

SWEDISH ARMED FORCES

MODELLING & SIMULATION SUPPORT at OPERATIONAL & STRATEGIC LEVEL

JTLS-GO International User Working Group

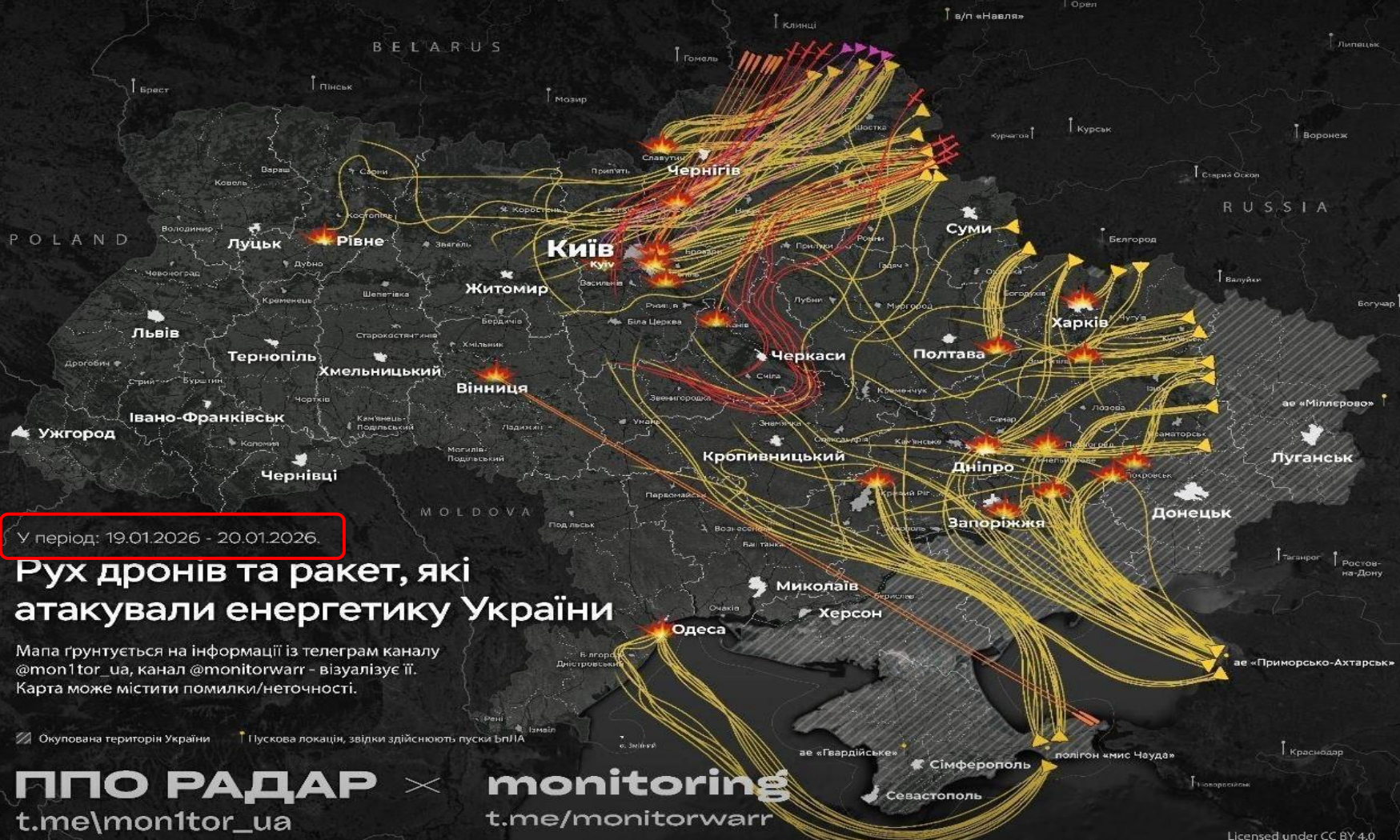
May 19th 2026

Lieutenant Colonel (RSwM) Ulf Hassgård
Defence Staff Training and Exercise Departement



NEW AOD & STRATEGIC SCENARIOS





У період: 19.01.2026 - 20.01.2026.

Рух дронів та ракет, які атакували енергетику України

Мапа ґрунтується на інформації із телеграм каналу @mon1tor_ua, канал @monitorwarr - візуалізує її. Карта може містити помилки/неточності.

