



The Finnish Defence Forces

e-Learning in the Finnish Defence Forces

*Maj Ville Kostian,
Mr. Miika Rouvinen*

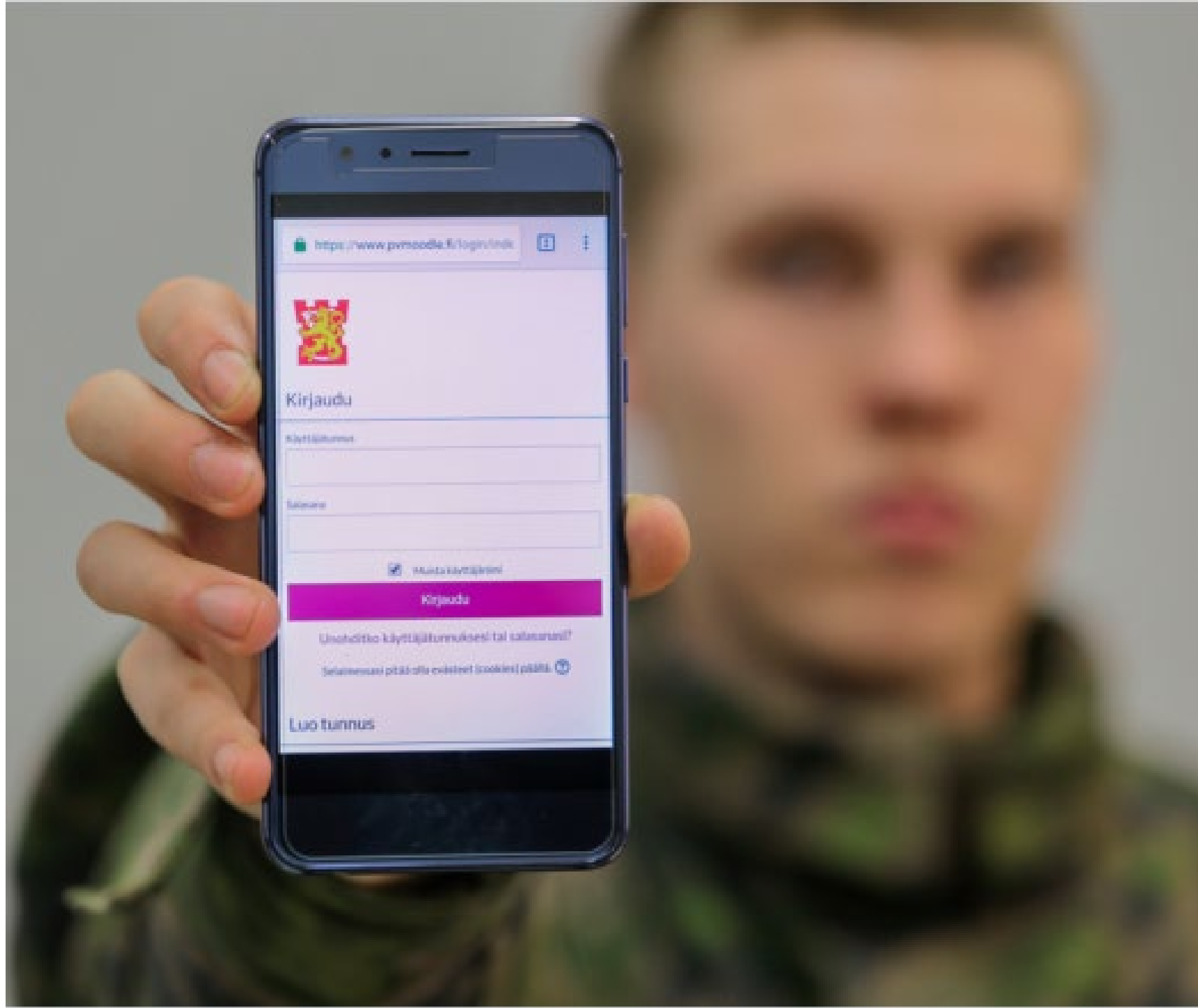
28.5.2024

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Puolustusvoimat

Försvarsmakten • The Finnish Defence Forces



A photograph of Finnish soldiers in a forest. The soldiers are wearing camouflage uniforms and helmets, and are holding rifles. They are positioned in a line, with one soldier in the foreground and others in the background. The forest has tall, thin trees and a misty atmosphere.

**Part 1:
The Finnish Defence Forces as
an educational organization**

***National defence is
everybody's business***

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Current Legislation – the base

The Constitution of Finland

Every Finnish citizen is obligated to participate or assist in national defence, as provided by an Act.

Conscription Act and other defence legislation

Every male Finnish citizen is liable for **military service starting** from the beginning of the year in which he turns **18 years old until the end of the year in which he turns 60**

Act on Voluntary Military Service for Women

Women's voluntary military service is provided for in the Act on Voluntary Military Service for Women

Act on Voluntary National Defence

Voluntary national defence is organized under the supervision and guidance of the Ministry of Defence (MoD).

The National Defence Training Association of Finland
Maanpuolustuskuulutus
(MPK)



