



Connected 5G-IoT Cyber Range for Training and Secure Operation

Project Coordinator

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Project Details

G.A. number: 101145872

Project Website: nitro-project.eu

Project start: 01/01/2024

Duration: 36 Months

Total cost: EUR 1862656

The NITRO consortium has successfully completed and submitted another major set of project deliverables, marking an important milestone as the project enters its final three months. The recently submitted deliverables cover the NITRO data repository for threats and incidents, the final development of the security training exercises, the scoring and gamification system, and the integrated NITRO infrastructure.

With the main technical development and integration activities now completed, the consortium is focusing on the project's concluding phase. Priority is being given to the final evaluation of the NITRO platform through the project use cases, alongside intensive dissemination and communication activities to maximise the visibility and impact of the project's results. The remaining work will also consolidate the final use-case assessment, dissemination and exploitation activities, data management, and project management reporting, leading towards the successful completion of NITRO at the end of 2026.



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NITRO project has received funding from the European Union's DIGITAL JU SME Support Actions under the grant agreement No. 101145872.

NITRO Enters Its Final Phase: Evaluation, Dissemination and Impact

With the main technical development and integration activities now completed, **NITRO has entered the final phase of the project.** During the **remaining three months**, the consortium will concentrate on validating the integrated platform, consolidating the results generated throughout the project, and ensuring that the project's outcomes are effectively communicated to the relevant stakeholders.

A central activity during this period will be **the final evaluation of the NITRO platform through the project use cases.** Building on the experience gained during the first evaluation round, the consortium will assess the final integrated environment under realistic usage conditions. The evaluation will focus on the overall operation of the platform, the effectiveness and usability of the cybersecurity training exercises, the interaction with the scoring and gamification mechanisms, and the experience of the users engaging with the NITRO cyber range. The results of this process will provide the basis for the final assessment of the project use cases and the overall performance of the NITRO solution.

In parallel, increased emphasis will be placed on the **dissemination, communication and exploitation of the project's results.** The consortium will intensify its activities to present the NITRO platform, cybersecurity training exercises, scoring and gamification mechanisms, data repository, and use-case outcomes to relevant research, industry, education, training and cybersecurity communities. Through targeted communication activities, events, demonstrations, publications and stakeholder engagement, the project aims to maximise the visibility and accessibility of its results.

The final project period will therefore bring together the technical, evaluation and impact-oriented activities developed throughout NITRO. Beyond completing the remaining contractual tasks, the consortium will focus on consolidating the knowledge, tools and lessons learned during the project and on supporting their **continued use and potential uptake beyond the project's formal end.** This concluding phase will provide a comprehensive picture of NITRO's contribution to practical, hands-on cybersecurity training for complex 5G and IoT environments.



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NITRO News & Events



NITRO Represented at A&R Expo 2026

NITRO Presented at the “Cyber Resilience & Business Continuity” Event



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NITRO News & Events



[NITRO Presented at the 2026 AI Security Forum](#)

[NITRO at the Energy Corridors Summit: AI-Enabled Cyber Resilience for Critical Energy](#)



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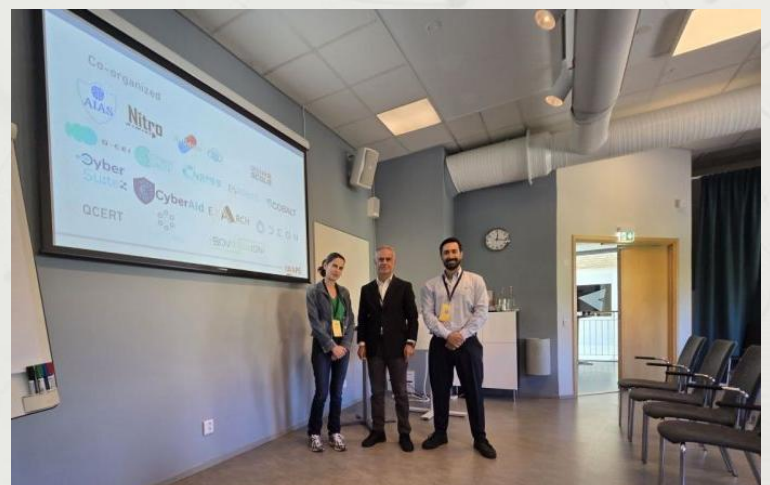
NITRO News & Events

NITRO Presented at the COcyber
Panel on Building a Unified European
Cyber Shield



NITRO Project Presented at the
IPICS 2026 Summer School

NITRO Co-organises IWAPS
2026 at ARES 2026



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NITRO News & Events

[NITRO Contributes to the Discussion on Cybersecurity in the Age of AI at the 90th Thessaloniki International Fair](#)



[NITRO 5G-IoT Cyber Range Presented at the 90th Thessaloniki International Fair](#)



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Upcoming Deliverables and Future Activities

During the final three months of the project, the consortium will concentrate on completing the remaining activities and deliverables required for the successful conclusion of NITRO.

In the next months, researchers will work on the following deliverables:

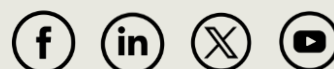
- D1.4: Data management plan – second version
- D1.5: Project management report – second version
- D5.2: Use cases results assessment – second version
- D6.3: NITRO dissemination, communication and exploitation activity – third version



Find us here!

Website: nitro-project.eu

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