



## What is FMN?

FMN is a NATO Initiative - To enable NATO, NATO Nations, and Non-NATO Entities to collaboratively agree their collective federation requirements, align their operational processes, standardize their technical and procedural solutions, develop and use shared sets of command and control capabilities in support of NATO-led and coalition missions.

## FMN Vision

FMN seeks to achieve “Day Zero Interoperable Forces”. (*i.e.*: Enable NATO, NATO Nations and Non-NATO Entities to participate in operations reusing a single infrastructure to instantiate multiple mission networks with multiple levels of classification, providing seamless information sharing from strategic to tactical users).

## FMN Initiative

The FMN Initiative was approved by the North Atlantic Council (NAC) (30 January 2015). The FMN Initiative consists of:

- **FMN Governance:** Direction set via a Governance Action Plan.
  - **Responsibility:** The Military Committee.
- **FMN Framework:** Consisting of working groups and processes that maintain federated requirements, roadmaps, specifications, standards, architectures, templates and baselines.
  - **Responsibility:** The FMN Affiliates (NATO, NATO Nations, and Non-NATO Entities)
- **Individual Mission Network Instantiations:** The application of the templates and baselines to an operational mission.
  - **Responsibility:** The Commander of a Mission.



# FMN Principles apply across the FMN Initiative

- **Federated Approach.**
  - Management and governance is on the boundaries of participants.
  - Participants are equal.
  - Participants remain responsible for their own resources.
- **Trust and Willingness.**
  - Participants demonstrate commitment.
  - Participants actively collaborate.
  - Participants willingly share information.
  - Participants willingly share vulnerabilities.
- **Cost Effectiveness and Maximum Reuse.**
  - Participants reuse what exists.
  - Participants do not duplicate.
- **Incremental Approach.**
  - Participants evolve capabilities collectively.
  - Participants field capabilities together.
- **Support an Uncertain Future.**
  - Participants adapt capabilities to operations and missions.
  - Participants adapt capabilities to changing technology.

## FMN is

- **Federated** - Participants form a single entity, within which they are equal and retain autonomy, but commit to common process, standards and structures, provide materiel, demonstrate commitment, leading to development of **MUTUAL TRUST**.
- **Mission** - Development is operationally/scenario-driven (including exercises), to ensure FMN is focused on the **SUPPORT** provided to the Operational Commander.
- **Networking** - Requires the interaction of people, processes, and technology to exchange information and/or services, leading to **CONNECTED FORCES**.

## Expected Benefits of the FMN Initiative

- **Interoperability.** FMN will improve the interoperability between mission participants.
- **Faster setup.** FMN will reduce the time required to establish coalition networks.
- **Better information sharing.** FMN will improve the sharing of information and situational awareness.
- **Cheaper.** FMN will collectively save costs through enabling the pooling and sharing of resources.



<https://www.act.nato.int/activities/fmn>

