



**National University of Public Service**

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**„INTEGRATED DEFENCE 2018“**  
April 23–24, 2018





**National University of Public Service**  
**„Integrated Defence 2018”**  
**Joint Public Service Exercise**

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## NATIONAL UNIVERSITY OF PUBLIC SERVICE „INTEGRATED DEFENCE 2018” JOINT PUBLIC SERVICE EXERCISE

Graduating Bachelor and Master level students of the National University of Public Service (hereinafter NUPS) participate in an annually conducted two-day long Joint Public Service Exercise (hereinafter Exercise). Experts from the national law enforcement, defence, public administration organisations and other partner institutions are also involved in the execution of the exercise.



The curricula of all Bachelor level programmes at NUPS include the University Joint Module containing the subject “Joint Public Service Exercise”. Within this Module and under the framework of the subject, second-year students gain experience in staff leadership and are thereby being prepared for the Exercise held in the final semester of their studies. All the graduating Bachelor level students participate in the Exercise.



The exercise contains the execution of interconnected tasks, which are related but solved at different leadership levels. The main aspect of the event is that the students of all public service professions can exercise the tasks of their respective career paths.

The central topic of the 2018 Exercise is: Power supply ceases to exist or is interrupted in some part of the capital city Budapest, and regions of Csongrád and Bács-Kiskun counties due to cyberattacks targeting at the power grid. The situation must be managed by the public service organizations of the affected areas.

In the course of the preparation for the lack of electricity, and the interference in IT systems (in other words, preparation to manage the aftermath of the cyberattack) the law making process, the joint deployment of law enforcement, defence and disaster management forces, the preparation for the process of declaring the emergency, and the process for introducing the emergency are all modelled. Furthermore, the Government, various communities, the Ministry of Interior, the Hungarian Defence Forces, the National Directorate General for Disaster Management, various major's offices and other cooperating organisations are also going to be involved during the Exercise.

A WorkShop with the same topic as the Exercise is organized for the invited and incoming groups from international partner institutions. During this, a representative conference lecture is held, where each participating organisation showcases the best practices of their respective profession and country. In addition, and still part of the WorkShop, they participate as observers during the Exercise and its stages, and observe the work of exercising units. Our international guests can beforehand download the materials about the conduct of the Exercise from the website of the university.

## THE BASIC SITUATION

Based on national security intelligence, foreign interference is suspected (virus attack on IT systems) in parts of Budapest, and Csongrád as well as Bács-Kiskun counties. As a consequence of this, power supply ceases to exist or is periodically disrupted in certain areas.

The lack of electricity causes serious issues in everyday life, in the supply of citizens, in the function of the bank system, in transportation, in the management of vital and critical infrastructure (freshwater supply and wastewater treatment). The preparation for dealing with such events is an incredibly complex task. According to the conduct of the Exercise, the lack of power supply spreads over a longer period of time (jumps in operational time are utilized to achieve this).

## TASKS TO BE ACCOMPLISHED DURING THE EXERCISE

In the course of the Exercise the preparation for the lack of electricity and for the imminent cyberattack are simulated. After the power supply ceases to function, actions connected to managing the situation – with cooperation of all the Services – are modelled. (Cyberattack, power outage, protection of citizens and critical infrastructure, various diplomatic tasks, negotiations, the appearance of violent actions, dealing with fake news, preparation for declaring the emergency situation, and then the declaration of the emergency, dealing with other issues - including the special tasks of each service branch in connection to the Exercise, the organization of citizen protection, restoration of the original situation, etc.). The task is the organization and execution of complex law enforcement, national security, public service, national defence and international relation duties.





