Ref: EBENSEC

Computer security

Essential concepts and protection techniques for the user

Goal

The aim of this training course is to give an overview of the security problems associated with the use of IT tools, to understand how they occur, what they involve and, above all, how to prevent them so as not to fall victim.

Target audience	Prerequisites	Estimated time **to study the essential modules**
Any user of a digital device (computer, tablet, smartphone) who wants to understand the risks and actions to be taken to avoid and/or counter IT threats.	A few basic notions of computing are useful to help you understand.	1:22h

Educational content

▸ **The essential module**

Computer security - Essential concepts and protection techniques for the user

📹 Video	This module provides educational videos of a total duration of 1:22h.

- **Safety concepts**
    - Threats to data
    - The 5 pillars of IT security
    - Rights and use of IT tools within the company
    - Social engineering
    - Data confidentiality
- **Malicious software**
    - The main malware
    - A vector for the spread of malicious software
    - Protection against malicious software
- **Network security**
    - The main types of network
    - The firewall
    - Network connection: by cable or Wi-fi
    - Authentication methods
- **Secure use of the Web**
    - Recognising a secure web page
    - Digital certificate
    - One-time password
    - Cookie
    - Deleting personal data in the browser
    - Social networks
- **Secure use of email**
    - Risks associated with e-mails and rules to be observed
    - E-mail protection
    - Instant messaging

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- **Data security management**
    - Data backup
    - Definitive deletion of data

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