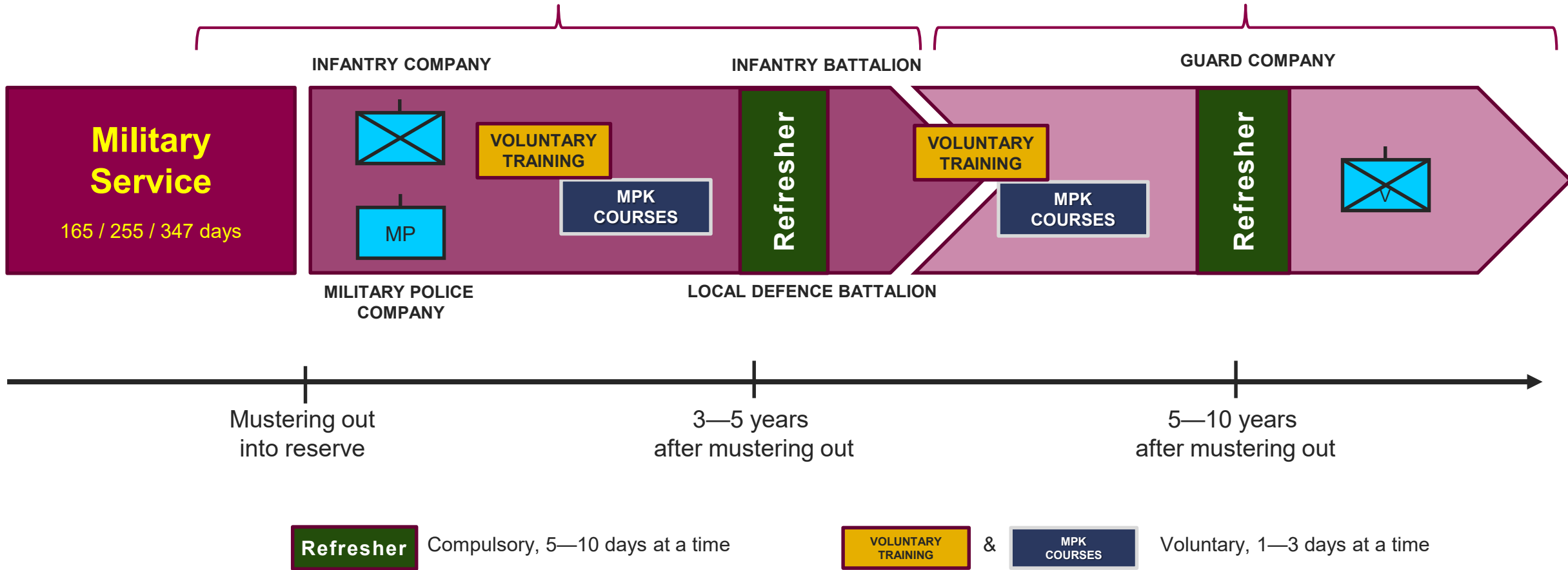


Force production and training of reserves

1st Wartime Assignment
Unit formed during Military Service

2nd Wartime Assignment
After 5—10 years in the Reserve

Call ups



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Wartime units are formed during military service

"...from the beginning of the year in which he turns 18 years old until the end of the year in which he turns 60"



Conscript training

- 18 Brigade level units which have **120** Company level subunits ("**schools**")
- **Two intakes** per year, á **12 000** conscripts
 - About **650** different individual service **duties**
- **Course-based** training
 - About **1000** different **courses** for the conscripts
- **Centralized planning** and material production
 - The National Centers of expertise (NCoE)
 - *One produces and develops – all use and give feedback*





The Structure of the Conscript training (165 days)



Basic training phase (6 weeks)

From a civilian to a soldier



Branch training phase (6 weeks)

Branch Training Basic Course



Speciality training phase (6 weeks)

Basic module on wartime task



Unit training phase (6 weeks)

Wartime unit



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Course-based training - Centralized planning & Continuous improvement!



