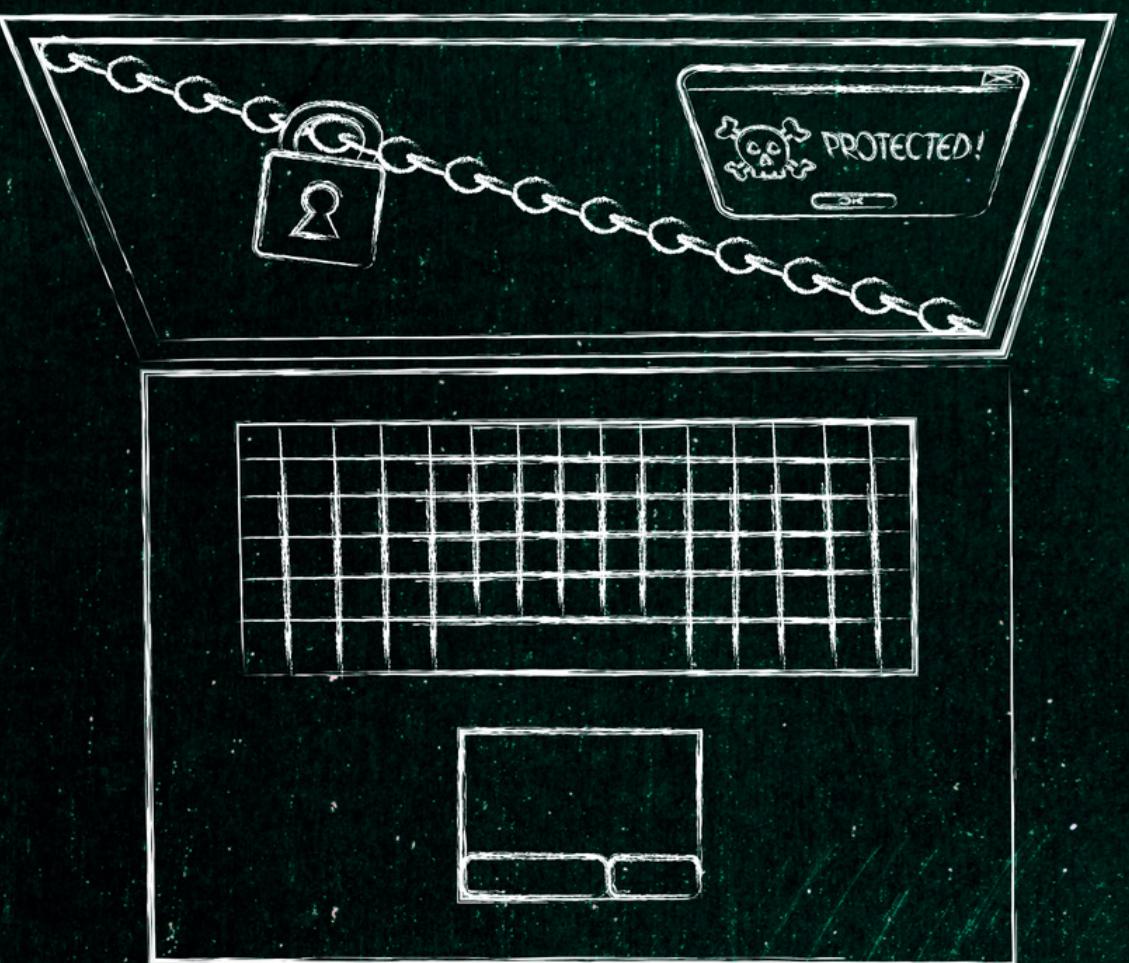
