



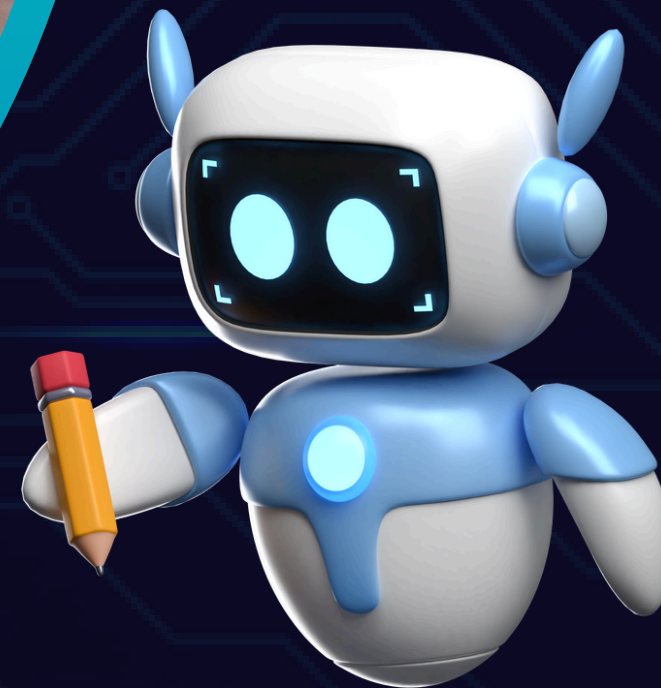
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▶ TALENTO TECH

REGIÓN 3

CAUCA - NARIÑO

LESSON 1



Lesson 1: Security and vulnerability management – ISO 27001 Framework Implementation

1) Idiom of the day

Phishing for Information: Attempting to trick someone into giving personal or sensitive information.

Example: "That email looks like someone phishing for your login details."

2) ACTIVITY 1: Warm-Up Activity: "Security Scenarios: What Would You Do?"

Objective

To introduce the concept of ISO 27001 framework implementation by engaging students in real-world scenarios where they must consider how to handle information security risks.

Materials Needed

- Presentation slides or virtual whiteboard (optional, for scenarios)
- Chat or polling tool (for responses)



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1. Instructions

1. Kick off with a Question: "Have you ever had to keep something important secure, like a password, a document, or even a secret? How did you make sure it stayed safe?" Encourage students to share their answers in the chat or verbally.

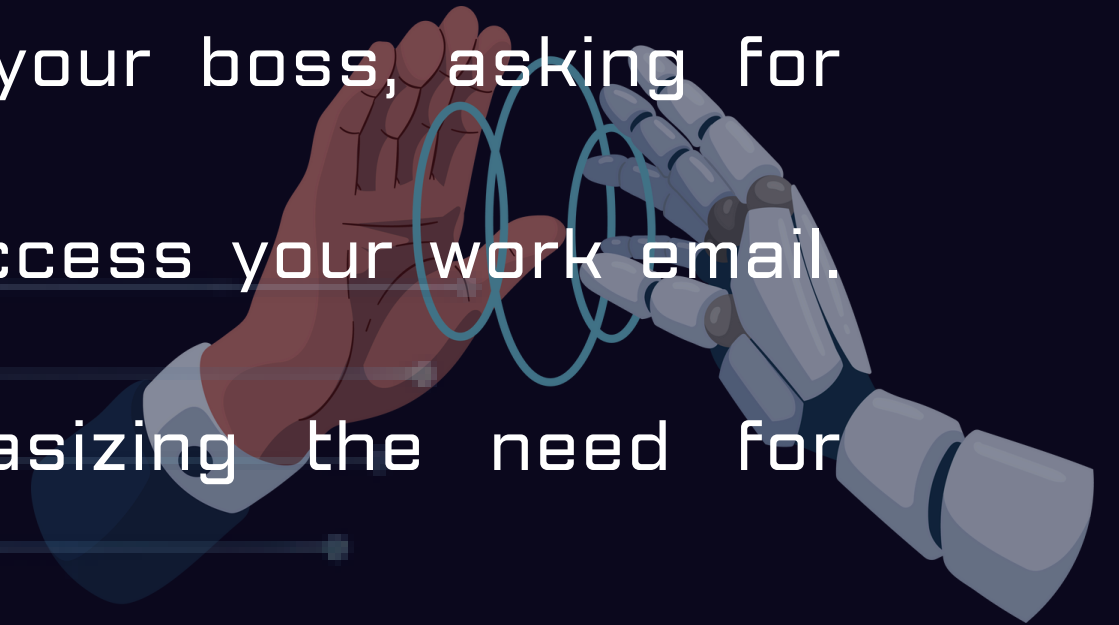
2. Introduce Security Scenarios: Present the following scenarios one by one and ask students how they would handle them. Encourage short, creative answers:

Scenario 1: "You work in an office, and one day you find a USB drive labeled 'Confidential' on the floor. What would you do?"

Scenario 2: "You receive an email that looks like it's from your boss, asking for sensitive company information. How would you respond?"

Scenario 3: "You're using public Wi-Fi at a coffee shop to access your work email. How can you ensure your data stays secure?"

Gather responses and discuss common practices, emphasizing the need for structured frameworks to manage security risks effectively.





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2. Link to ISO 27001 Framework:

After discussing the scenarios, introduce the topic: "These scenarios show how important it is to protect information. ISO 27001 is a global framework that helps organizations systematically identify and address these kinds of security risks." For instance, ISO 27001 would require an organization to have a policy for handling lost USB drives or verifying emails to prevent phishing attacks."

3. To finish the warm-up activity, ask the following question to the students: "Do you think having a clear security framework like ISO 27001 would help organizations handle these situations better? Why or why not?"