IOT & OT SECURITY

IoT & OT Security Professional Services

| HOW CAN TELEFÓNICA TECH HELP?

Our professional services in industrial cyber security allow you to assess the level of resilience of organisations and plan for continuous improvement of their security

Industrial organisations have, until relatively recently, been keeping their operational environments seemingly isolated. In this context, physical protection of the environments constituted the main security strategy and seemed to be to some extent effective. However, reality shows that the situation is different. The need to **provide remote access** or to **centralise information on production processes**

has led to connecting these environments, on many occasions, in **an uncontrolled manner.**

Telefónica Tech's OT&IoT Professional Services allow us to assess the current situation of each organisation and define security master plans to improve the organisation's security posture.

| WHO IS THIS SERVICE FOR?

Medium-sized organisations that need to know the actual security status of their operational environments (OT) and plan actions to increase their level of resilience and compliance with applicable rules and regulations.

Large organisations that may already have an advanced level of IT security maturity, but have not reached the same level in OT infrastructures, or have only recently acquired them.

All types of organisations that, although they have undertaken some consultancy work, **have failed to define a security master plan that sets out a clear path for continuous improvement.**

Our service

The service makes it possible to assess the level of cyber security of OT environments using the ISA/IEC 62443 standard as the main reference. This assessment is carried out by combining the analysis of information and documentation provided by the organisation with a technical assessment based on the analysis of network traffic captured in these environments.

A regulatory compliance assessment against ISA/IEC 62443 or others that apply to the sector in question (e.g. NERC for the energy sector, LPIC in critical infrastructures) can also be provided. Ethical hacking activities are also included to assess the security level of infrastructures.

What does it allow you to do?

This service will allow you to:

› Have **visibility** of **operational environments** (assets, communications architecture) and knowledge of their security level.

› Have a **proposed security architecture and solutions in place.**

› Define an **industrial cyber security master plan** to establish a roadmap for the implementation of solutions.

Benefits

Activity report

Our team is responsible for the preparation and presentation of a report summarising the activities carried out, cyber security findings and recommendations for improvement.

Security master plan

As a complement to the report, it is possible to extend the activity by drawing up a security master plan that allows a roadmap to be drawn up for the implementation of cyber security solutions and to achieve the established security levels by defining targets to help monitor progress.

Proposal of recommended solutions

The catalogue of existing products and services complements the solution by offering specific proposals to implement the actions identified in the master plan.

Telefónica Tech's differential value

Execution by a team specialised in industrial cybersecurity with experience in multiple projects in different sectors and with certifications in the field (ISA/IEC 62443, CCI Black Belt, GICSP, etc.).

Proposal complemented by a catalogue of products and services aimed at implementing a master plan for achieving the desired level of security based on the current state of the organisation.

TEAMS & ACHIEVEMENTS

BUSINESS MODEL

Our team

› **Specialised industrial cyber security consulting and operations team.**

› **ISA/IEC 62443, GICSP** certification and **ICC black belt.**

Achievements

› **+20** cyber security consultancies for different sectors, including the electricity sector, hydrocarbons, food industry, water treatment, logistics and theme parks.

The service is customised to the **specific needs of the client** and is priced according to the size of the infrastructure to be assessed.

To this end, the service is structured in different modules that can be contracted separately:

› Agile industrial cyber security consulting.

› Regulatory consulting.

› Pentesting services.

› Cyber security services for robots.

RELATED PARTNERS

ALIAS ROBOTICS
Robot Cybersecurity

GOVERTIS
Part of Telefónica Tech

RELATED SERVICES

IoT&OT Security Monitoring

A comprehensive solution for asset visibility and threat detection through traffic analysis, offered as a managed service by Telefónica Tech Cyber Security & Cloud as part of a SOC specialising in industrial and healthcare environments.

Perimeter Protection

A solution based on the design and implementation of a network architecture that allows the segregation of IT and OT environments as well as network segmentation of the OT environment, complemented by additional technologies to advance the application of ZeroTrust models.

flexSITE

A solution that integrates SD-Branch services (WiFi & LAN, secure SD-WAN) for the end-to-end of your business network.

Contact us to start the digital transformation of your organization.