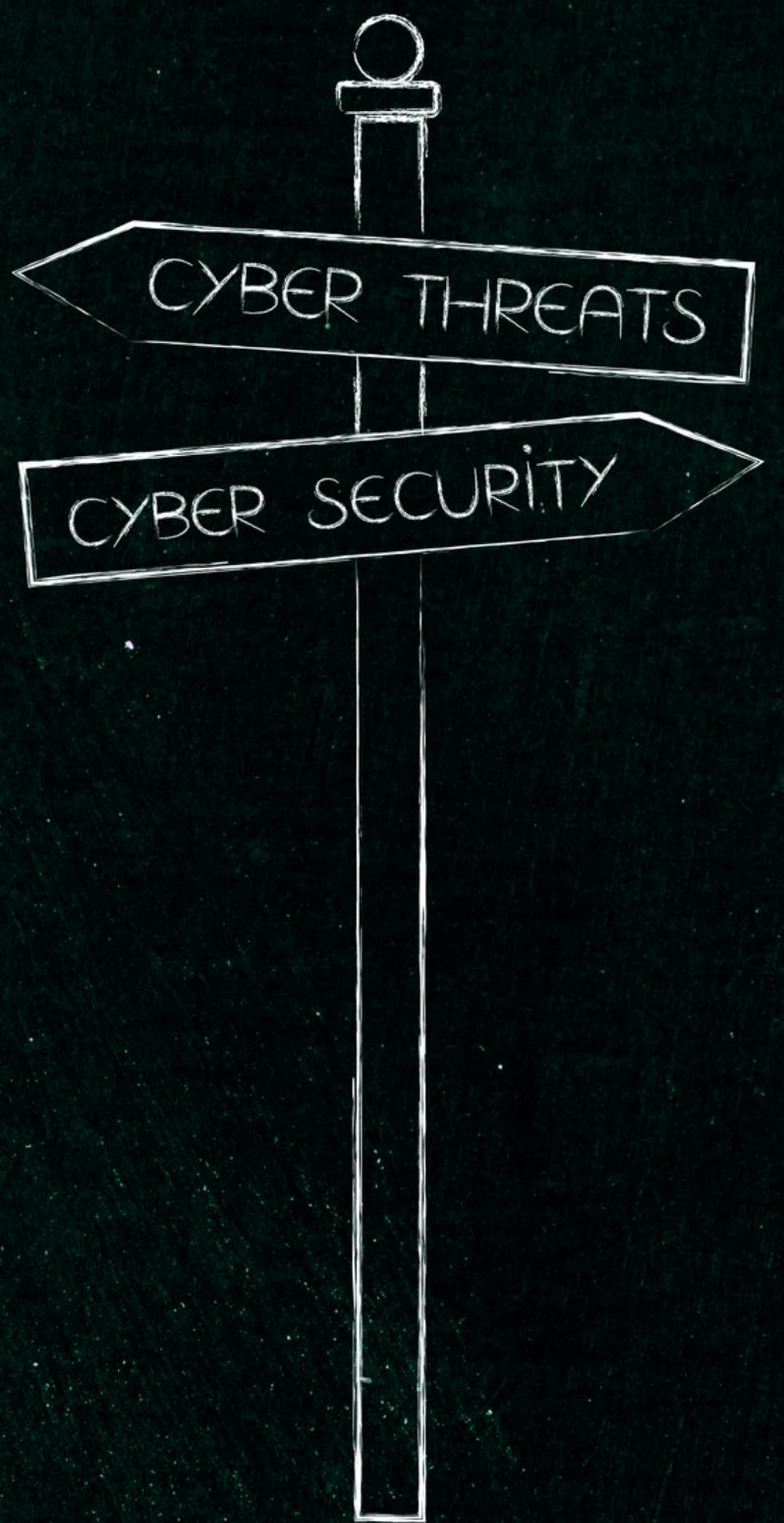
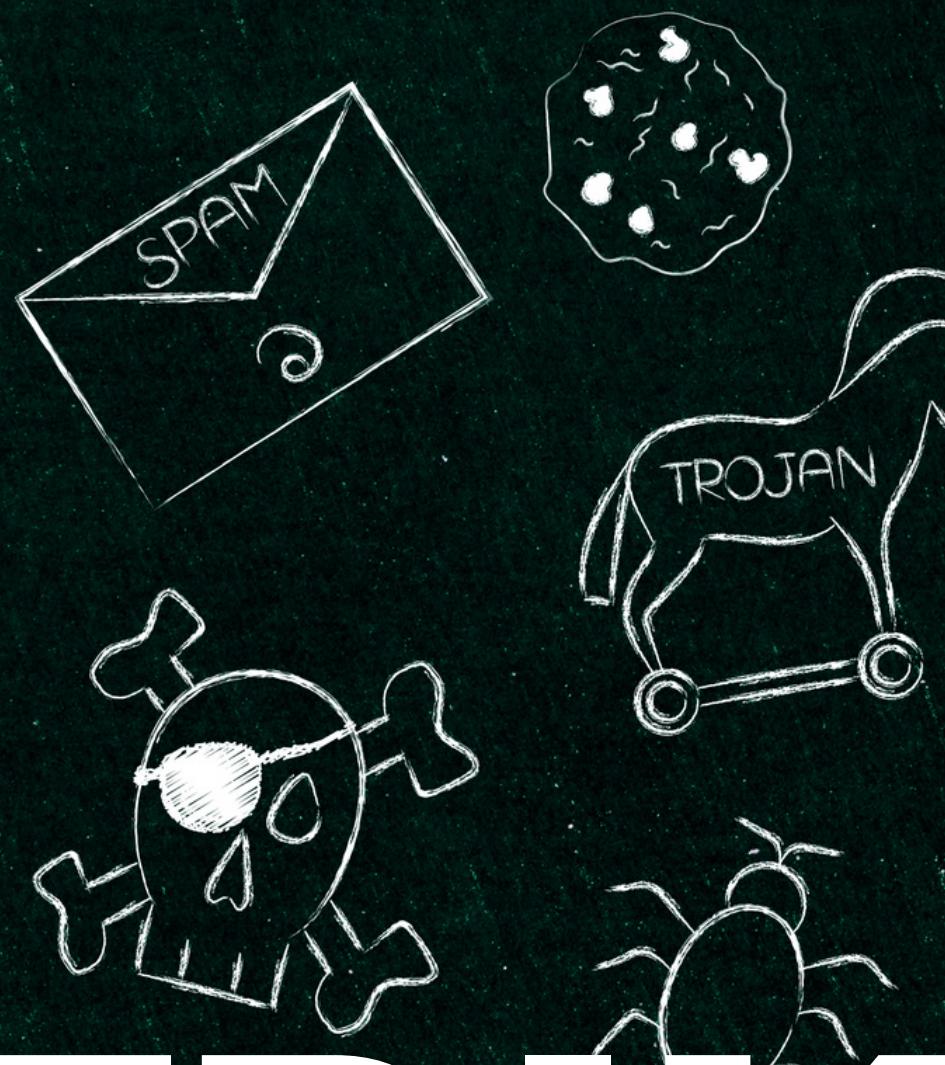
