

BLOCKCHAIN



TrustOS



HOW CAN TELEFÓNICA TECH HELP?

We simplify the adoption of Blockchain in your products and solutions.

Both enterprises and SMEs face common barriers when trying to adopt Blockchain or get into new technology industry services under the Web3 umbrella. They are often unaware of the real benefits Blockchain can bring to their business, have limited regulatory knowledge and lack the resources to take advantage of this technology. As a result, they believe Blockchain is out of their reach.

Even when they decide to implement Blockchain or integrate with Web3 solutions, the same questions arise: What technology should I use? Is it mature enough? Private or public network? Should I join a consortium? Will my solution be scalable?

We want to offer you the additional transparency and trust that Blockchain provides, with TrustOS, regardless of your company's size or technology profile. The TrustOS philosophy is to be a **managed Blockchain cloud service** that simplifies the connection between your traditional services and platforms with Blockchain, without you having to worry about technology, networking, transaction signing or cryptography.

TrustOS hides the complexity of Blockchain and exposes simple HTTP APIs that allow you to add traceability and transparency to any asset or certify digital evidences.

WHO IS THIS SERVICE FOR?



Companies of any size

If you have some development capacity, you will be able to use TrustOS through simple HTTP API calls, like any other service on the Internet.



Organizations with decentralized operations

If you manage complex information exchange ecosystems or take risks when sharing data with third parties, TrustOS offers you the ability to verify any information without the possibility of repudiation, whether it is documents, multimedia content, contracts, minutes, among others.

OUR VALUE PROPOSITION

Our service

TrustOS is Telefónica's managed Blockchain service in the cloud, which integrates a decentralized layer based on smart contracts deployed in different Blockchain networks. It offers basic Blockchain functionalities through libraries and HTTP APIs, simplifying the integration of Blockchain into your business logic.

We build a trusted ecosystem with TrustOS that allows you to use Blockchain without having to deal with technological complexity. Our unique hybrid architecture combines the best of public and private Blockchain technologies, allowing you to enjoy the transparency and trust of public networks along with the performance and scalability of private networks.

What does it allow you to do?

TrustOS has four main modules that cover 90% of Blockchain-based solutions:

- › **API TRACK:** Traceability applications that allow you to track the lifecycle of any asset.
- › **API TOKEN:** Tokenization applications to create transferable value using cryptographically secure tokens.

- › **API CERT:** Certification solutions to certify any type of information or digital content.
- › **API ID:** Applications that manage decentralized identities and verifiable credentials.

Each module is designed to be easily integrated into your company's business logic.

Benefits

Simplification in the use of Blockchain

TrustOS facilitates the integration of Blockchain in your current systems and solutions, increasing the reliability of information and trust in your operations, without requiring specialized knowledge in technology.

Innovation and brand image

Incorporating Blockchain in your products improves your customers' perception of the quality and innovation of your solutions.

Adaptation to new technologies

TrustOS incorporates connectors with the latest Blockchain networks on the market. If a new technology emerges, you won't have to worry about integration, just select the new network and start registering your information.

Facilitates regulatory compliance and third-party verification.

The use of Blockchain improves the transparency of your operations, simplifying compliance processes and allowing third parties, such as customers, regulators or auditors, to verify your company's activity without exposing your information.

Telefónica Tech's differential value



Presence in sector forums and consortiums

We are part of national and international forums and consortiums (Alastria, INATBA, LACChain, etc.).



Multi-technology platform

We offer interconnection with public and private networks, collaborating with leading partners in the Blockchain/ Web3 industry (Hyperledger, Polygon, Chainlink, etc.).



Service levels equivalent to other telco services

We ensure a level of service in accordance with Telefónica's quality standards for all technology levels.

BUSINESS MODEL

TrustOS is a **pay-per-use service**, with an annual subscription that includes activation and use of the service, and different steps depending on the transactional volume of information you wish to register.

RELATED PARTNERS



RELATED SERVICES

AI & Data Consulting

We design a master plan of transformation around data using as a lighthouse the priorities of your business and building from them the technological ecosystem of IoT and Artificial Intelligence with the aim that your company takes advantage of the potential of these new technologies and obtain new lines of revenue, optimize costs or reduce risk.



Hybrid Cloud

We drive your growth with multicloud solutions from our partners:

AWS by Telefónica Tech 

Microsoft Azure by Telefónica Tech 

Google Cloud Platform by Telefónica Tech 

Oracle Cloud Platform by Telefónica Tech 

We also offer the Telefónica Tech Cloud Platform service, an integrated Cloud solution from on-premises to our Data Center and Edge, with multiple telco connectivity alternatives and local nodes in seven countries.

Telefónica Tech Cloud Platform 

Private Mobile Networks

The industrial network enables critical business operations, ensuring continuity, flexibility, and mobility of processes, in order to favor the rapid adaptation of production chains. It allows real-time response with low latency depending on the criticality of the business.



Contact us to start the digital transformation of your organization.

