MASARYK UNIVERSITY
Czech Republic

C4e
Cybersecurity, Cybercrime and Critical Information Infrastructures Centre of Excellence

A multidisciplinary center that brings together expert academic departments to address complex cyberspace problems.

- We focus on technical, legal and social aspects of cybersecurity, CIIP and cybercrime.

- We conduct excellent multi-disciplinary research, development and education.

- We cooperate with public and private sector and by that we link theory and practice.

Cybersecurity, Cybercrime and Critical Information Infrastructures Centre of Excellence

- Critical Information Infrastructures Protection, lead by Tomáš Pitner.

- Cybersecurity, lead by Pavel Čeleda.

- Law, lead by Radim Polčák.

- The Centre is managed by Roman Čermák.

Cybersecurity, Cybercrime and Critical Information Infrastructures Centre of Excellence

- Involved experts collaborate and carry out multidisciplinary excellence research and development within the research programmes. Their research results immediately reflect in their education activities.

- The centre aims on practical application of research activities. To this end, we collaborate with a wide range of public and private sector.

C4e – Cybersecurity Research Programme

CSIRT-MU Involvement in C4e

Aims

- Modelling, analysis and mitigation of cyberattacks

Objectives

- Increase research performance
- Improve the research infrastructure
- Expand and strengthen research team
- Strengthen international cooperation

CSIRT-MU Involvement in C4e

Activities

- Basic cybersecurity research in ever-evolving threat landscape
- Research in operationally relevant cybersecurity topics

Outputs

- Proof of concept prototypes and demonstrations
- Publications in journals and conference proceedings

CSIRT-MU Involvement in C4e

Outcomes

- Stepping up cybersecurity research capability at CSIRT-MU
- International cooperation on cybersecurity research and funding

Impact

- Masaryk University as leading cybersecurity partner in CZ
- Research excellence in originality, significance and rigour

Summary

- Cybersecurity is of utmost importance (high priority for anybody)
- CSIRT-MU wants play an important role in the field of cybersecurity
- C4e complements CSIRT-MU research and services portfolio
- C4e is an unique opportunity for the next CSIRT-MU shift
- C4e is a long-term commitment (5 + 5 years)