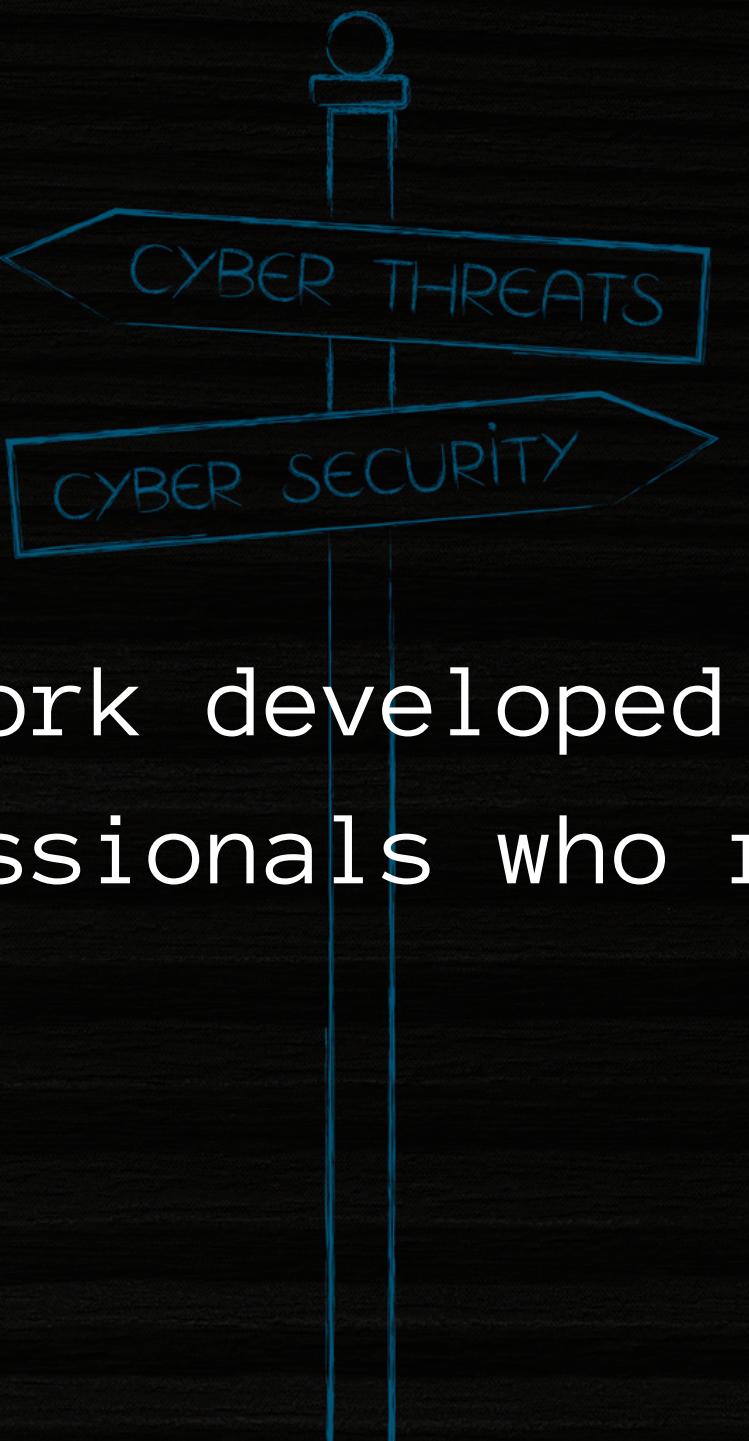


