

Telefónica Open Gateway + Telefónica EAP (Early Adopter Program)

Executive summary

- At MWC 2023, GSMA unveiled the **GSMA Open Gateway** project, a **global initiative to transform telecommunications networks into future-ready platforms**, revolutionising the role of telcos in the digital ecosystem.
- GSMA Open Gateway exposes **telco network capabilities in an interoperable, intuitive and programmable way through open and standardised APIs**, allowing service developers to innovate new applications and functionalities, which will benefit developers, enterprises, end users and, ultimately, the entire digital ecosystem and society as a whole.
- Telefónica, an active part of this initiative, is redefining through its networks the way in which new digital services are developed, their relationship with the ecosystem in general and with the user in particular, **promoting a much more agile environment for innovation and the creation of new generation services**.
- What are **APIs** (Application Programming Interfaces)? APIs are lines of code that allow two software components to communicate with each other through a set of protocols. In the case of the GSMA Open Gateway, APIs enable tasks such as obtaining information from the network or configuring the network for a specific purpose.
- The open APIs will be **available through the marketplaces of the main digital companies**, so that developers can create services in a multitude of sectors: Fintech, Identity, Anti-Fraud, Smart Mobility, Gaming, Web3 or Metaverse, among many others.
- To bring these APIs to developers, Telefónica today presents its own **EAP (Early Adopter Program)** together with strategic partners such as Amazon Web Services (AWS), Google Cloud Microsoft Azure or Vonage, initially in Spain and soon available in more countries. These strategic partners currently concentrate the main developer ecosystems at a global level.
- The EAP is a free programme that allows **pre-commercial access** to a portfolio of APIs to develop use cases on Telefónica's standardised telco production services. In other words, the APIs will be consumed on Telefónica's real systems. Among the API-based services available are: QoD mobile network, QoD in fixed network, Device Location or Carrier billing.
- All the bases of the programme, as well as Telefónica's value proposition in the context of Open Gateway are available on the new website presented at MWC23: <https://opengateway.telefonica.com/en>
- Telefónica started its internal transformation to make Open Gateway a reality several years ago, thanks to successful initiatives such as **Kernel** (the AI-powered digital core at the heart of Telefónica) and its softwarised and programmable networks.
- Telefónica works with customers and partners, leading the debate to understand what capabilities in the network or other platforms bring real value to their applications, services and businesses. To this end, its **fixed and mobile networks are equipped with the cutting-edge technology needed** to deliver ultra-fast response times, ultra-low latency, reliable connectivity, enhanced security, device information, predictive coverage and more.
- These capabilities allow Telefónica to open its networks faster, **guaranteeing data privacy** and giving its customers control over their data.