The Structure of the Finnish Reserve and the volumes

WAR-TIME TROOPS
280 000

TOTAL NUMBERS IN
PEACE-TIME

War-time personnel + 13-100

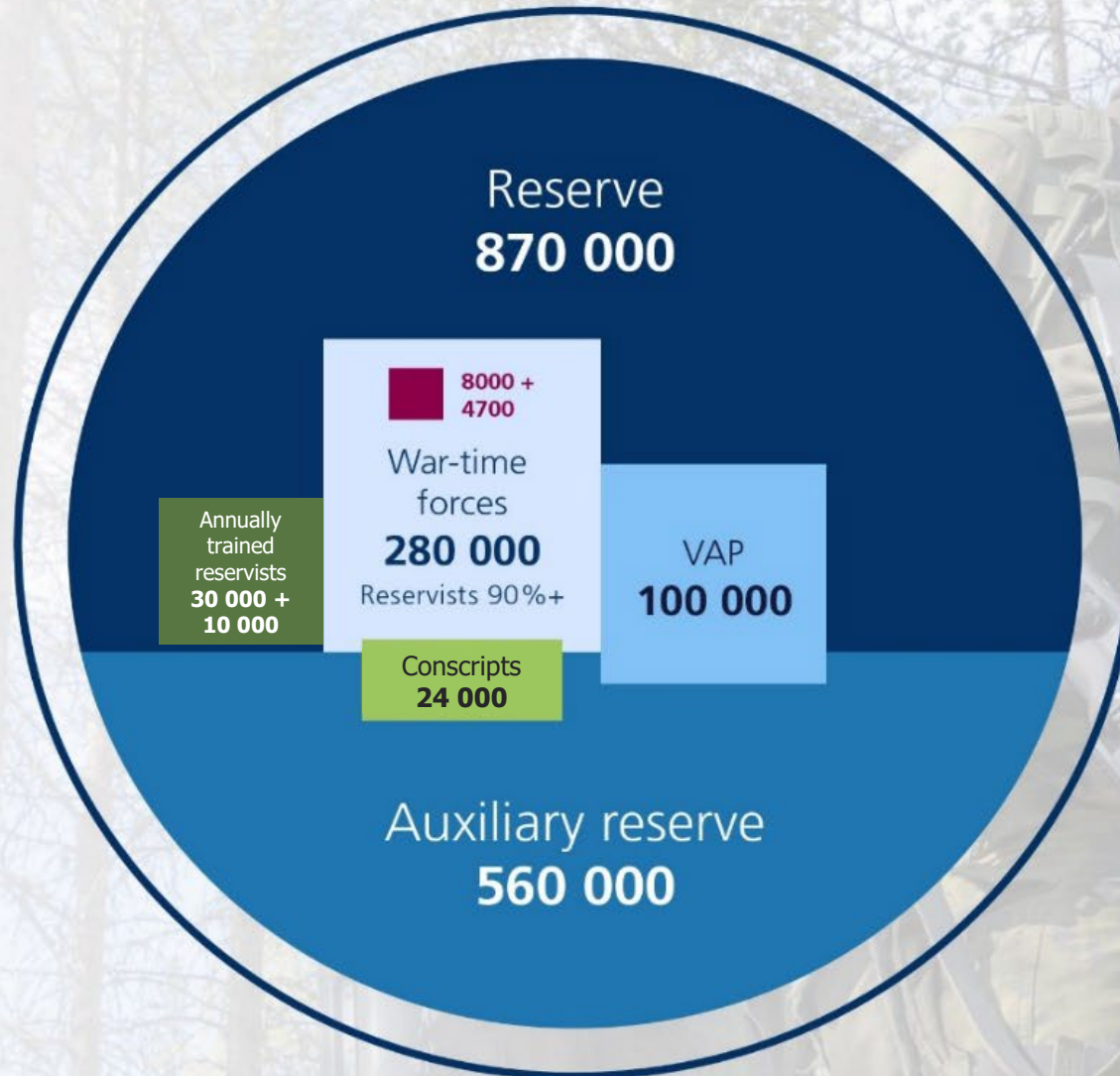
Annually

War-time + 24 000

Peace-time + 30 000



Liabile for
military service
1 500 000



VAP = Person who is exempted from war-time forces to critical tasks of another authority or major companies in terms of national defence.



The Reserve Training System

Reserve Training (the FDF)

Voluntary National Defence

Refresher Exercises

- Training for military units and formations
- Training for more demanding wartime duties
- Upkeep of military skills and knowledge
- Familiarization with changes
- Flexible changes in military readiness

Voluntary Exercises

- Voluntary exercises for units or parts of units
- Branch and specialty specific courses
- Upkeep of military skills and knowledge
- Preparation for compulsory Refresher Exercises

MPK Training (The National Defence Training Association of Finland)

- Training Contributing to Military Capability
- Development of individual skills and performance
- Leadership and Instructor Training
- Training in Comprehensive Security
- Support for FDF exercises

Self-imposed Training

- Massive Open Online Courses (MOOC)
- Field Fitness training, tests and events
- Reservist Associations' actions including firearms and range training
- Upkeep of individual skills and performance

FDF Moodle

MPK Moodle



The Professionals / Salaried Personnel – Soldiers and Civilians

- **About 13,100 employees, 1,000 different tasks**
 - The Finnish Defence Forces employs a community of military and civilian professionals across the country. Military service experience is not required of civilian employees.
 - Only ~5% of the Wartime forces (280 000)
- **Military education that leads to a degree:**
 - **The National Defence University (MPKK)** offers university classes to approximately 900 people annually and continuing training to approximately 1,000 people.
- **In-service training:**
 - The defence branches are responsible for providing in-service training in accordance with their competence needs
 - In-service training is implemented at military training institutes, national centers of expertise and administrative units and with our partners
 - About 1000 different In-service training courses in the FDF
 - the implementation method varies; F2F, blended learning, e-learning





Summary of the First part

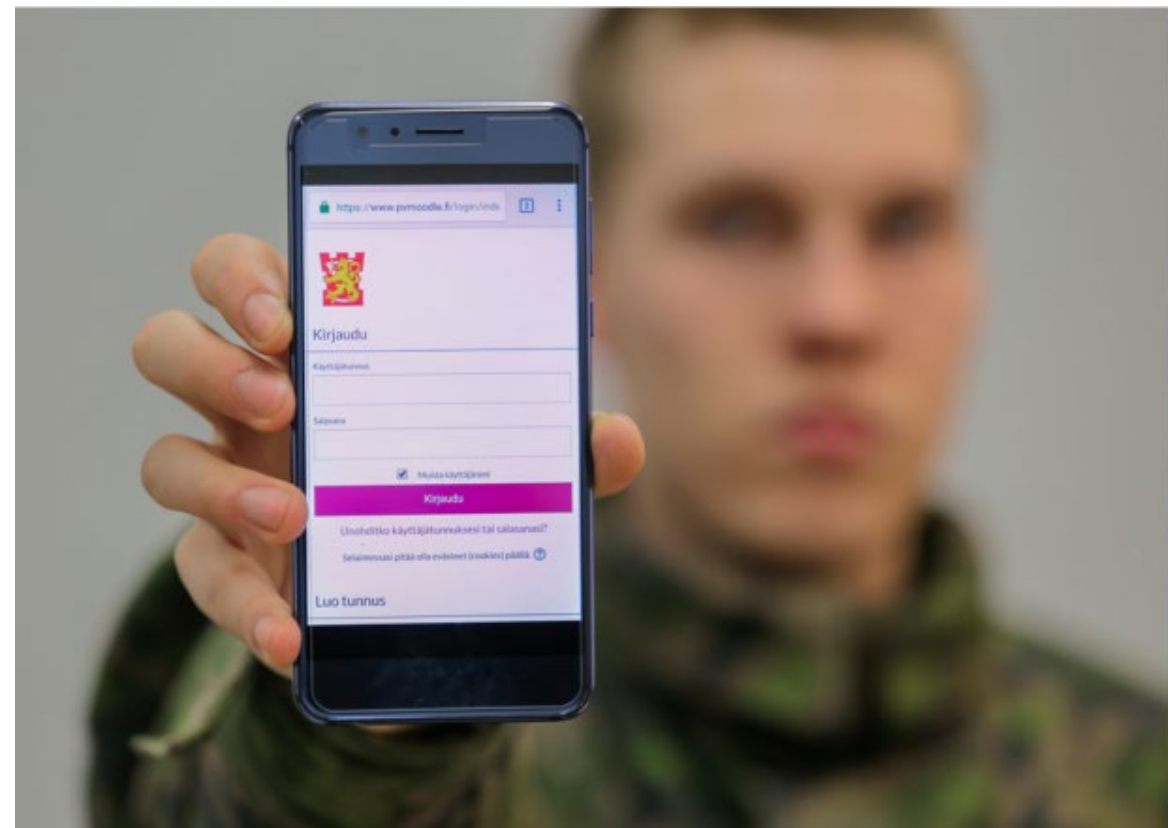
- **The volumes are quite high**
 - Conscripts ~24 000 annually, 120 "Schools"
 - Reservists ~30 000 + 10 000 annually / 280 000 / 870 000
 - Salaried Personnel ~13 000
- **Different personnel groups – different education / training methods**
 - Conscript training
 - Reservist training (Refresher Exercises, Voluntary Exercises)
 - Salaried Personnel (In-service training, Military education that leads to a degree)

-> How can we use our Moodle and ADL to support all of that?






