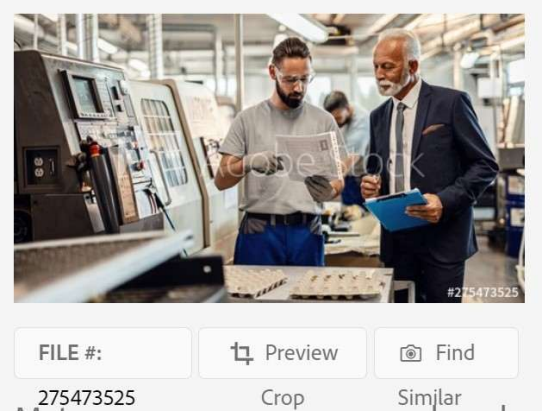
Industrial Cybersecurity for the CISO
Annex 1

Micro Learning Module

MLM-050-D

Industry	–	Process
Principal Role	–	Owner
Professional Role	–	All
Enterprise Phase	–	Master Planning



Author

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Author's presented views do not represent the official position of NATO

Turn on your audio and click start to begin video

START

Annex 1: Industrial Cybersecurity References

The following is a selection of cybersecurity references and links that may be useful for CISOs:

I. Overview of industrial cybersecurity. Video lecture "Cybersecurity of Critical [x] infrastructure", Riga conference Oct 2019
   I. I will also share a link to a presentation made to the DSS ITSEC 2019 Conference in Riga which will give you an idea of I start at the 1 hour 7 minute mark https://www.facebook.com/DSSITSEC/videos/688528324963820/

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III. Cybersecurity capacity identification and building
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   d. Butrimas, V., National Cyber Security Organisation: Lithuania, NATO CCDCOE 2015, https://ccdcoe.org/library/publications/national-cyber-security-organisation-lithuania/

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III. Importance of applying the correct CEIP policies and strategies

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b. Microsoft Cybersecurity Policy Framework, https://www.microsoft.com/en-us/cybersecurity/content-hub/Cybersecurity-Policy-Framework 2018

IV. Public Private Partnership best practice

a. US DHS Industrial Control System CERT (ICS-CERT) , https://us-cert.cisa.gov/ics

b. KraftCERT Norway's ICS-CERT, https://www.kraftcert.no/english/index.html

c. CyberGym: Who We Are. https://www.cybergym.com/company/

V. Multi-stakeholder cyber threat protection efforts

a. A Digital Geneva Convention to protect cyberspace, Microsoft, https://www.microsoft.com/en-us/cybersecurity/content-hub/a-digital-geneva-convention-to-protect-cyberspace 2017

b. Parker, B. (2017) Bots and bombs: Does cyberspace need a 'Digital Geneva Convention'?. Irinnews. Available from http://www.irinnews.org/analysis/2017/11/15/bots-and-bombs-does-cyberspace-need-digital-geneva-convention [Accessed 16th October 2018]

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i. OSCE CONFIDENCE-BUILDING MEASURES TO REDUCE THE RISKS OF CONFLICT STEMMING FROM THE USE OF INFORMATION AND COMMUNICATION TECHNOLOGIES https://www.osce.org/pc/227281?download=true

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   v. https://www.wired.com/story/notpetya-cyberattack-ukraine-russia-code-crashed-the-world/ (nice story on implications of NotPetya by journalist Andy Greenberg and worth reading)

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   i. https://ics-cert.us-cert.gov/alerts/ICS-ALERT-17-206-01
   ii. https://www.eset.com/int/industroyer/?source=newsroom&campaign=industroyer
   iii. https://ics.sans.org/media/E-ISAC_SANS_Ukraine_DUC_6.pdf

c. Using cyrpto mining malware on ICS systems (new trend)
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e. Dale Petersons S4 conference lectures https://www.youtube.com/c/S4Events/videos
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b. SCADASEC List : Where to discuss industrial control systems with colleagues from all over the world https://groups.io/g/scadasec

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j. List of downloadable reports on pipeline accidents https://web.archive.org/web/20080509192228/http://www.ntsb.gov/publictn/P_Acc.htm

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- Deputy Director responsible for IT security at the Communications and Information System Service (CISS) responsible for preparing the first National Defense System Cybersecurity Strategy
- Chief Adviser for the MoND of Lithuania with a focus on cybersecurity policy, including the national task force that wrote the Lithuanian Law on Cybersecurity
- Member (Presidential appointee) of the National Communications Regulatory Service's Council (RTT-Coucil)
- Cybersecurity Subject Matter Expert for the NATO Energy Security Center of Excellence (NATO ENSECCOE) who performed a Cyber Risk Study of the ICS Used in the NATO Central Europe Pipeline System (CEPS)

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