

What is the MIP Information Model?

The [Multilateral Interoperability Programme](#), a military standardization body comprising 24 member nations and NATO, is pleased to present the MIP Information Model (MIM)! The MIM provides a common semantic reference for the C2 domain. It embodies all operational concepts of its predecessor, the widely adopted JC3IEDM, and is designed with regard to readability, modularity, extensibility, semantic strictness, and model consistency.

The MIP Information Model represents a valuable contribution to the service design for future mission networks. Using the MIM, we can ensure that information exchanged across multiple services will be consistent and composable. As a unique semantic reference for the C2 domain, the MIP Information Model also supports the data modelling and harmonization efforts within NATO.

The MIM employs state-of-the-art modelling techniques and tools based on open standards and industry best practices. It is not tied to a specific exchange technology. Free software tools facilitate the adoption and adaptation of the MIM.

MIM goes NATO STANAG

MIP has submitted a proposal for a new cover STANAG to the NATO C3 Board. It recommends using the MIP Information Model for the definition of information exchange specifications to aid full interoperability of NATO Forces. MIP is also seeking to add the MIM to the NATO Interoperability Standards and Profiles (NISP) and the NATO FMN Implementation Plan (NFIP) as the semantic reference model on which future specifications should be based.

Looking for more introductory information?

Please have a look at the papers and presentations provided in the [documents](#) section. The set of resources includes:

- An information sheet for a non-technical audience ([MIM Information Sheet](#))
- A technically driven introduction to the MIM and the MIM tool suite as Powerpoint presentation ([MIM Introduction](#))
- Scientific papers describing the concepts and the application of the MIM