Part 2: ADL and e-Learning tools of the Finnish Defence Forces





ADL in the FDF

- Simulations and Network Environments




Virtual
(VBS4)



Marksmanship
Simulators

2019



Live
KASI (Two-
sided Combat
Simulator)



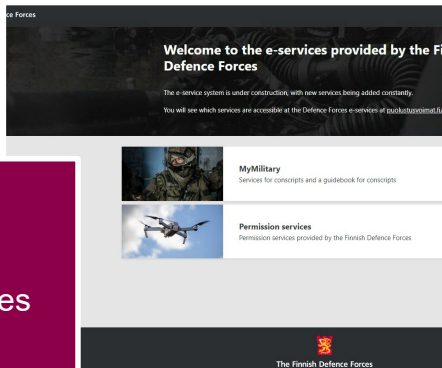
Command and
Staff Simulator

2019



e-learning

FDF Moodle (LMS)
Training video clips
Mobile apps

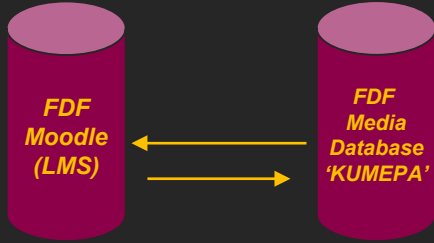
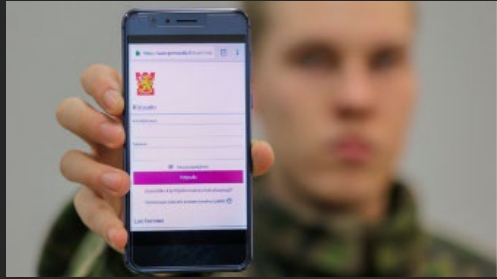


FDF
e-services

MyMilitary -services for conscripts
Permission services provided by the FDF



ADL as an enabler - blended learning



ADL Platform

e-learning – the basics



Constructive / Virtual Simulation



Virtual Arena (Indoor Trainer)



Live Fire Exercises



Field training and exercises and Live Simulation



In-Service training & e-Learning

FINCENT English for UN Military Peacekeepers

Contents

General

Uutiset
Click here: ACOS J7 Greeting - Esipuhe

WELCOME!

Anna palautetta!

What English?

What English?

1 Introduction to UN Peacekeeping

Key UN Peace Operations terms

2 Primary and Support Tasks

3 English In Action

4 Key Vocabulary

5 Glossary of Acronyms and Terms

Glossary of Acronyms and Terms

Your notes - Muistilpanot

English for UN Military Peacekeepers

Dashboard / Courses / international training / FINCENT / FINCENT English for UN Military Peacekeepers

FINCENT English for UN Military Peacekeepers

Course Grades Question bank Enrol me in this course Course reuse

General

Uutiset

Click here: ACOS J7 Greeting - Esipuhe

This online learning site is a practical distance joining UN-led peace operations.

Training methods and the role of the teacher

Enriched face-to-face

Blended learning

Remote face-to-face learning

Distance learning

Self learning



WELCOME!



What English?



2 Primary and Support Tasks



3 English in Action



Managing tools

Latest announcements

4 Mar, 13:46
Laura Murto
Työtilaa päivitetään säännöllisesti 15.3. jälkeenkin
Older topics ...

Glossary

Glossary of Acronyms and Terms

Key terms and UNIBAM

If you would like to check how many UN peacekeeping terms you already know, click below:

UN Peacekeeping terms

2020.01 United Nations Infantry Battalion Manual (UNIBAM)
"YK:n Dag Hammarskjöld kirjastosta löydät UNIBAM-manuaalin useilla eri kielillä."

Palaute

Anna palautetta! (pvmoodle.fi)

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FDF's eLEARNING PLATFORM

**FINNISH DEFENCE FORCES'
MOODLE & MEDIA LIBRARY**



The Finnish Defence Forces



HISTORY OF eLEARNING PLATFORM IN FINNISH DEFENCE FORCES (FDF)

- 1999 AVOT-program – Open learning and working environment
 - The first time for speak about blended learning in program level in FDF.
 - Technology, pedagogics, and FDF’s educational system in concurrent development.
- 2000 Milnet-portal
 - The first elearning platform – coded by the conscripts of the Anti-aircraft defence school
 - 96 courses and 8000 end users
- 2004 Training/education portal (KOPO – Koulutusportaali)
 - The Finnish Border Guard (FBG) joined as a user
 - 2011: 28000 end users, 2000 courses
- 2012 FDFMOODLE
 - Change to the Moodle platform
- 2020 FDF’s eLearning platform
 - Moodle and the Media Library, Kuva- ja mediapankki (KUMEPA)





CHANGE TO THE NEW PLATFORM 2020

- Conscripts training was evolving pedagogically because of the Training2020 – program.
 - Largest change in conscripts training so far in the FDF's history.
- The Media Library -project was started circa 2012 - synergy between Media Library and FDFMoodle spotted circa 2018.
- FDF was recognized the need for elearning also in the governmental security network (restricted), as in public internet.
 - Restricted for the personnel of FDF and FBG
 - Public for the conscripts and the reservists
- FDF's current eLearning Platform was about to be developed.



