API Datasheet
QoD Mobile

Are you ready to make the most of the future networks? The Open Gateway QoD service will empower all your applications to connect quickly and easily to the networks of the future… now. Discover the benefits and power of the QoD service.

CHARACTERISTICS

- **Adapt the network of your clients to the needs of your application using pre-defined policies**

- **Control when and how long the network optimization will be applied and pay only for what your application needs**

- **Receive events and information about the network status and performance of your application**

INDUSTRIES

FINANCIAL SERVICES & INSURANCE   ECOMMERCE & RETAIL

ICT SERVICES   TRANSPORT & LOGISTICS

TRAVEL & HOSPITALITY   CUSTOMER ENGAGEMENT

DATA DRIVEN MARKETING   INDUSTRY & MANUFACTURING

MEDIA, ENTERTAINMENT & XR

SERVICES
CONECTIVITY

PRODUCT FEATURES

- ❖ A standardized API streamlines quality on demand integration and consumption for developers, eliminating the need for custom implementations per telco operator, thus expediting development and reducing time-to-market.

- ❖ The standardized API offers consistent access to diverse telco capabilities, like network performance (latency and throughput), availability and security via a single interface, ensuring uniformity and versatility across various operators and markets.

- ❖ The standardized CAMARA QoD Mobile API provides uniform access to telco capabilities, ensuring a consistent consumption of quality on demand and adaptation of the network to the application requirements regardless of the operator.

BENEFITS

- ✓ Easy to set up and developer-friendly set of APIs that can be integrated in your applications quickly and require very few resources

- ✓ All the power of the network at your service to build the better possible experiences for your clients in all situations

- ✓ Focus on your application's core logic and algorithms and do now worry about corner cases and workarounds related to unknown networking conditions

POPULAR USE CASES

GAMING
MEDIA, ENTERTAINMENT & XR

Services: Connectivity

The QoD Mobile service enhances the gaming industry with the seamless detection of the network status and the configuration of the best suited QoD policy for utmost graphic quality and real-time interaction with the game, since victory can be a matter of milliseconds. The service ensures your gamers can focus on their gaming skills and forget about networking for an uninterrupted gameplay.

VIDEO CASTING AND STREAMING
INDUSTRY AND MANUFACTURING

Services: Connectivity

The CAMARA API empowers smart cities' mobility sector with carrier billing, enabling effortless payments for ride-sharing, public transport, parking, and bike-sharing services. Users can pay directly through their mobile carrier accounts, simplifying the payment process and enhancing convenience in smart city environments.

INDUSTRY 4.0
MEDIA, ENTERTAINMENT & XR

Services: Connectivity

Industry sectors are on their journey to digitalization. Mobility, automation and cloud integration are big challenges to overcome but they need utmost quality performance. The QoD service offers the interaction with the network and the activation of policies that offer the ultra-reliable and real-time communications that are required for new digital industrial applications.

GETTING STARTED WITH MOBILE QoD SERVICE

01 CHOOSE A CHANNEL PARTNER

Select the channel partner that fits best with your needs and business goals. Contact an expert to get more information about the channel partners availability or to become a new Open Gateway Partner.

02 DEVELOPER REGISTRATION

You must register both on the Channel Partner and on the Telefónica platform before you can start consuming the QoD service APIs.

03 QoD SERVICE API CONSUMPTION

Once you have completed the steps above, you are ready to consume the QoD service APIs and subscribe to the QoD events through the channel partner's interfaces.
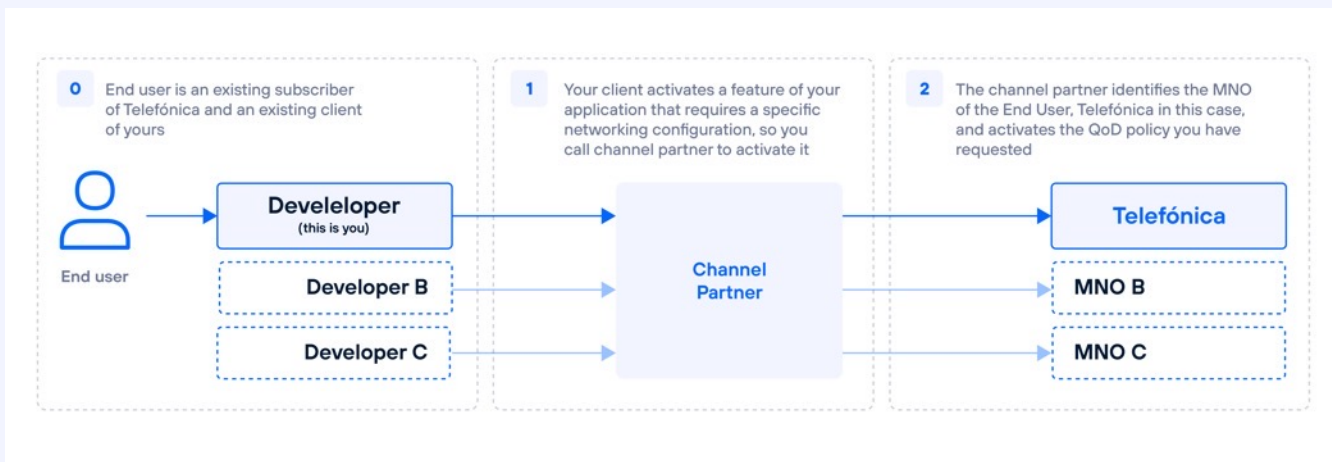
04 PRIVACY MANAGEMENT

Before you start managing your customer's network configuration, you must ask them to accept the terms and conditions for your application to apply the QoD policies to their subscription.

PRODUCT SPECIFICATIONS

API DOCUMENTATION	https://telefonica.github.io/opengateway-technical-documentation/qod-mobile/
INPUT PARAMETERS	**Identifier of the end user where the QoD profile must be configured** **Identifier of the network profile to be activated on the previous end user network** **Expected duration for the QoD sesión** **[Optional] webhook where the developer expects to receive asynchronous events**
SERVICE RESPONSE	**Identifier of the QoD session created**

EXAMPLE USER FLOW