

# **Arctic Strike 2024**

- an operational live fire experiment in an arctic environment

in collaboration with the Norwegian Army, the Norwegian Special Forces and the Swedish Army

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### **Arctic Strike 2024 – what**

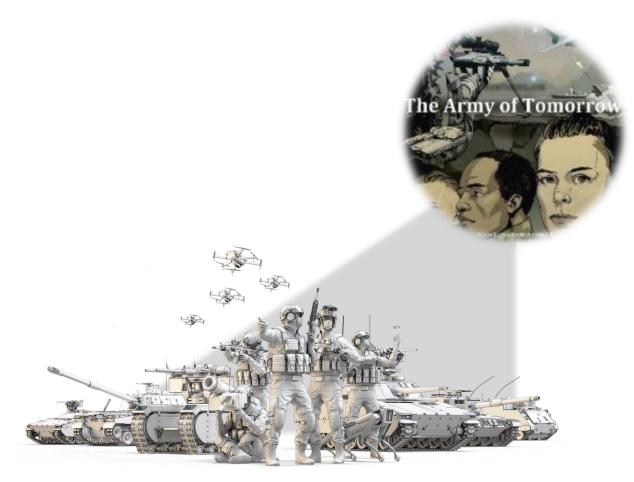
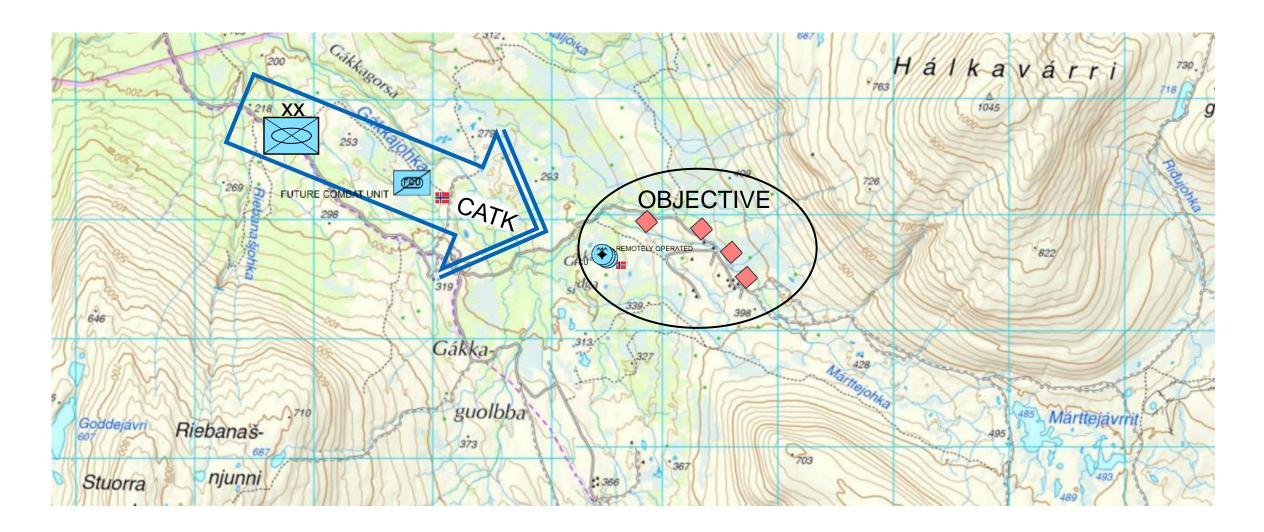


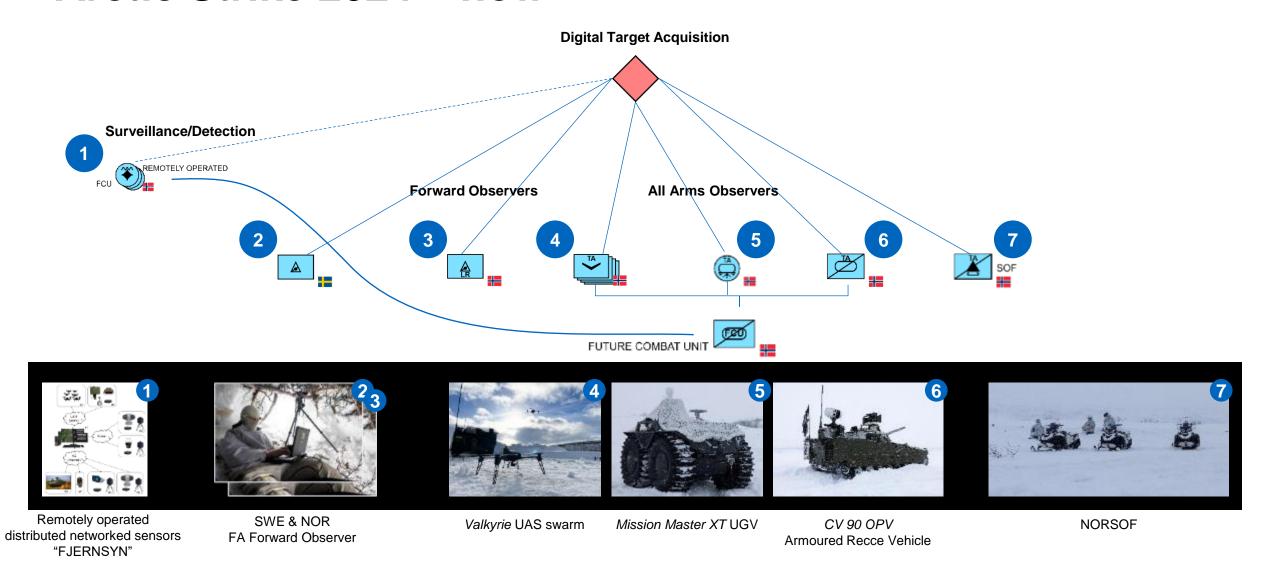
Illustration: Norwegian Army Land Warfare Centre

