

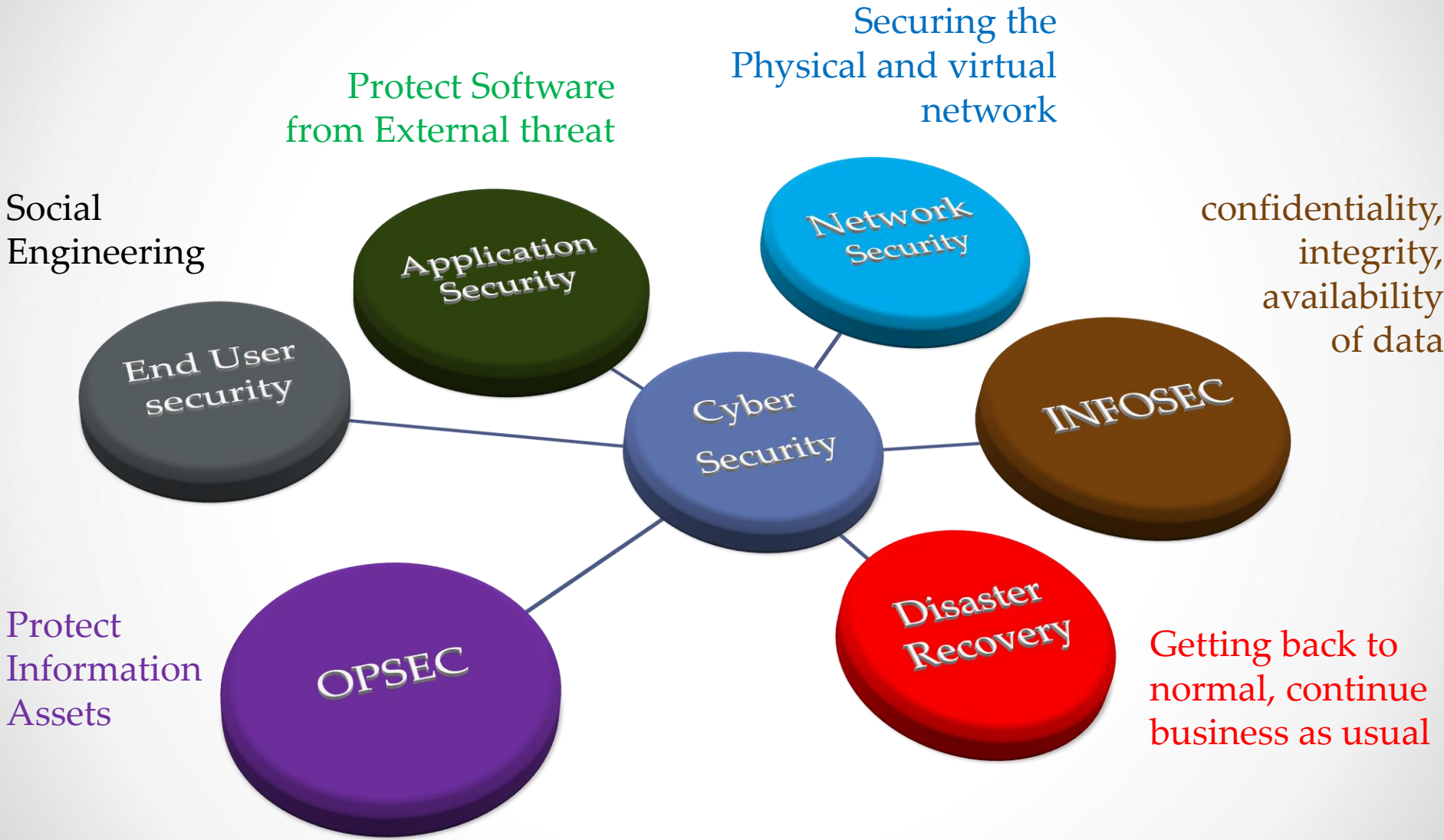
Cybersecurity Event

7th and 8th November

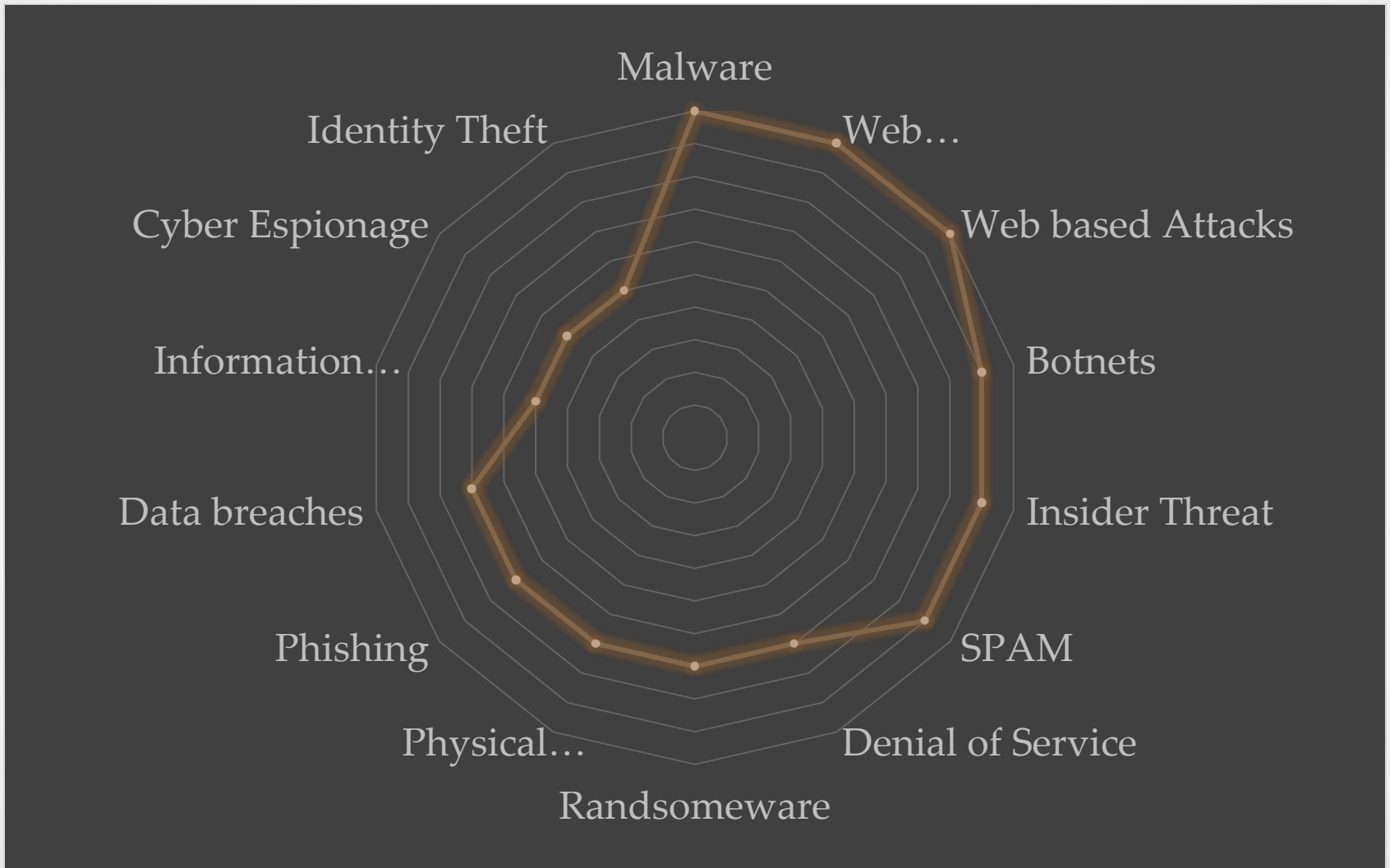
MITA St Venera



What is Cybersecurity?



Current Main Threats



Some Important Statistics

58% of malware attack victims are categorized as **small businesses**.

60% of small businesses say attacks are becoming more **severe and sophisticated**.

92.4% of malware is delivered **via email**.

77% of the successful attacks use “**Fileless**” techniques (*in-memory, registry-resident, script-based, exploiting existing tools like Powershell*)

70% of threats are exploits on **Humans**.

EUROPEAN ICT PROFESSIONAL ROLE PROFILES

Cyber Security Manager

Information Security Manager

Chief Information Security Officer

Data Security Strategist

Cyber Security Specialist

Cyber Security Analyst

Security Software Developer

Security System Administrator

Ethical Hacker

Cyber Security Manager - Tasks

- Define the digital security strategy and standards
- Contribute to the development of the organisation's security policy
- Manages security audits
- Evaluate risks, threats and consequences
- Establish prevention plans
- Inform and raise awareness among general management
- Promote a culture of security awareness across all IT users and Professionals
- Audit and ensure that principles and rules for IS security are applied

Cyber Security Specialist - Tasks

- Evaluate cyber risks, threats and consequences
- Provide cyber security training and education
- Provide technical validation of security tools
- Contribute to definition of security standards
- Audit security vulnerability
- Monitor security developments to ensure data and physical security of the ICT resources
- Proactively evaluate new threats and counter potential cyber crime
- Implements security techniques on all or part of a network or system within area of responsibility