

■ CASE STUDY

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# Implementation of an ISMS ENS+ISO 27001 in a Micro-Startup

01

# Introduction

Our client is a **micro-startup of five people** that develops cutting-edge software for the demanding healthcare field using artificial intelligence.

**The company is completely offshore:** they have everything in the cloud and do not have their own offices or technological infrastructure, beyond the personal computers of the five people who compose it.





# 02

## Problem/challenge



For business and internationalization reasons (despite its size) our client needed to **implement an ISMS that complied with ISO 27001 and the National Security Scheme and certify it in less than four months**, starting practically from scratch.

The requirements of both ISO 27001 and the National Security Scheme are invariant regardless of aspects such as sector, size or location of the organization. And it is a fact that, in general, it is much more complicated and proportionally much more expensive to implement a cybersecurity framework in a micro-company than in a medium or large company, due to the scarcity of resources.

03

## Upgrade performed

After a **thorough gap analysis** of the organization against the requirements of both frameworks, we proposed to make an interpretation of them “tailored” to our client, trying to simplify as much as possible the monitoring and, above all, the operation of the ISMS.

Finally **we designed and developed an ISMS** with very simple, very specific do-

cuments, adapted for its application by a micro-company in which five people divided the “standard” functions of any organization: product design and development, testing, marketing, people management, finance, infrastructure management, purchasing / contracting, R&D, customer service... and now also cybersecurity.



# 04

## Benefits obtained

At S2 Grupo we have always been against complex document systems, even when working with large multinationals. **We focus not on regulatory compliance but on simple planning and operation, as well as on maintenance and improvement.** We axiomatically limit the number of documents to the minimum necessary and reduce their complexity as much as possible.

Obviously, the main objective of any ISMS is to offer a high level of cyber protection and to maintain it over time. But it is no less important that **the ISMS is simple to understand, simple to deploy, simple to operate and simple to “navigate” and move around.** And all this also results in an ISMS that is easy to supervise and audit.







With the completion of this project the client obtained:



**An ISMS that was implemented progressively** and with relatively little effort.



**Certification with ISO 27001 and ENS in record time** thanks to the collaboration of all the members of a staff of only five people.



**The resulting ISMS**, thanks to its simplicity, was also **prepared to adapt to the natural evolution of the company**, which has already grown from five people at the beginning of the project to more than double that number today.





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