FDF's eLearning System

Owner of the platform is

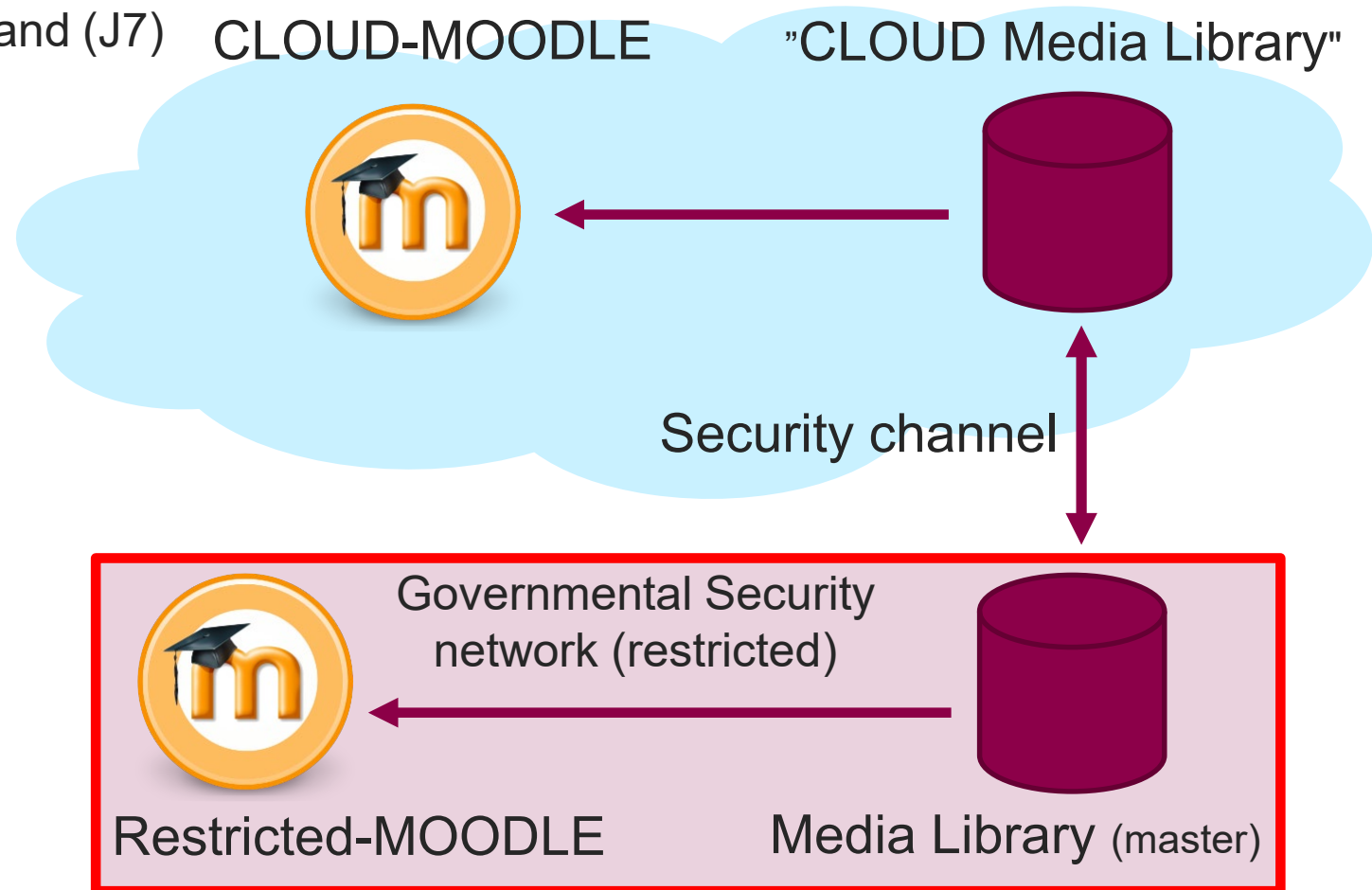
The Training Division of the Defence Command (J7)

Four different **vendors**

- Cloud services
- Security network
- MOODLE
- Media Library

END USERS

- all FDF's units
- all FDF's training and edu organizers
- all FFG's training and education
- volunteer national defence (reservists)
- all conscripts
- all reservists
- "all" FDF's and FBG's personnel
- and a fistful of others
 - f.ex. couple of hundreds foreigners





GOVERNMENTAL SECURITY NETWORK

- Restricted network, our normal working environment.
- Dedicated computer, and a smart card for login.
- Traffic between Security Network and Internet is allowed through Citrix, but only by the dedicated computer.
 - Working with Cloud-MOODLE is quite a pain, because of slowness of the Citrix.
- Access to the networks is allowed via lan or wlan from everywhere.
 - Remote working works fine.
- Restricted-MOODLE is a "normal" on-premise install versus the Cloud-MOODLE.

