



# EUROPEAN CONFERENCE ON QUALITY IN OFFICIAL STATISTICS 2024 ESTORIL - PORTUGAL



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QUALITY IN OFFICIAL STATISTICS  
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# When security meets privacy we enhance quality

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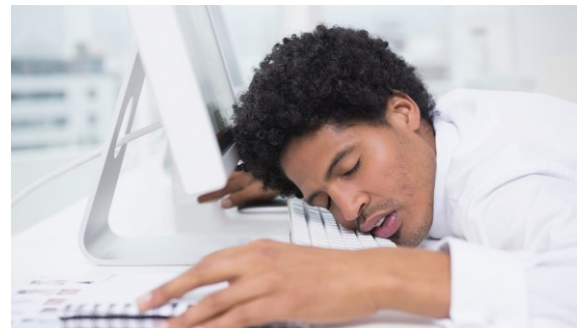
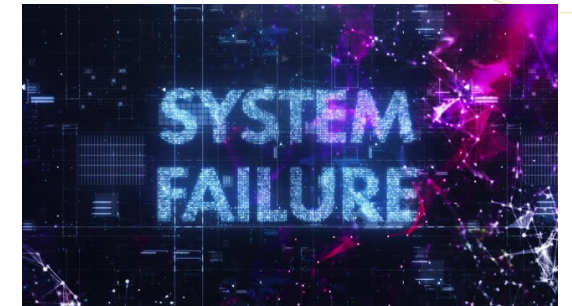
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# Why security management system





# Why security management system

**Common framework of basic principles,  
security procedures and measures, that:**

**Risks assessment** -> What to do

**Compliance** with law

**Commitment** with respondents

**Protection** of systems

**Respond** to threats

**Prevention** of crash

**Recovery** planning

**Improve** continuous processes's security



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# Security management system for

Ensuring:

**Access**

**Confidentiality**

**Integrity**

**Traceability**

**Authenticity**

**Availability**

**Conservation**

of the data, information and services



# Must be something real

The security level is the result of an **evaluation** process

## Low level

Self statement is enough

## Medium level

Mandatory certification

## High level

Mandatory certification

More demanding: measures, recovery process,  
control....

## Options

ISO27001

NIST SP 800-53

ENS – MAGERIT

COBIT



# Security management system elements



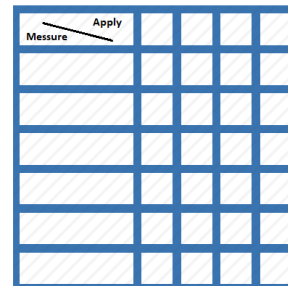
1 Security and Privacy **Policy**



2 Privacy and security **regulation:**  
security document



3 Setting the **Scope**



4 Statement of **Applicability**

5 Systems **Categorization**

6 Risk **Analysis**



## **Security and privacy policy**

Highest level Policy. Sets:

- Objectives
- Legal and regulatory frameworks
- Security/privacy roles or functions
- Guidelines

## **Privacy and security regulation: security document**

It establishes technical and organizational measures necessary to guarantee the security of protected information (statistical information and personal data) and services





## The scope

The **information systems** that **support** business processes for the **collection** of information, data **storage**, statistical **exploitation**, statistical **analysis** and **dissemination** of the results of statistical operations established through the current law of the Basque statistics plan, as well as the auxiliary systems to support their management



## Statement of Applicability

The document that formalizes the **list of security measures that must be applied** to an information system according to its category.

## Systems Categorization

**Identification** of the **information and services** that are going to be secured and their business impact analysis

## Risk Analysis

Process that includes the identification of computer **assets**, their **vulnerabilities** and **threats** to which they are exposed, as well as their **probability of occurrence** and their impact, in order to **determine** the appropriate **controls** to accept, reduce, transfer or avoid the occurrence of the risk



# No more no less

Our Security Managements System is built on both organizational and **operational procedures** which are **integrated** in our quality system for the IT Department (**ISO 9001**)

An information security framework is a **tool** for risk management, cyber-resilience and operational improvement

**ENS security framework** guides and organizes our efforts to improve our processes and information systems.

**Be aware** of failures, evaluate, and **take action**



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# Thank you very much!!



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