TRIKE



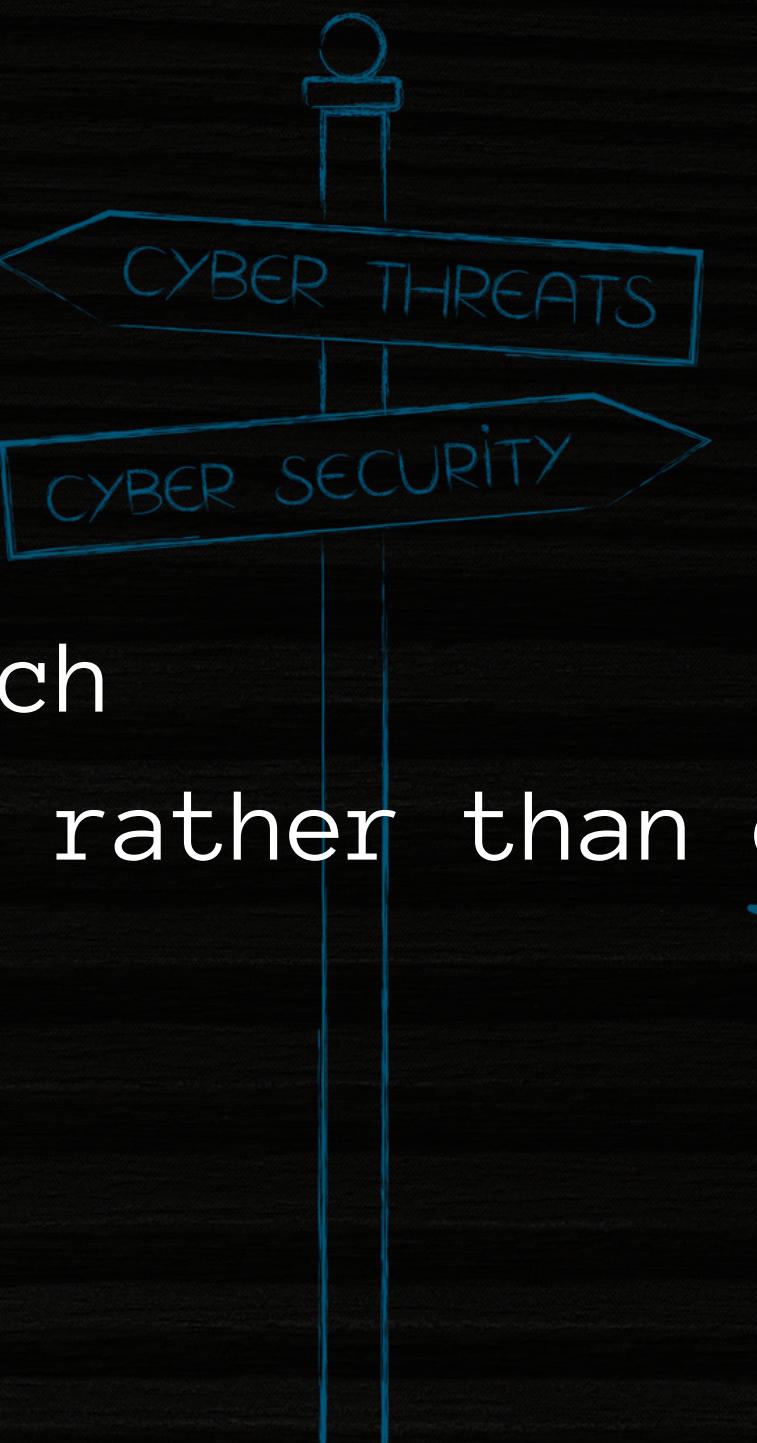
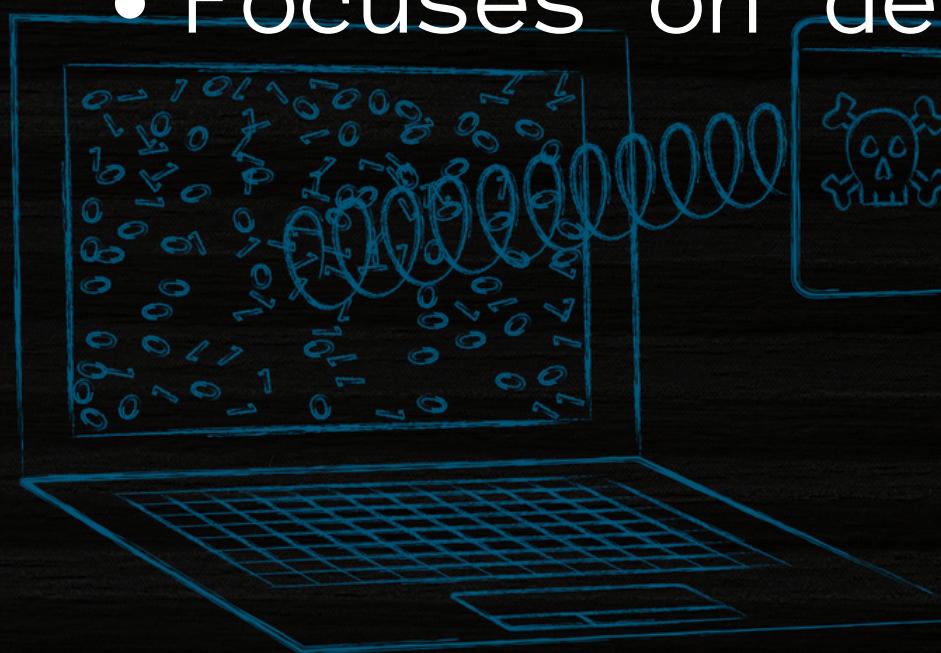
TRIKE

Open source framework developed in 2006 and intended for security professionals who run security audits.