- Live fire experiment under
- Arctic conditions to execute
- Seamless digital target acquisition with
- Fielded & experimental sensors across
- Multiple security domains through
- Multiple levels of command to provide
- Bi-lateral indirect live fire support

### **Arctic Strike 2024**

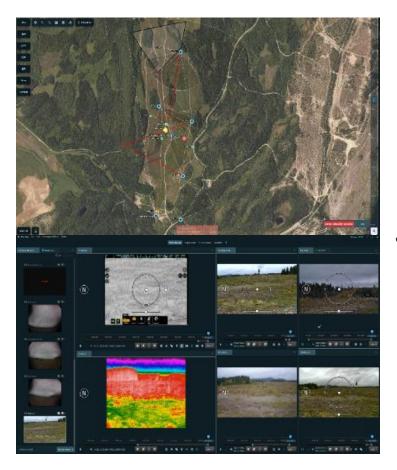


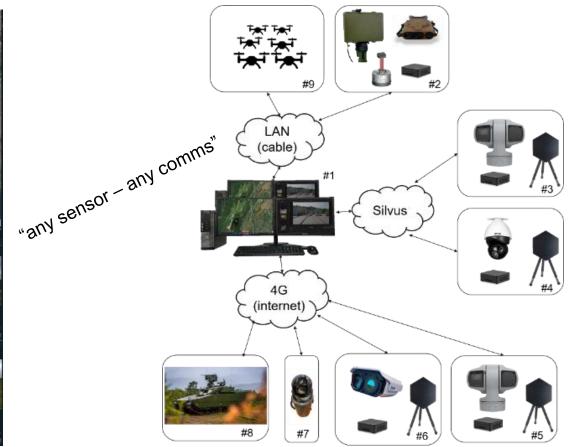
### Arctic Strike 2024 – how



# Remotely Operated Distributed Networked Sensors – "FJERNSYN" 1

- currently being fielded as part of the NOR Area Access Control System

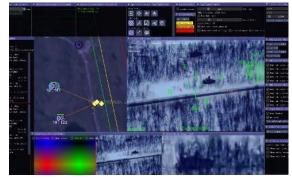




# UAS swarm – Valkyrie 4











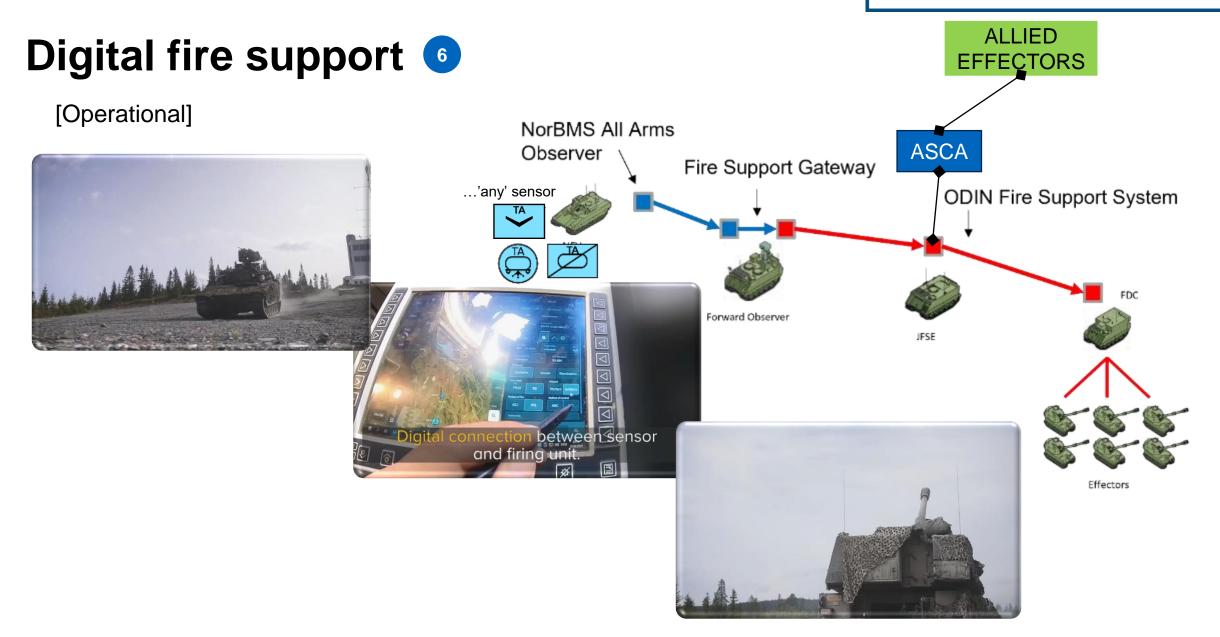
## **UGV – Mission Master XT w/ EO sensor** 5







