Interoperability... an update

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FÖRSVARETS MATERIELVERK | **FMV**

Interoperability Update

- Purpose: Updated overview of current efforts

- Content:
  - Current Situation
  - C3IOP Continued Investigation of NATO CIS related Documents
  - Multinational Capability Development Campaign
  - Digital Policy Committee
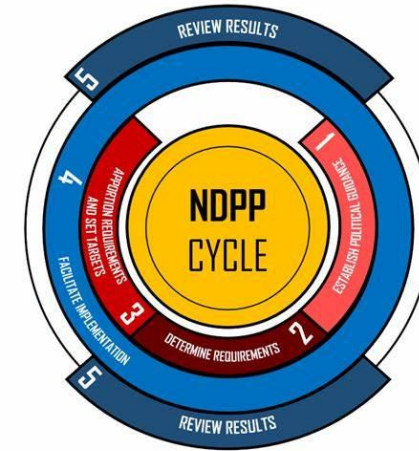 - TDL Advisory Board and international IOEs

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Current Situation

Sweden is a NATO Ally

- Since March 7

Statement Goals for Sweden:

- Growth

- Support to Ukraine

- NATO
    - Effort for all governmental agencies to review the impact of the NATO administrative rules and regulations, and any changes/updates needed on our side.
    - New demands and opportunities as a full member being part of the formal processes

Investigation of NATO governing CIS related Documents

Purpose is to guide the Swedish stakeholders in approaching NATO steering documentation within the area of CIS

We retrieved NATO CIS related documents, from strategic concepts to implementing directives, from multiple sources.

The result is a collection and mapping of NATO governing CIS related documents and a first assessment on how these documents affect development in Sweden and the integration of Armed Forces into NATO.

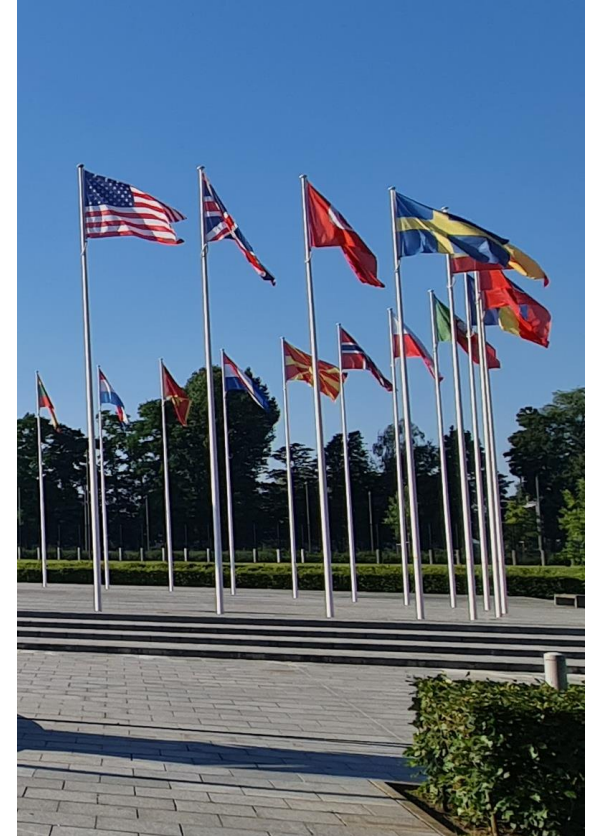|	NATO documentation	Swedish documents
As Coalition partner	NATO documents	"Our documents"
As Member of NATO	"Our documents"	Swedish national document

2024-09-09

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Continued work: Operational Priority Perspective on NATO CIS Task

- As an Ally, we have the obligation to take active part in the NATO standardisation processes for STANAGs.

- We need to declare what STANREC we will implement.

- Further analysis of CIS related NATO documentation to prioritise interoperability and integration with NATO and Allies.

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Multinational Capability Development Campaign

The Multinational Capability Development Campaign (MCDC) series is an initiative led by the United States designed to collaboratively develop and assess concepts and capabilities to address the challenges associated with conducting joint, multinational and coalition operations.