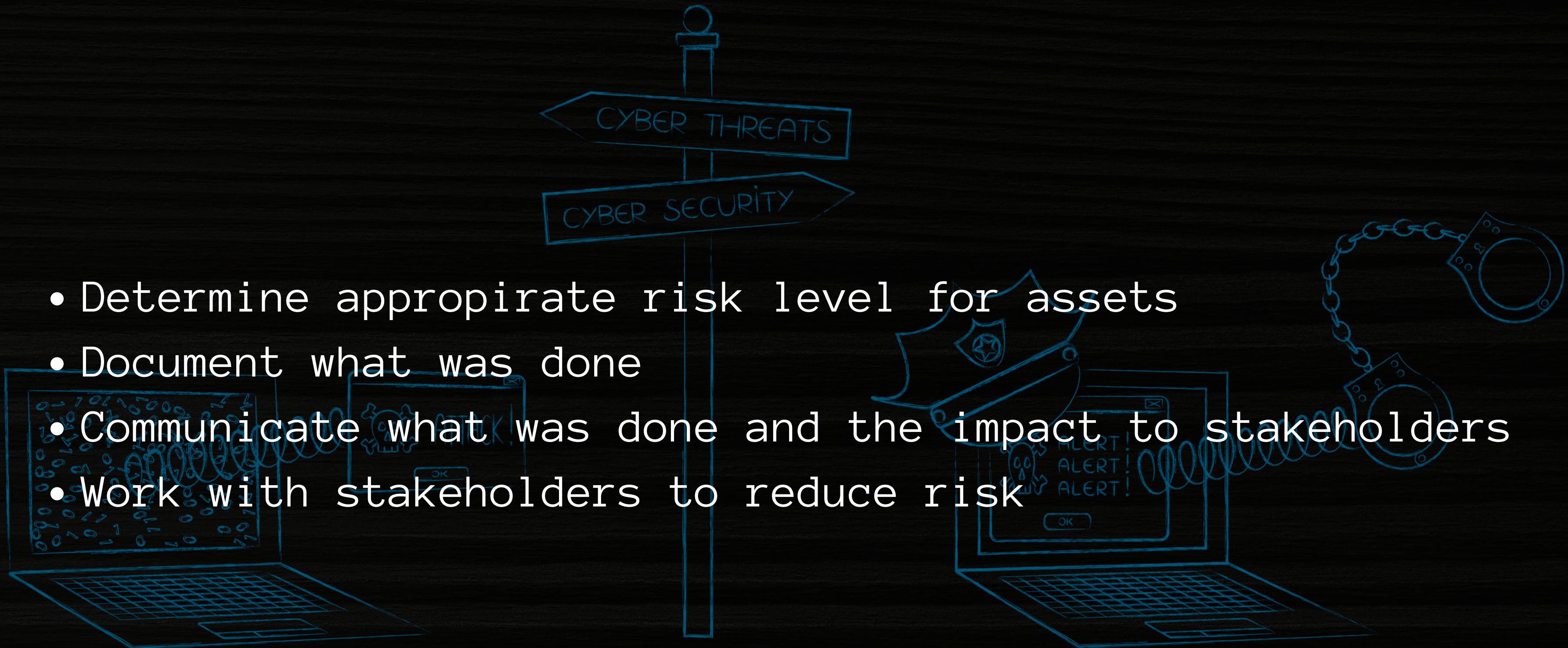
TRIKE

- Risk driven approach
- Focuses on defence rather than offence



TRIKE

- Determine appropriate risk level for assets
- Document what was done
- Communicate what was done and the impact to stakeholders
- Work with stakeholders to reduce risk



TRIKE PROCESS 1

Develop a requirements model

- Actors interacting with the system
- Assets or data elements to be used
- Intended actions performed by the system (CRUD)
- Rules that define when actions can be performed