#### **EXEMPT FROM PUBLIC DISCLOSURE**



GNSS-denied precision target acquisition 7 Artillery HQ **Snow Mobile** with inertial navigation unit Enemy

Target

#### **EXEMPT FROM PUBLIC DISCLOSURE**

Arctic Strike 2024 – C2/C4IS overview and

sequence of events



#### Order of TA and engagements with effector

Nr	Activity	Target	Sensor:	Effector:	Tactical (T)/ Experimental (E)
1	Detection	HPTs in general	Remotely Operated Sensor <sup>1</sup>	NIL	(E)
2	Engagement	TBD	LRRP/Arty Ranger (NOR Div Deep)	SWE guns	(T)
3	Engagement	TBD	SWE FO	NOR guns	(E)
4	Engagement	TBD	Drone Swarm <sup>1</sup>	SWE guns	(E)
5	Engagement	TBD	UGV <sup>1</sup>	NOR guns	(E)
6	Engagement	TBD	CV-90 («TA-improved»)1	NOR and SWE guns	(E/T)
7	Engagement	TBD	SOF	NOR and SWE guns	(T)



Information System

(NOR)

(SWE)

Fire Support Application

Fire Support Application

Artillery Systems

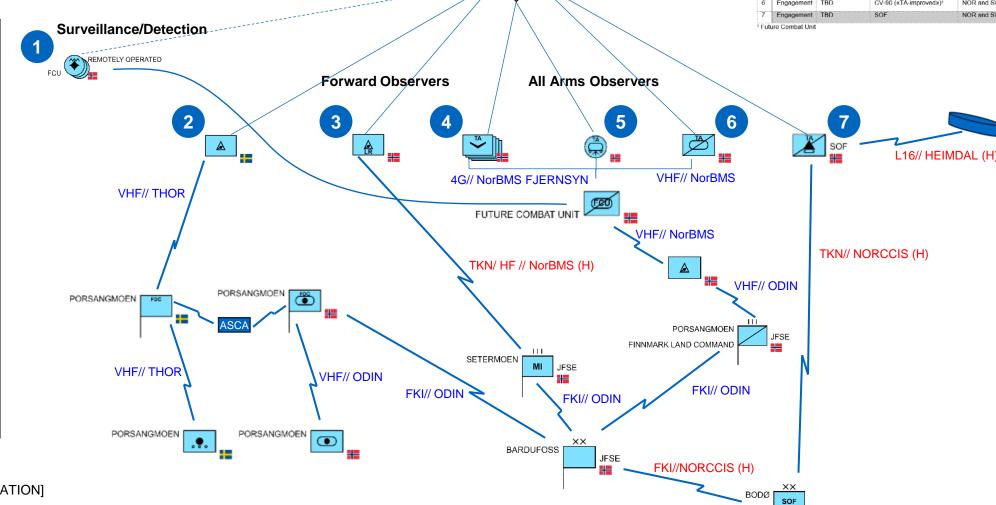
Cooperation Activities

Legend:

ODIN

THOR

ASCA

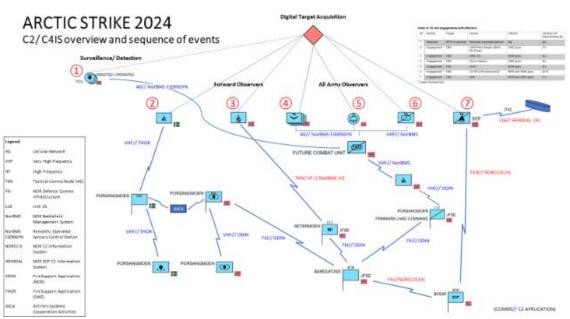


[COMMS/C2 APPLICATION]

FFI Norwegian Defence Research Establishment

# **Arctic Strike 2024 – "Battlefield Geometry"**





# Arctic Strike

- an operational live fire experiment



# FFI turns knowledge and ideas into an effective defence