██ Окупована територія України ★ Пускова локація, звідки здійснюють пуски БПЛА

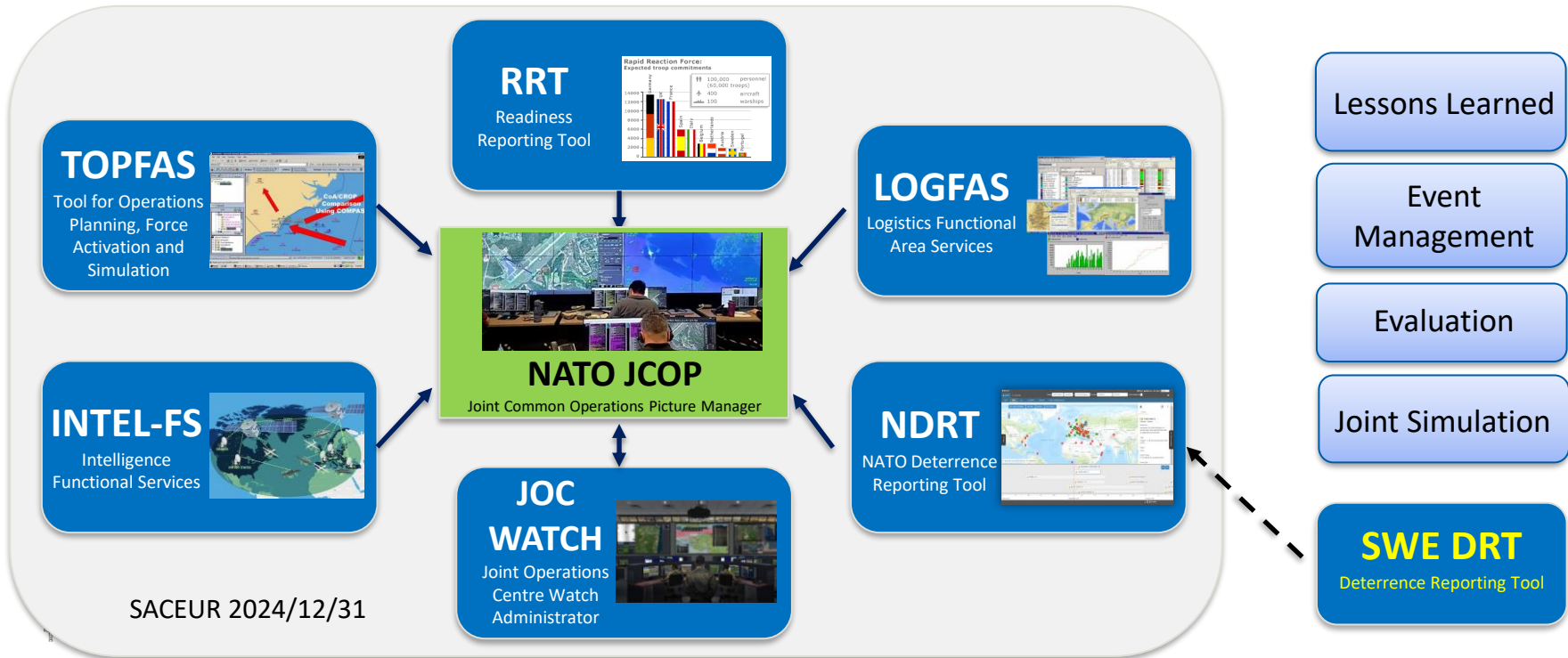
ППО РАДАР ×
t.me\monitor_ua

monitoring
t.me/monitorwarr



SITUATION AWARENESS CAPABILITY REQUIREMENTS

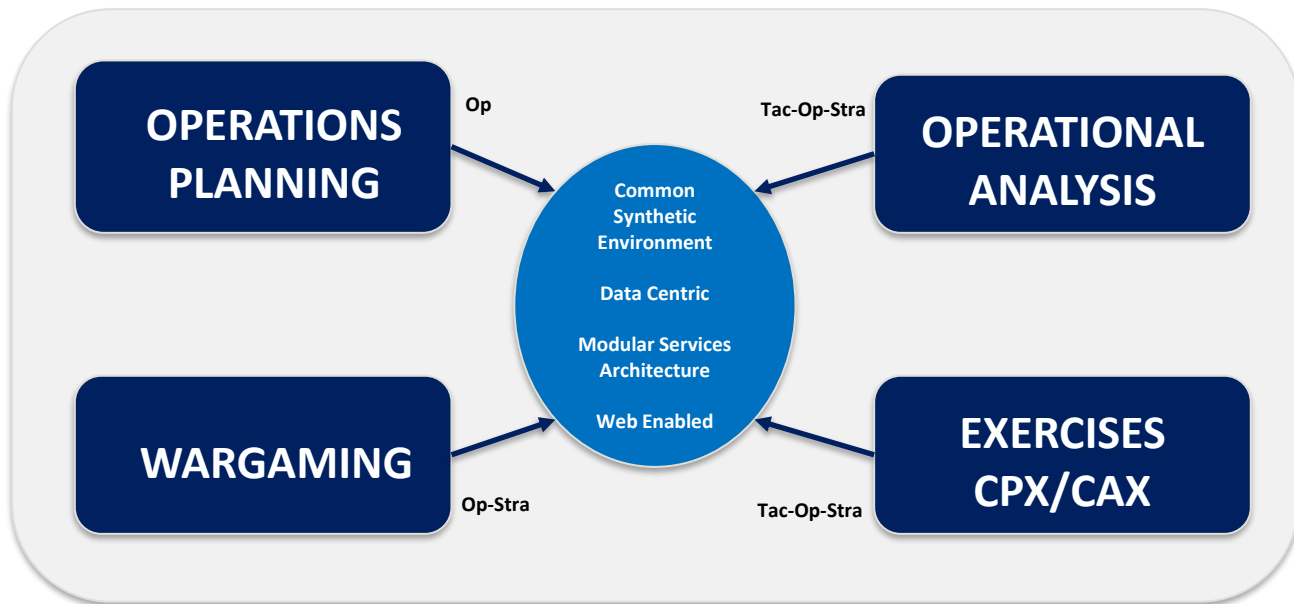
Interoperability first, adapt to NATO capabilities



