



Webinar on Core Elements of a Computer Security Programme

Webinar 1 in the NucSecCyber Series #3

Organized by

The IAEA Division of Nuclear Security

21 July 2021

Scheduled at: 14:00, Vienna (Austria) Time

Information Sheet

Introduction

Establishing and maintaining a robust computer security programme is an essential element of a national nuclear security regime. Over the last several decades there has been a migration to more digital devices, systems, communication, and advanced technologies for nuclear materials, facilities and critical assets, including digital integration to enhance capabilities for more effective and efficient operations. With this increased capability in digital technology, we have also seen a major increase in threats and computer security incidents against the nuclear industry.

To defend against the ever-evolving threats, it is vital that computer security is integrated into all aspects of nuclear security including:

- Computer security strategy (legislation)
- Regulation
- Organizational structures with defined roles and responsibilities
- Computer security programmes
- Policy and procedures
- Operations, maintenance and decommissioning
- Response and recovery

In order to do so, it is necessary to identify critical organizational units and key computer security competencies, which will involve State level computer security regulations and requirements with enforcement through competent authorities, and implementation by owners, operators, and third party entities.

This webinar, as the first in the NucSecCyber Series #3, will offer an introduction to these topics. The other webinars in the series are:

Webinar on the Application of IAEA Guidance and Technical Approaches Across Nuclear Security, 18 August 2021, 14:00

Webinar on Supply Chain Management for Nuclear Security, 22 September 2021, 14:00

Webinar on Computer Security Continuous Improvement (Assessments & Exercises), 20 October 2021, 14:00

Webinar on Incident Response for Computer Security, 24 November 2021, 14:00

Objectives

The aim of this webinar is to:

- Provide an overview of the core elements of a computer security programme for nuclear security
- Introduce the relevant organizational units with responsibilities for establishing a computer security programme
- Offer insights from international experts on their experiences in applying computer security guidance included in the IAEA Nuclear Security Series.

Target Audience

This webinar is targeted to Member States' nuclear security community including those working at national policy, strategic and planning or decision-making level, nuclear regulators, owners and operators, and third-party organizations involved in the nuclear security regime. The webinar is open to officials and nuclear security professionals from the above-mentioned organizations in Member States.

Working Language(s)

English

Registration

Please register for the webinar using this [link](#) not later than **21 July 2021**.

To register for the entire series, [register here](#).

After the registration and acceptance of your participation, you will receive an electronic mail containing information on how to access the webinar by following a hyperlink to join the WebEx meeting or by calling in by phone.

You can test your ability to connect to a WebEx meeting at the following link: <https://www.webex.com/test-meeting.html#>. Please contact your IT department if the test fails.

For additional help regarding registration, please contact Mr Trent Nelson, Division of Nuclear Security (Email: T.Nelson@iaea.org).

Webinar Agenda

Opening Remarks and Introduction of Nuclear Security Series 42-G Computer Security for Nuclear Security

Mr Scott Purvis, *Information Management Section Head, Division of Nuclear Security, IAEA*

Mr Trent Nelson, *Information and Computer Security Officer, Information Management Section, Division of Nuclear Security, IAEA*

Development of Computer Security Regulations

Mr John Sladek, *Specialist (Cyber Security), Systems Engineering Division, Canadian Nuclear Safety Commission*

Implementation of Computer Security Regulations and Establishment of a Computer Security Programme

Mr Scott Hilts, *Chief Information Security Office, Bruce Power, Canada*

Mr Nathan Faith, *Cyber Security Manager, Exelon Generation – Nuclear Corporate Security, USA*

Computer Security for Vendor/Contractor/3rd Party Support

Mr Robert Anderson, *Nuclear Cybersecurity Consultant, National & Homeland Security, Idaho National Laboratory, USA*

Q&A and Conclusion