TRIKE PROCESS 2

Develop the implementation model

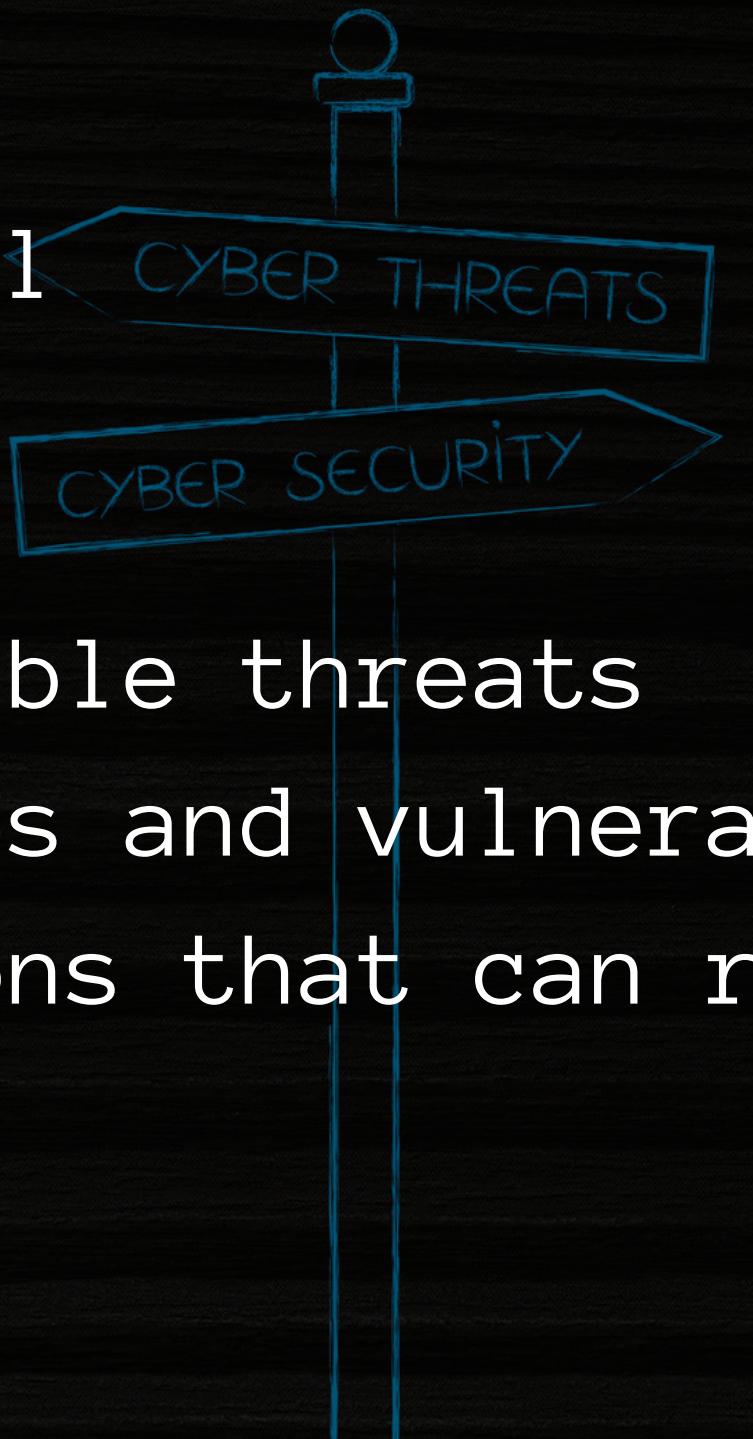
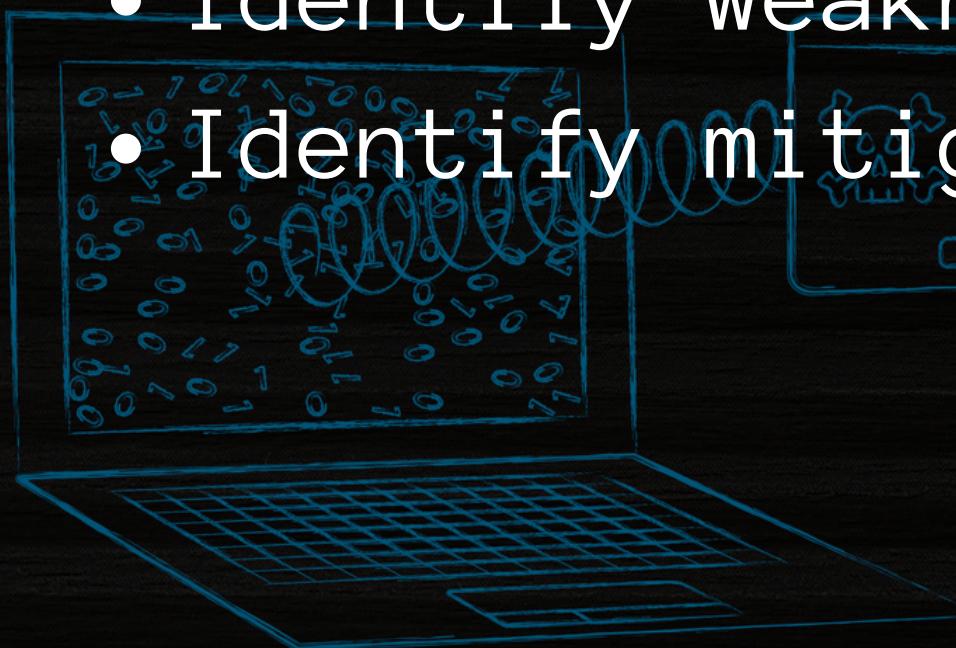
- Identify the set of supporting operations
- Develop data flow diagrams
- Identify use flows



TRIKE PROCESS 3

Build the threat model

- Identify all possible threats
- Identify weaknesses and vulnerabilities
- Identify mitigations that can reduce the risks



TRIKE PROCESS 4

Build the risk model

- Experimental and still under development
- Recommended to use other methodologies NIST

