

## Social Engineering Lab Case

Background and extra information on the case:

Trony is a small IT consulting firm headquartered in your city, employing around 75 people. Recently, due to unexpected ventilation issues in its main building, Trony had to temporarily relocate to a new rented facility. This new building has a peculiar layout and presents several physical security vulnerabilities, which Trony has been slow to address due to the temporary nature of the move.

The company offers various IT consultancy services, including network management, and cloud computing, making their server room highly valuable as it houses critical client data and internal systems. Despite their best efforts, security at the new facility is not as tight as it should be, providing an opportunity for anybody to exploit potential weaknesses.

After a long time trying to find information about the target, you came across a document with the initial setup plans for the company. This document shows the layout of the building and offices within it. The map presents a great opportunity for planning an attack.

You have also found the following information:

- Regular work is performed from Monday to Friday.
- 70% of the personnel take a lunch break from 13:00 to 14:00 on regular working days
- Few workers use the parking lot as a place to have a smoke break (and have a chat) during working days.
- The cleaning personnel is provided by an external company; the personnel arrive around 13:30 and leaves around 16:00 on Tuesdays, and Saturdays.
- Most of the workers (around 80%) arrive to the building around 8:30 am.

As part of this lab, you are tasked with analyzing the map and the information provided, to identify and exploit possible vulnerabilities to simulate unauthorized access to the server room. You will be analyzing elements such as camera placements, door lock types, parking areas, the presence (or absence) of security personnel, and anything relevant to craft your plan. Although you are not required to plan your escape, it would be beneficial to ideate an exit plan.