



Webinar on the Application of IAEA Guidance and Technical Approaches Across Nuclear Security

Webinar 2 in the NucSecCyber Series #3

Organized by

The IAEA Division of Nuclear Security

18 August 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 witnessed a major increase in threats and computer security incidents against the nuclear industry.

To defend against the ever-evolving threats, it is critical 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 second in the NucSecCyber Series #3, will provide a detailed exploration of technical approaches to implementing and aligning with IAEA guidance concepts, while maintaining adherence to national regulation, within a nuclear facility. The subsequent webinars in the series are:

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

This aim of this webinar is to:

- Present a practical example of how IAEA concepts such as identification of facility functions, the consequences of their compromise, and the digital assets performing them can be implemented within a nuclear facility;
- Describe how elements derived from Facility and System Computer Security Risk Management can be implemented within existing requirements for and approaches to risk management;
- Present an approach to impact and consequence assessment that integrates Computer Security into an overarching risk management system; and

- Explain how the resulting body of information can inform the funding for, selection and implementation of, and ongoing operation and maintenance of computer security measures.

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 3rd 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 [Register](#) not later than **17 August 2021**.

To register for the entire series, use this link [Webinar Series Registration](#).

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 Mitchell Hewes, Division of Nuclear Security (Email: M.Hewes@iaea.org).

Webinar Agenda

Opening Remarks

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

Mr. Mitchell Hewes, Information and Computer Security Officer, Information Management Section, Division of Nuclear Security, IAEA

Presentation

Mr. Nick Howarth, Cyber Security and Operational Technology Manager, ANSTO

Mr. Ryan Beeby, Operational Technology Team Leader, ANSTO

Ms. Christina Hunt, Cyber Security Engineer, ANSTO

Q&A and Conclusion