

Atrebo

Telecommunications infrastructure digitalisation through blockchain technology.

A benchmark project in the use of digital assets in the management of telecommunications infrastructure

A total scope of more than

200.000

infrastructures

Possibility of new business models such as tokenization of towers or the trading of individualised rights to a specific tower based on the issuance of NFTs



Challenge:

Atrebo manages more than 200,000 telecommunications infrastructures, including towers and other sites. On its TREE platform, infrastructure managers have access to real-time status information, providing operational and logistical traceability and transparency.



Solution:

We will facilitate the use of **TrustOS** where the more than 200,000 infrastructures that they manage will be registered. Once a tower has been digitalised and created as an asset within TrustOS, the use of Blockchain will make it possible to easily certify and audit not only its current status, but also the history of the actions carried out on it. Thus, the platform will record incidents and all the relevant information about its activity. In addition, it will provide transparency in all related processes, such as the creation and modification of contracts, where any changes that may arise will be updated, ensuring operators a reliable solution.



Results:

- Traceability information makes it possible to discriminate between the different towers and estimate profitability according to their locations, the equipment incorporated, their state of conservation or the accumulated incidents and repairs.
- The implementation of Blockchain enables innovation in this industry and the development of new business models such as tokenization through NFTs.
- A disruptive project in the sector that will become the market standard for auditing this type of information.

Why Telefónica Tech?

Telefónica Tech is a leader in the integration of next generation systems and technologies for digital transformation. We put the most advanced technologies in Cyber Security, Cloud, IoT, Big Data, Artificial Intelligence and Blockchain at the service of companies, organisations and public administrations to make their processes and businesses more efficient, sustainable and resilient.

We are the digital business unit of Telefónica, a global company that has been contributing to the development of industry, the economy and society for 100 years.

Let's continue working together to transform the world.