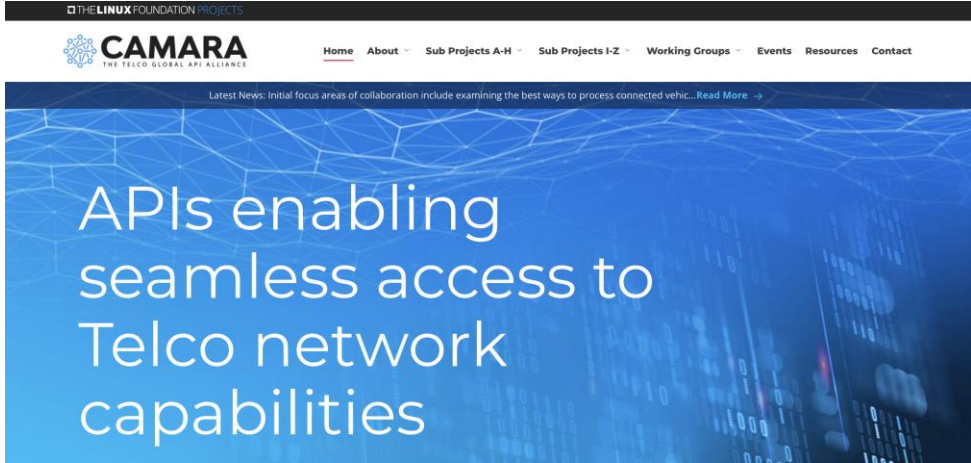
Temporary prioritization of critical data transmission (e.g. stream of a security cam in an emergency) in a congested mobile network cell

Customer: public and security authorities, public transport

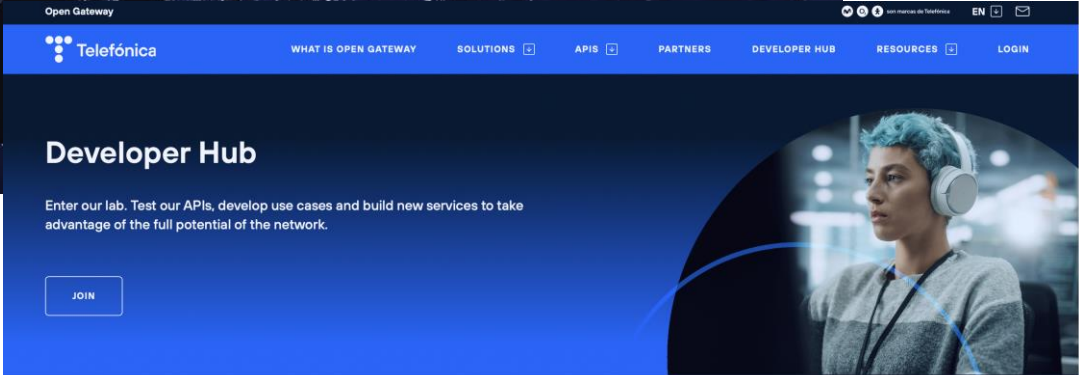
# Find out more about Open Gateway and join the Developer Hub



<https://opengateway.telefonica.com/en>



<https://camaraproject.org>





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