## ORGANIZATIONS INCLUDED IN THE EXECUTION OF THE EXERCISE:

- Immigration and Asylum Office
- Budapest Transport Privately Held Corporation (BKV)
- National/County/local level Directorates of the Hungarian Prison Service
- Budapest Waterworks
- Hungarian Defence Forces (peacekeeping troops, operators of defence technical equipment)
- charity and civil organizations
- Disaster Management Service Branches
- Counter Terrorism Centre Intelligence Directorate
- Counter-terrorism Information and Criminal Analysis Centre
- Military National Security Service
- Constitution Protection Office
- MAVIR Hungarian Independent Transmission Operator
- Hungarian National Railways Privately Held Corporation (MÁV)
- Hungarian Red Cross
- private security companies
- National Tax and Customs Administration of Hungary (NAV)
- National Environmental Institute
- National Transport Authority
- National Food Chain Safety Office
- National Chief Veterinary
- National Environment and Water Protection Institution
- Local branches of the National Ambulance Service
- Hungarian Meteorological Service (OMSZ)
- National Medical Officer
- General Directorate of Water Management
- civilian national security services
- Police (traffic police, law and order police, and public safety)
- Volánbusz Privately Held Corporation



## AIMS AND VALUES OF THE JOINT PUBLIC SERVICE EXERCISE

### Aims of the Joint Public Service Exercise:

- Students studying at the various Faculties, Inter-Faculty Institutions, Departments, specialisations of the University, as well as those coming from foreign partner institutions should gain expertise (or in the case of civilian students, knowledge) in solving **complex professional problems in integrated operational units**. The students should **practise leadership skills, working as the staff of operational units** and in cooperation with foreign organisations and should carry out certain activities in practice. Students practice leadership functions and staff work, and do certain **tasks in practice**.
- Preparation for applying the management training under real life conditions, and the **improvement of leadership skills**. Students should gain **experience in applying modern command support IT and communication systems** for military, law enforcement and civilian tasks (Robocop, Mars, Marathon Terra, Unified Digital Radio) and also in creating digital databases.
- The strengthening of connections between the tertiary education curriculum and the current tasks and operations of armed and law enforcement forces, and **using new methods in education**. The mutual use of experiences and the development of approved plans, the working methods and systems used, both in theory and in practice.
- Contribution to the **harmonisation of the various sub-branches of public service**, strengthening the public service ethos, and developing the competences of public servants.

### The educational aim:

- The all-round development of students' **personalities**.
- Getting closer to a **joint public service approach**, in a national and international environment, that characterises leadership roles, and in situations resembling real-life scenarios.
- Strengthening of cooperation and connection with international partner institutions.

The execution of the Exercise also provides an excellent opportunity for fine-tuning the role of law enforcement, defence, national security, public administration, water management and international organizations for both national and international cooperation, under normal circumstances, and in emergency situations alike.

### Date and duration of the Exercise and its executors:

Date and time: **23 April 2018. 8 classes (8.00–16.00)**

**24 April 2018. 8 classes (8.00–16.00)**

All the graduating Bachelor level students participate in the Exercise. The last year Master level students of the Faculty of Military Sciences and Officer Training, of the Law Enforcement Leadership program at the Faculty of Law Enforcement, and of the Institute of Disaster Management also participated in the Exercise.





## THE MAIN STAGES OF THE EXERCISE

The Exercise applies a dual chronology – real time and operation time. For the sake of performance, the participants of the exercise fulfil the tasks according to “operation time”. The various events follow each other with jumps in time.

### INTRODUCTION, PREPARATION STAGE (“STAGE ZERO”)

Content of the Stage: Performance of administrative tasks in the basic situation.

Date and time: 23. 04. 2018, 09:00–13:00

Operational time: 28. 02. 2018, 13:00–21. 03. 2018, 8:00

Issues to be dealt with:

- Execution of normal tasks, public administration functions normally
- National security services indicate a probable cyberattack
- Clarification of plans, requests for reports, creation of reports

### STAGE 1

Content of the Stage: Preparation for the probable cyberattack.

Date and time: 23. 04. 2018, 13:00–16:00

Operational time: 21.03.2018, 8:00–27.03.2018, 8:00

Issues to be dealt with:

- The Minister of Interior orders the assembly of the Disaster Management Coordination Interdepartmental Committee
- In accordance with the forecast, services stutter (partial electric blackouts)
- Due to a suspected cyberattack, a complete power shutdown happens (total blackout)
- The Disaster Management Coordination Interdepartmental Committee formulates a proposal for the Government to declare an emergency



### STAGE 2

Content of the Stage: The cyberattack targets the electric power grid and sites, where dangerous activities take place.