It aligns under NATO ACT (Allied Command Transformation) and it started 2013.

Multinational Capability Development Campaign

Multinational Capability Development Campaign

Multi-Domain Multinational Understanding

MCDC November 2022

- **Multi-domain.** The condition where two or more domains interact with one another.

- **Multi-domain operations.** The orchestration of activities in multiple domains to achieve a desired end-state.

Multinational Multi-Domain Command and Control (M2C2)

Leads

Contributors

Observers

This project will focus on existing Allied and Partner literature, development and acquisition actions, and doctrinal developments regarding C2 interoperability.

The complexity and speed of action is increasing in the battlespace, and the relevance, accuracy, and speed of coalition C2 must also increase. This requires that nations address Multi-domain C2 interoperability requirements and solution options with new approaches for achieving information and decision advantage across international standardization and harmonization of data and information systems based on data-centric security. Since C2 is not only a technological endeavor the military should also provide suitable organizational structures and focus on creating a cohesive mindset for future leaders.

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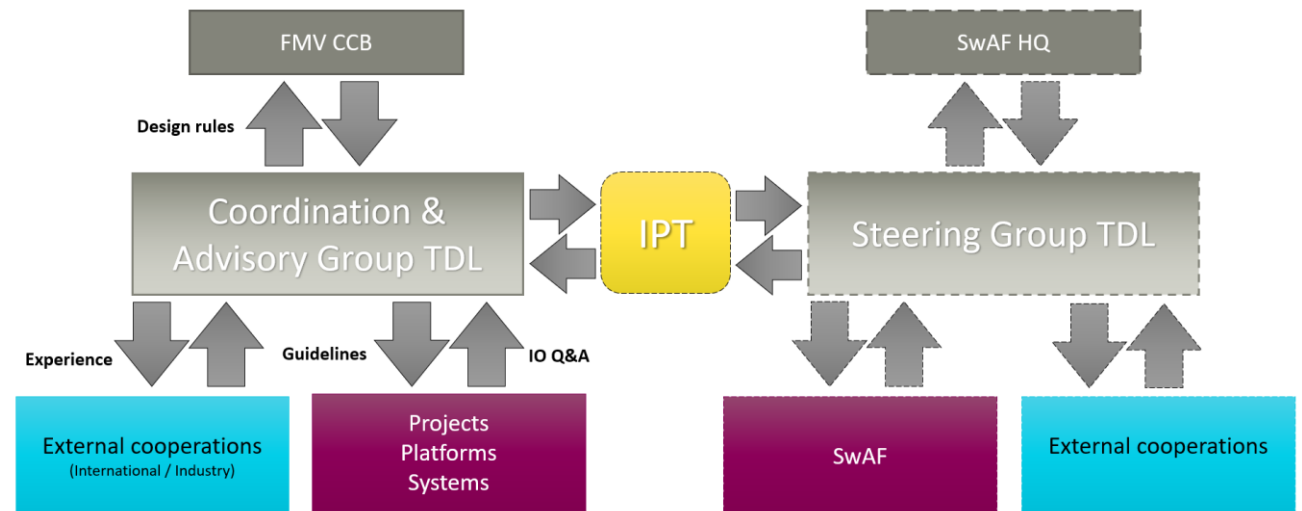# Participation in TDL CaT (incl Syndicates)

Last year:

- Participated as a Partner Nation
  - Not voting member, only "listening in"

This year:

- New Swedish delegation members
- Identifying stakeholders for all groups

Going forward:

- Need to establish a national CM process
  - Cooperation between Government Agencies