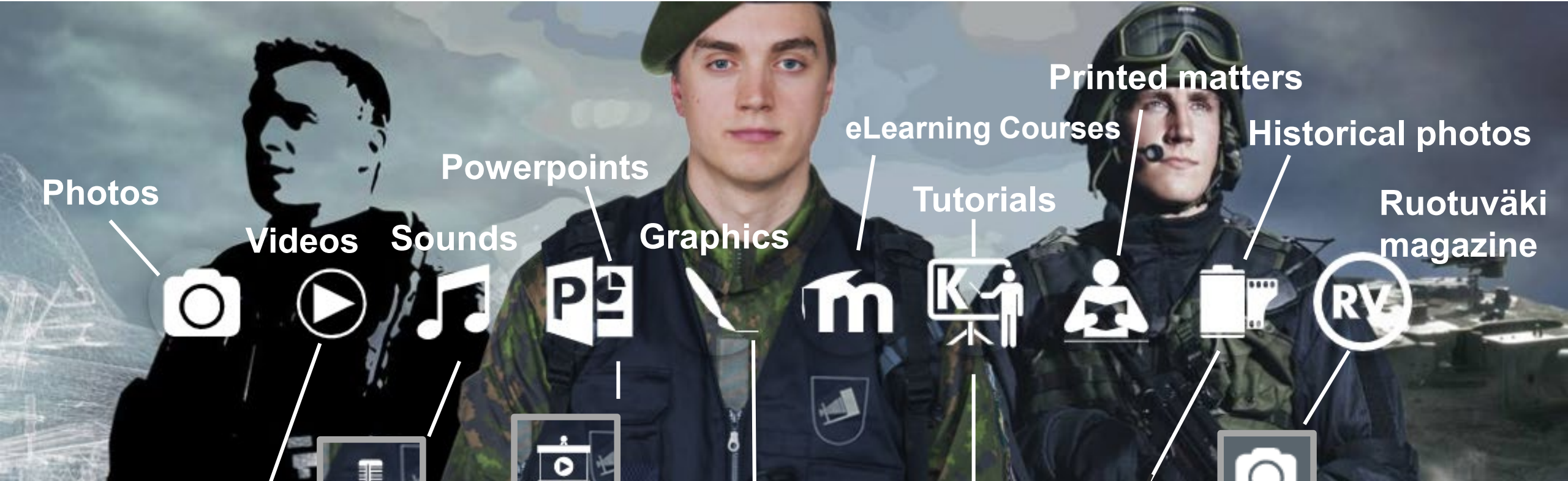




The Media Library

- The Media Library is centralized audiovisual material archiving, publication and distribution platform.
- In the Media Library you can find 10 product families containing e.g.:
 - photographs (contemporary and historical)
 - videos (including video clips (short films), masterfilms and raw material)
 - audios (for example the sounds of shooting with different kinds on weapons)
 - graphics (including 3D –graphics and maps)
 - teaching and learning material produced by the brigade-level units and establishments
 - Ruotuväki –magazine (this magazine for all employees and draftees of Finnish Defence Forces.
- Each product family has it's own designated product manager





Photos

Videos

Sounds

Powerpoints

Graphics

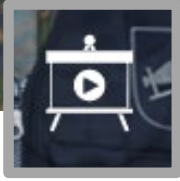
eLearning Courses

Tutorials

Printed matters

Historical photos

Ruotuväki magazine



Including:

- video clips
- masterfilms
- raw materials



presentations

Including:

- 3D graphics
- maps

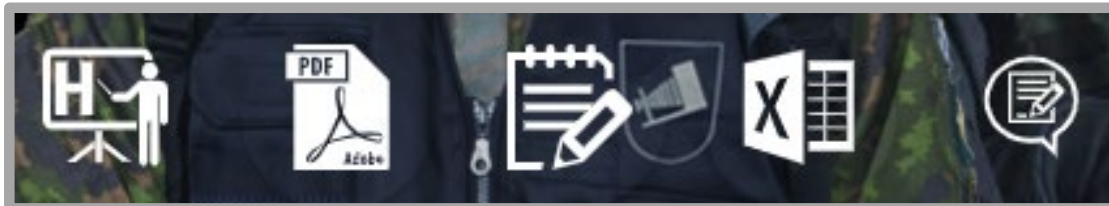
including:

- historical videos
- 360 degree historical photos

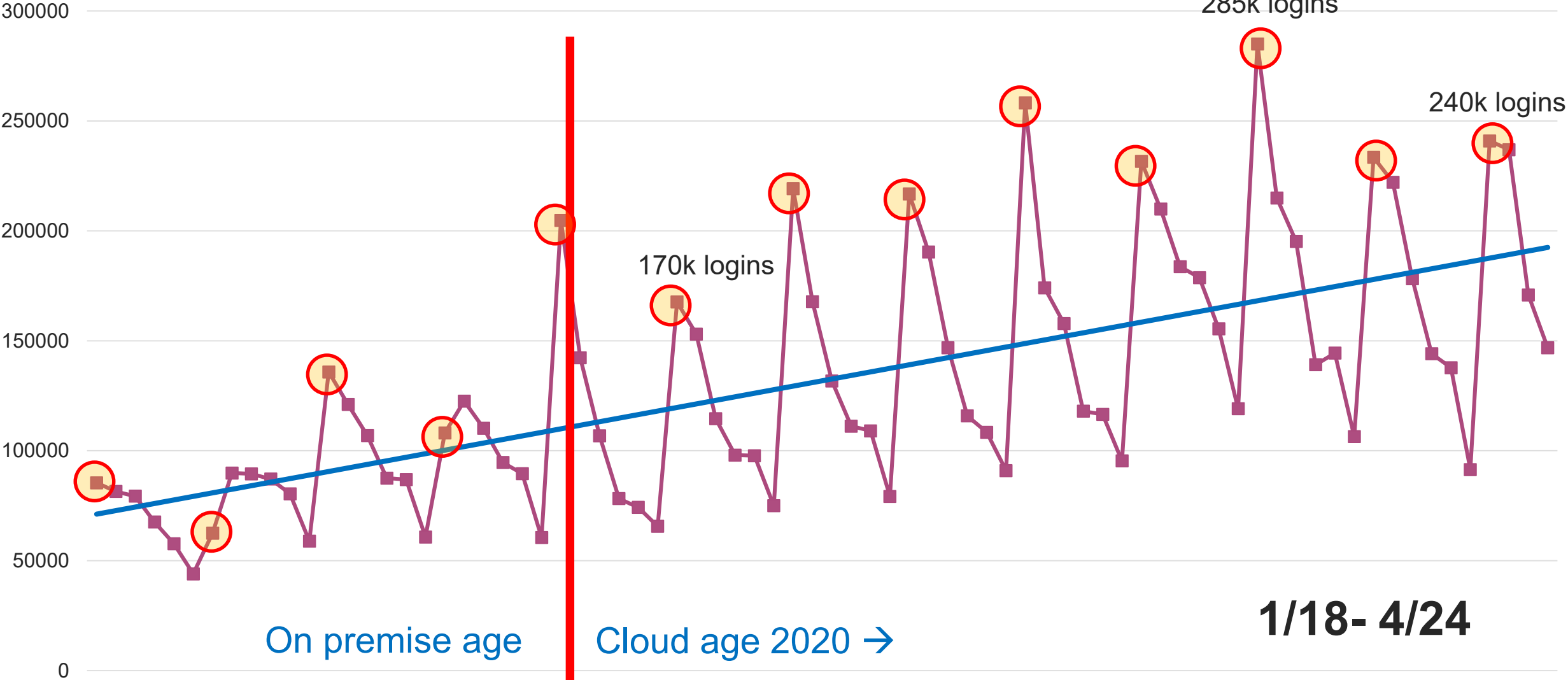
Ruotuväki, historical photos

including:

- **drill cards**
- PDF -files
- Word -files
- Excel -files
- comments



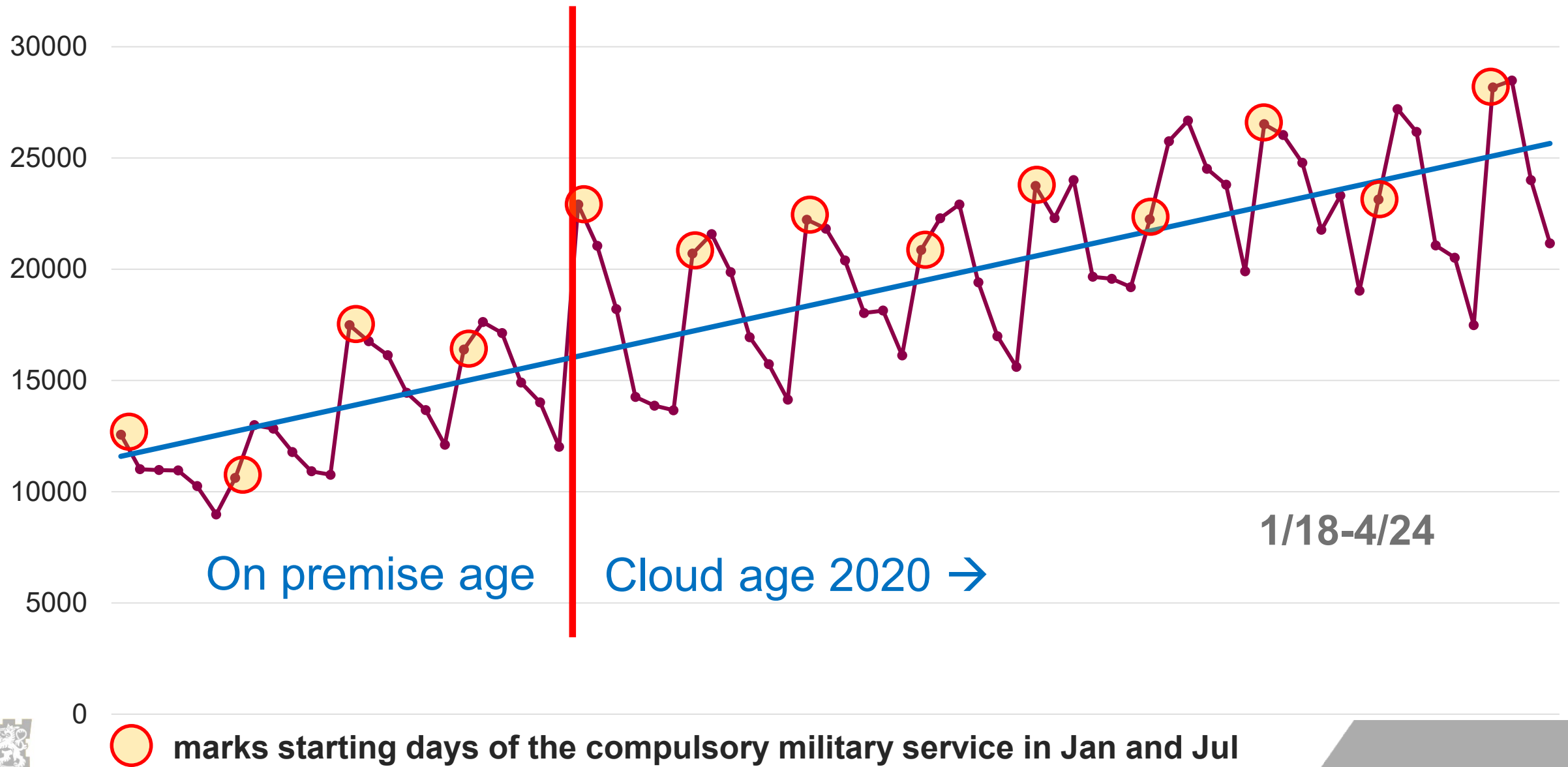
CLOUD-MOODLE's end users (logins)



