

MISSION CRITICAL SOC

# Industrial Cyber Security Assessment

## HOW CAN TELEFÓNICA TECH HELP?

Our professional services in industrial cyber security allow to assess the level of resilience of organizations and to plan the continuous improvement of their security.

Organizations of an industrial nature have, until relatively recently, been keeping their operational environments isolated or connected in a limited way to the Internet and other external networks. In this context, physical protection of the environments constituted the main security strategy and appeared to be effective to some extent. However, the competitive environment faced by organizations makes it unfeasible to continue working in this way.

The need to **provide remote access or to centralize information from production processes has led to connect these environments, in many occasions, in an uncontrolled way.**

Our **OT & IoT Professional Services of Telefónica Tech** allow us to make a **survey of the current situation** of each organization and define security master plans to **improve the security posture** of the organization.

## WHO IS THIS SERVICE FOR?



**Medium-sized organizations 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 the rules and regulations that apply to them.



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



**All types of organizations that**, even though they have done some consulting, **have not been able to define a security master plan that establishes a clear path for continuous improvement.**

## OUR VALUE PROPOSITION

### Our service

The service allows to evaluate the cyber security level of OT environments taking as main reference the ISA/IEC 62443 standard. This assessment is performed by combining the analysis of information and documentation provided by the organization with a technical assessment based on the analysis of network traffic captured in these environments.

A regulatory compliance assessment can additionally be provided regarding the aforementioned ISA/IEC 62443 or others that apply to the sector in question (e.g. NERC for the energy sector, LPIC in critical infrastructures). 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.
- › Having a **proposal for security architecture and solutions**.
- › Define an **industrial cyber security master plan** to establish a roadmap for the implementation of security solutions.

## Benefits

### Activity report

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

### Proposal of recommended solutions

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

### Security master plan

As a complement to the report, it is possible to extend the activity through the development of 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 milestones that help to monitor progress.

## Telefónica Tech's differential value



Execution by a team specialized in industrial cyber security 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 portfolio of products and services aimed at implementing a master plan to achieve the desired level of security based on the current state of the organization.

## EQUIPMENT, TEAMS, AND ACHIEVEMENTS

### Our team

- › A team specialized in **industrial cybersecurity consulting and operations**.
- › **ISA/IEC 62443, GICSP** and **CCI** black belt certifications.

### Achievements

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

## BUSINESS MODEL

This service is tailored to the specific needs of the customer and is priced according to the size of the infrastructure to be evaluated.

For this purpose, 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



## RELATED SERVICES

### OT & IoT Security Monitoring

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



### IT & OT segregation and OT segmentation

A solution based on the design and implementation of a network architecture that allows segregating IT and OT environments as well as segmenting OT environment networks, complemented with additional technologies to drive the application of ZeroTrust models.



### Cloud WiFi/SD-LAN

Optimize the service with integrated connectivity at your site, creating an SD-Branch solution governed by the same policies across the network and managed from a single dashboard that controls all your



Contact us to start the digital transformation of your organization.