Swedish Armed Forces IERs (Interoperability Evaluation)
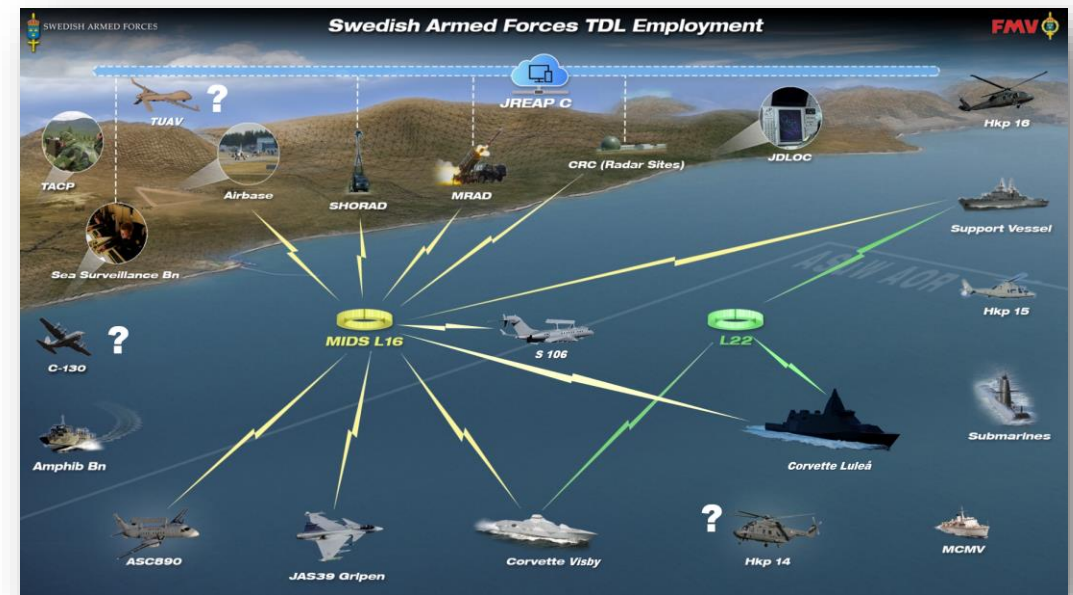
Ongoing efforts:

- NEW
  - Requirement deltas from NEW

- YSF 2030

- GBAD

Future:

- Establish a SwAF TDL stakeholder group

International IOEs (Interoperability Evaluation)

Last year:

- One IOE conducted:
  - Finding ways to utilise the results
  - General agreement with one more nation

- Continue to promote this effort by giving presentations:
  - NTDLS
  - TCF
  - IDLS
    "Overcoming Information Sharing Hurdles to Support TDL Interoperability Evaluation"

- **This year:**

- Outcome:
  - General agreement with 2 additional nations
  - Figuring out details for each solution is ongoing
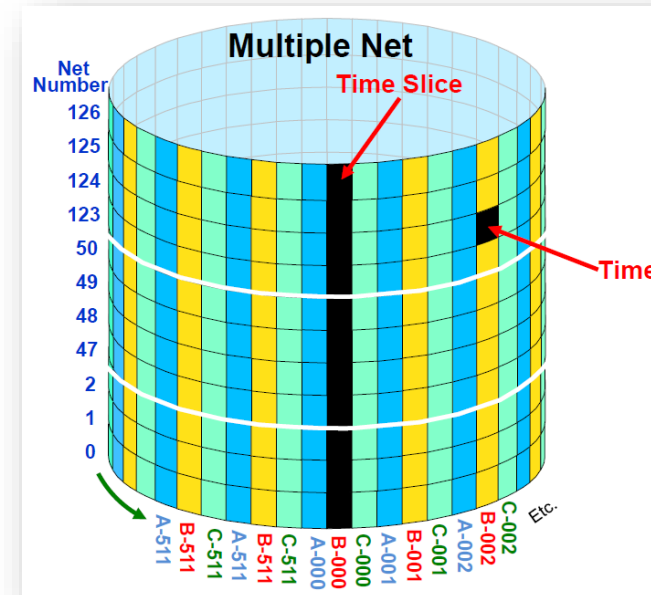
TDL Training at FMV

This year:

- 3 occasions of 2-day "TDL Basics (L16)"

- 1 occasion of 1-day "JREAP Basics"

Still to come:

- 1 occasion of 2-day "JREAP Basics"

- 1 occasion of 2-day "TDL Basics (L16)"

Next year:

- Expected to continue this effort

Questions?

How do you EAT an ELEPHANT? ONE BITE at a TIME.

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