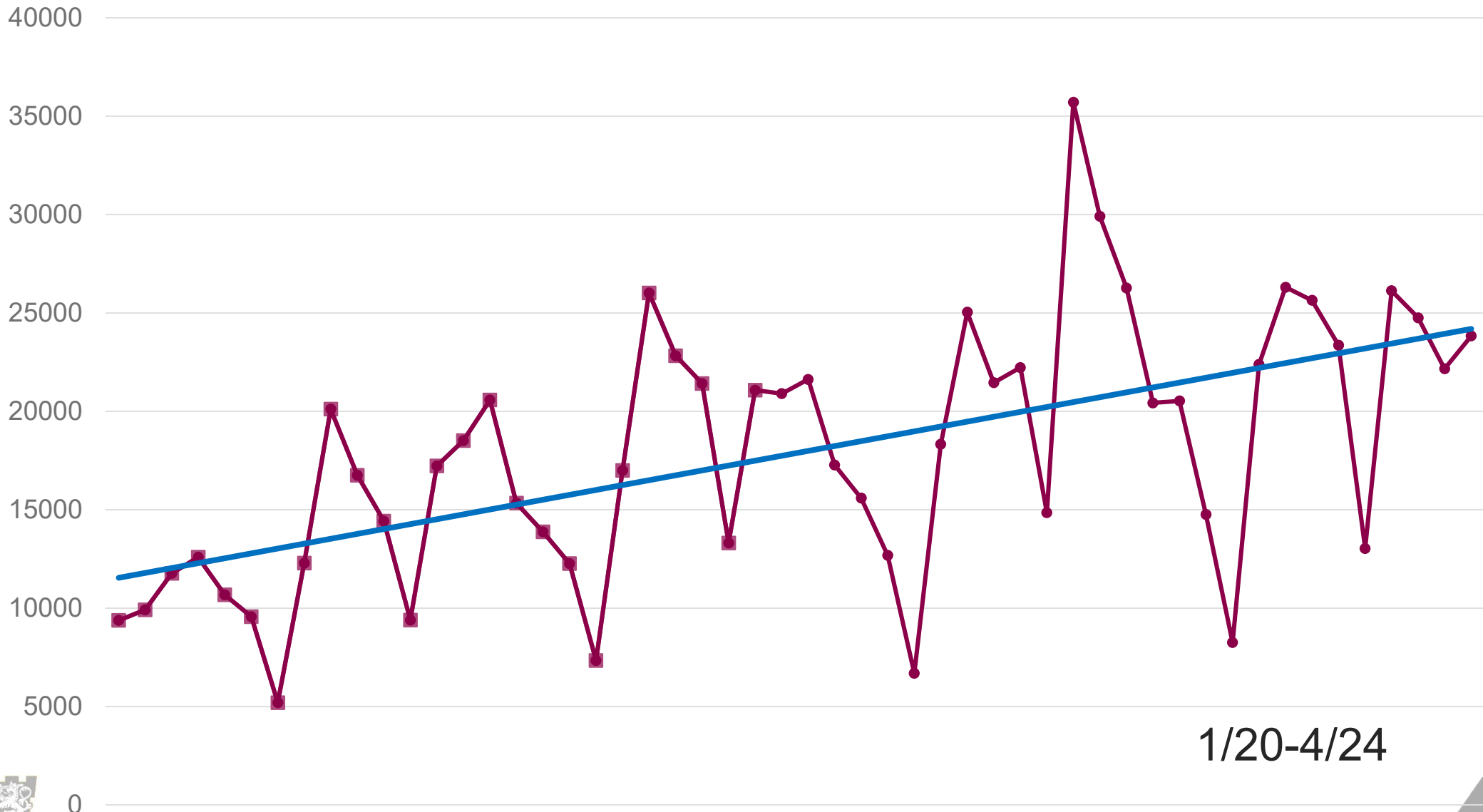
 marks starting days of the compulsory military service in Jan and Jul



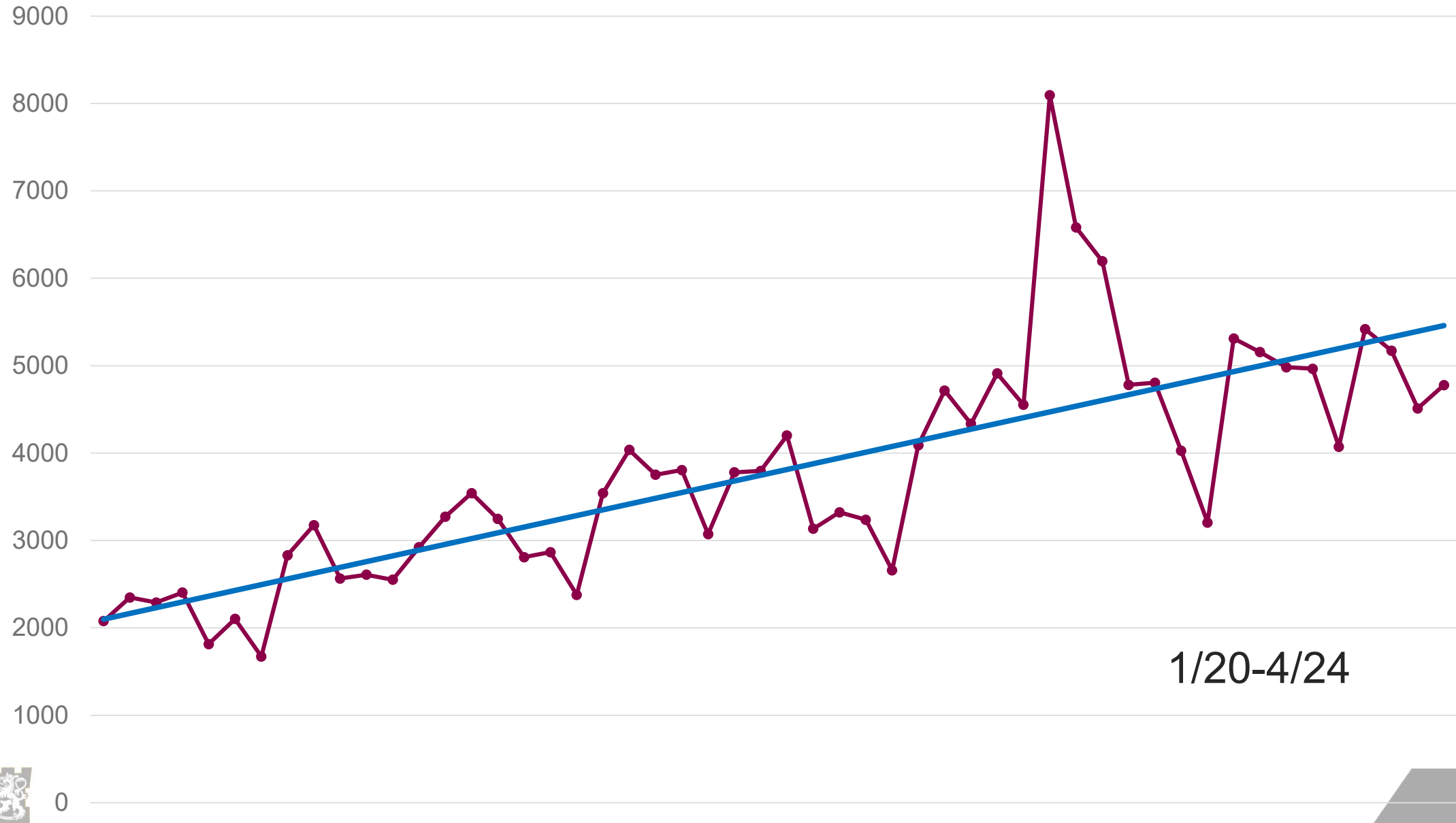
CLOUD-MOODLE's individual end users



Restricted-MOODLE logins



Restricted-MOODLE individual users



Q&A

**National defence is
everybody's business**



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