Insider threats

Learning objectives

- Understand what an insider threat is
- Identify abnormal behaviours which may lead to 'insider attacks'.
- Learn practices to mitigate and stop these threats.
- Importance of off-boarding process immediately.

Narrative overview

Depending on the scenario, users will be shown two different situations. The situations the user will be placed in will help the user be aware and informed of such activities which constitute an insider threat. These situations include being placed into an environment where they can observe a suspicious co-worker using an unattended laptop. Furthermore, the user will also be subjected to another scenario where an individual steals an access card which is left unattended and uses the access card to enter into a restricted zone.

Ultimately the individual will be subjected to these various challenges which require the individual to consider factors which may contribute to an employee becoming an insider threat.

The goal is not to create an easy walkthrough of scenarios which are common for small businesses. The main takeaways I personally would like to see a small business take on-board is the following:

- You can never be too careful
- If something is suspicious, call it out
- Do not be complacent when it comes to cybersecurity

Interactive Elements

Identifying potential vulnerabilities

- Unlocked screen/suspicious activity
- Passwords on display
- Confidential documents not being shredded
- Access cards unattended

User will have the ability to walk around the office cubicles and spot factors which may potentially contribute to an insider threat. The module will outline why it is a threat as well as strategies in place to mitigate them.

VR environment

1. **Layout**
- Office environment with cubicles and dividers. Depending on the scenario, there will be cluttered desks, views of multiple avatars in frame interacting with the desks etc.
2. **Visuals**
- Pop ups with descriptions outlining what is correct and incorrect
3. **Audio**
- Office/elevator background music
- Sound effects for correct and incorrect clicks

Quiz/Off-boarding document

Create a quiz/document outlining the need for awareness surrounding this threat. Create a informative document to help businesses become aware of the processes as well as the experiences in place.

Furthermore the document will not only be specific to the module completed, but it will also address other factors or behaviour which could potentially lead to an insider threat.