DEFENCE STAFF M&S STRATEGIC OBJECTIVES

Interoperable and compliant with NATO Next Generation M&S capability program.

Services and Support to operations planning, operational analysis, command post exercises and wargaming.



COS DEFENCE STAFF M&S GUIDANCE AND STRATEGY (1)

- **Primary task - Supporting Operational and Strategic HQs – Defence Staff, Joint HQ, Services HQs and Regional HQs**
 - Warfighting Headquarters
 - NATO First - Ready, Standards, Available capabilities, JWC use
 - CPX/CAX, OP Planning & Analysis, Wargaming
 - NATO Steadfast Duel and Steadfast Deterrence – Primary CPX
 - C2 NATO Secret – NATO WAN
 - Aligned to SWE Armed Forces Interoperability Plan
 - Military Defence and Civilian agencies collaboration in Research & Development, Test & Experimentation, and CivMil Coordination
-
- **Challenges** – Organisation, Methods, Capabilities, Infrastructure, Interoperability
 - **Action** - Establish Defence Staff TRES Department M&S Section (similar to NO JHQ J7)



The **STEADFAST DUEL** Command Post Exercise is a very realistic multi-domain exercise for the warfighter, executed in a simulated environment to strengthen our collective deterrence and defence. It provides a perfect venue to exercise NATO's strategic and operational command system and integration of the member states. It will integrate real-world regional planning and cutting-edge technologies. It will also contribute to warfare development, help to operationalize transformational concepts and assess a range of Allied doctrines and procedures.

COS DEFENCE STAFF M&S GUIDANCE AND STRATEGY (2)

- Guidance - NATO M&S Master Plan
- Aligned with NATO M&S related programs
 - *Next Generation M&S and Wargaming (NexGen M&S)*
 - *NATO Modelling and Simulation Group (NMSG)*
 - *Federated Mission Networking (FMN)*
 - *Distributed Synthetic Training (DST)*
- Nordic and FI-SE-NO collaboration
- Ukraine - Sweden cooperation, win-win, lessons learned, red team
- Active collaboration with NATO on Automation – Artificial Intelligence – C2 to Sim to C2
- **Challenge:** Accelerate initial operational capability with adapted data and scenario(s) in a secure environment – NATO Secret.





WAY FORWARD

- Comply with the COS Defence Staff M&S Guidance and Directive
- Reach out to Norway Joint HQ J7 and NATO JWC, Stavanger
- Align to NATO NexGen M&S program and capabilities
- Collaboration with FINDEF J7 and NDUU Simulation Centre
- SWE Defence Authorities internal cooperation – SDRA/FOI, SDMA/FMV, SEDU/FHS
- Define Organisation, Training and Infrastructure
- Technical Integrator, align to NATO Secret
- Method Implementor/Facilitator
- JTLS-GO 6.4 test license for 2026 – test, demonstration, experiment and evaluation
- Eventual procurement through NATO Services Procurement Agency (NSPA).





DEFENCE STAFF WAY FORWARD TIMELINE



Q2-2026	Q3-2026	Q4-2026	2027	2028	2029	2030
Tech WS, Monterey Initiate NS study JTLS-GO Foundation Course	NATO M&S COE CAX Course Test Event (Sep)	Demo Event (Oct) JTLS-GO Practitioner Course Experimentation CAX (Nov) Initiate accreditation NATO M&S COE Experimentation & Wargaming Course	Evaluation report NS study report Organise M&S section Experimentation CAX NDUU Exchange Steadfast Duel & Deterrence	JWC Training Experimentation CAX NDUU Exchange FI-SE Exchange Steadfast Duel & Deterrence Finalize infrastructure	IOC UNCLASS CAX	FOC NS CAX

