

THREAT MODELING

A person is shown from the chest up, leaning over a laptop. The image is heavily tinted with a blue color. In the foreground, there is a large, stylized graphic of binary code (0s and 1s) that appears to be floating or rising from the laptop. The background is filled with faint, glowing lines of code, suggesting a digital or cybersecurity environment.

COMSEC

What is Threat Modeling

Threat modelling is a process aimed at identifying potential threats to the system by mapping the assets, the types of attackers, and by other factors. The purpose of threat modelling is to provide the developers with the most likely attack vectors, and the assets most desired by an attacker.

The threat modeling will assist the developer to understand which assets they need to protect and against what kind of threats.

Threat modelling answers the questions:

- "What and where are the assets?"
- "Where am I most vulnerable to attack?"
- "What are the most relevant threats?"
- "Is there an attack vector that might go unnoticed?"

! Clients Problems

When developing a new system, it is not always clear what sensitive assets need to be protected and where they are, which defense mechanisms should be implemented and at which level? A mapping of the assets and the threats will give you the ability to plan the defense mechanisms that should be applied and where to locate them.

✓ Comsec's Solutions

Comsec provide a Threat Model customized to a client's environment. The document will describe the identified assets and the threat agents, therefore allowing the countermeasure that are required to protect against those threats to be defined.



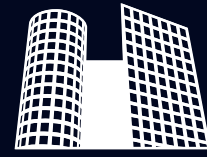
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