



1

Foundation CR14

- Established on 1st of January 2021 by the EST MoD
- Research and training in military and dual-use technologies
- Provide support for the CCDCoE and operate the Cyber Range
- An innovation and research hub for EST MoD and NATO

The image shows the CR14 NATO Cyber Range logo and branding at the bottom of the slide. It includes the CR14 logo, the Estonian coat of arms, and the text "REPUBLIC OF ESTONIA MINISTRY OF DEFENCE".

2

“We will develop the NATO cyber range capability, building, as a first step, on the Estonian cyber range capability.”

- NATO Wales Summit Declaration, Sep 2014

“Estonia’s cyber range represents arguably the most advanced facility of its kind.”

- Jane’s Defence, Feb 2017



REPUBLIC OF ESTONIA
MINISTRY OF DEFENCE

4

Cyber defence ecosystem



REPUBLIC OF ESTONIA
MINISTRY OF DEFENCE

5

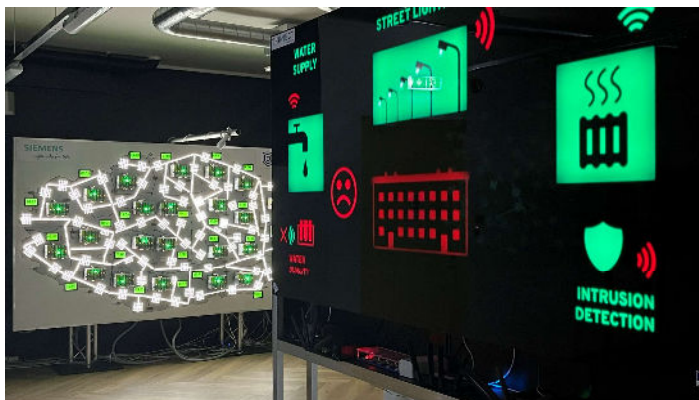
Partnerships



CR14

11

Physical virtual systems



- 5G Nokia basestations with radios
- Core server
- 100 users for testing and validation purposes
- 5G scooters
- 5G Village
- 24-team RTU wall by CCDCOE & Siemens
- Maritime simulator

CR14
NATO Cyber Range

REPUBLIC OF ESTONIA
MINISTRY OF DEFENCE

12



13

Estonian-Norwegian program Green ICT

- Open Cyber Range project
- Supported by Norway Grants Green ICT programme“
- Implemented between 01.03.2021 - 29.02.2024
- Budget 3,3 million EUR.

The image shows the logo for CR14 Open Cyber Range. The logo features a network diagram of blue dots connected by lines, with the text "CR14" in large blue letters and "Open Cyber Range" in black below it. At the bottom of the slide, there are several partner logos: CR14 NATO Cyber Range, the Republic of Estonia Ministry of Defence logo, Norway grants, EAS (Estonian Academy of Sciences), TAL TECH, and NTNU.

14

Main objectives

- create a platform for (new) cybersecurity companies to develop, test and validate their innovative products,
- create a launch pad for new products to emerge to the market,
- promote security thinking in private sector and
- support cyber security education activities



REPUBLIC OF ESTONIA
MINISTRY OF DEFENCE



Norway
grants



EAS
EUROPEAN ALLIANCE
STRATEGY



NTNU

15

Deliverables

- The project will:
 - Develop environment for cyber security training and development of secure technologies:
 - Standard language for describing cyber exercises
 - Content Library
 - Platform-agnostic exercise runtime
 - Procure related hard- and software
- Invite to use!
 - Small- and medium-sized enterprises,
 - Start-ups,
 - Universities,
 - Critical Infrastructure providers



REPUBLIC OF ESTONIA
MINISTRY OF DEFENCE



Norway
grants



EAS
EUROPEAN ALLIANCE
STRATEGY



NTNU

16

Thank you!

siim.alatalu@cr14.ee

Foundation CR14

Rävala 14
15094 Tallinn
Estonia



REPUBLIC OF ESTONIA
MINISTRY OF DEFENCE