

4TU.CybSec

Cyber Risk Management course

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Everyday Risk Management

Cyber threats



Computer virus¹

Boops, your important files are encrypted.

If you see this text, then your files are no longer accessible, because they have been encrypted. Perhaps you are busy looking for a way to recover your files, but don't waste your time. Nobody can recover your files without our decryption service.

We guarantee that you can recover all your files safely and easily. All you need to do is submit the payment and purchase the decryption key.

Please follow the instructions:

1. Send \$300 worth of Bitcoin to following address:

1Mz7153HMuxXTuR2R1t78mGSdzaAtHbBWX

 Send your Bitcoin wallet ID and personal installation key to e-mail uousmith123456@posteo.net. Your personal installation key:

cyDash-fScbwG-yPU1Av-ybXzTa-B1CqTi-46WHTW-11SaPk-MpAF58-KEhgW1-wLhPRb

If you already purchased your key, please enter it below.

Ransomware²

https://en.wikipedia.org/wiki/Computer_virus

² <u>https://en.wikipedia.org/wiki/Petya_(malware)</u>



Key questions

Factors

1. How do we decide which risks are the most critical and how to mitigate them? 3. How to combine systems, attackers and possible controls in making good security decisions?

Preventive, detective and responsive.

2. How do we evaluate which security measures we should implement?

4. Can there be "evidence-based security" as there is evidence-based medicine?

Focus and structure

- Theory and application of cyber risk models and risk assessment
- Grading:
 - Online mid-term exam
 - Group project with report
- CRM: more science; CSM: more practice
- More info on Brightspace (SPM5442 CRM)