Date and time: 24.04.2018, 08:00–10:00

Operational time: 27.03.2018, 8:00–05.04.2018, 10:00

Issues to be dealt with:

- Securing and maintaining the work of the Government, and task related to this duty
- Maintenance of law and order, and public safety
- Supply of the general public
- Completion of guarding tasks

### STAGE 3

Content of the Stage: Dealing with the emergency situation caused by the cyberattack. The supply of systems.

Date and time: 24. 04. 2018, 10:00–13:00

Operational time: 05. 04. 2018, 10:00–10. 04. 2018, 16:00

Issues to be dealt with:

- Execution of operative tasks
- The “there is nothing is functioning” state: no bank system, transportation, education, medical care, running water (both freshwater and wastewater)
- Organization of temporary supply and restoration

### STAGE 4

Content of the Stage: Re-establishment of the normal working methods of public service branches and other organizations

Date and time: 24. 04. 2018, 13:00–14:30

Operational time: 11. 04. 2018, 8:00–24. 04. 2018, 14:30

Issues to be dealt with:

- Restoration of the state of normalcy/original state
- Maintenance of basic care and supply
- Retraction of the state of emergency - re-establishment of normal conditions



## PROGRAMME FOR PARTICIPANTS COMING FROM INTERNATIONAL PARTNER INSTITUTIONS

First day of the Exercise 23. April 2018		Second day of the Exercise 24. April 2018	
08.30–09.00 Zrinyi Campus	Breakfast	08.30–09.00 Zrinyi Campus	Breakfast
09.00–09.30 Zrinyi Campus	<ul style="list-style-type: none"> <li>Greetings and introduction of NUPS</li> <li>Introduction to the basic situation and execution of the Joint Public Exercise 2018</li> <li>Digital Mohács 2.0 - The defence of critical infrastructure in Hungary</li> </ul>		Arrival at Ludovika
09.30–13.00 Zrinyi Campus	WorkShop: <ul style="list-style-type: none"> <li>Presentation of tasks/best practices/working methods respective to each branch, and related to the management of emergencies described in the basic situation</li> </ul>	09.30–12.00 Ludovika Campus (LC)	Participation in the international press conference  Review the locations of the Exercise, presentation of activities of the national branches involved in the Exercise
13.00–14.00 Zrinyi Campus	Joint lunch	12.00–13.00 LC	Joint lunch
14.00–17.30	Cultural program organized by NUPS (sightseeing tour)	13.00–13.45 LC	Review the locations of the Exercise, presentation of activities of the national branches involved in the Exercise
		13.45–15.00 LC	Tour of the Ludovika Campus
		15.00–16.00	Return to Zrinyi Campus
18.00–20.00 Zrinyi Campus	Closing event of the first day: evaluation of performances followed by dinner (including the Management of the Exercise) (Folk-dance cultural program organized by NUPS)	16.00–17.00	Evaluation of the Workshop Evaluation of the two days' workprogram, closing ceremony with reception  Free program (self-organized)



The guests from international partner universities arrive at Building “D” of the Zrinyi Campus of NUPS on Sunday, 22 April, 2018, in the afternoon, where they occupy their rooms.

The Workshop is two-day-long filled with professional activities (visiting of the sights of the Exercise and the conference).

International participants will receive an English brochure with the summary of each Stage (accessible on the Internet in digital format). Based on this brochure, they prepare for the Exercise and the workshop, where they demonstrate the best practices in their own professions. During the course of the Workshop, they present all the applied practices of their respective service branches in the case of an organized cyberattack.

**The English language information booklet is available here:**

<https://en.uni-nke.hu/integrated-defence-2018>

**The video with English subtitles is available here:**

<https://www.youtube.com/watch?v=1Muhj9n4rpM&feature=youtu.be>



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*In service of*

