Activity File: Security Culture Framework - Part 1

In this exercise, you'll play the role of a security consultant who's been contracted to help a local bank develop a plan to address a physical security issue that recently resulted in the breach of its financial data servers.

Refer to this memo from the executive team:

- *Employees have been observed holding the door open for others behind them when accessing the building, without each employee scanning their own individual badge.*

  The organization has determined that this behavior has led to several non-employees gaining unauthorized and undocumented access to several offices. With over 500 current employees, you can imagine how this might introduce serious issues.

  Crucially, the Incident Response team recently identified that an attacker was able to steal confidential financial data from the servers in the Finance department. These machines are not connected to the internet, so the breach must have resulted from physical access to the Finance machines.

  You'll develop a full plan for addressing this problem throughout the day.

  To begin, apply the first step of the security culture framework: Measuring and Setting Goals.

Instructions

1. Explain the security risks that this behavior introduces.

2. Describe a method for finding out how many people encourage tailgating, and keeping track of those who do.

3. Set a goal for how many employees *should* engage in this behavior.

4. Identify three potential high-level solutions to this problem, such as training or hiring guards. Note one advantage and disadvantage for each.

5. Set an estimated timeline for each potential solution.

Bonus

If you finish early, consider the following questions:

- All companies have a leadership team. What C-level officer titles do you know? Which do you think this company has?

- What security functions/responsibilities does a Security department have?

- Which teams within the department would fulfill these responsibilities?

  Be sure to ask your instructors and TAs for help as necessary.