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MIP Interoperability
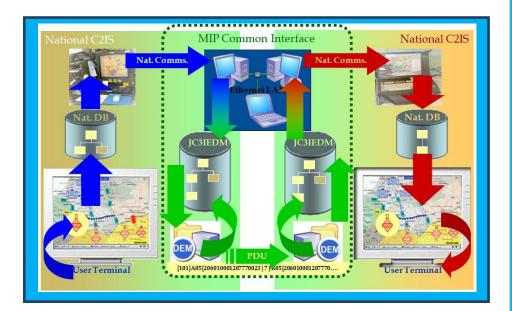
Multilateral Interoperability Programme

One of the prerequisites for the deployment of GFTCCIS in a multinational environment is the ensurance of the ability to exchange information and the provision of services, which is generally referred to as interoperability. Currently, NATO focuses on Multilateral Interoperability Program (MIP).

The basis for the implementation of the MIP specification was the processing of the analysis and the subsequent design of the implementation of the MIP block 3.1 not only from the point of view of the application software, but also from the point of view of platform implementation, security, communications, etc.

[OPERATION]

The actual implementation of MIP block 3 in C2 system was launched in 2007. During the years 2008 to 2010, many tests were carried out. Internet tests against the MIP Test Test System (MTR) and bilateral tests with other nations and their systems have been conducted. Tests were also conducted in Combined Endeavor, Combined Warior Interoperability Exercise (CWIX) and CIAV in Amersfoort.

During all these tests, it has been proven that the implemented MIP solution has the required capabilities and features. The system is rated as very stable and interoperable with other C2IS.

FEATURES AND BENEFITS

➢ **The MIP is implemented according to the specifications for MIP Block 3.1.**

➢ **Includes DEM mechanism (Data Exchange Model).**

➢ **Includes the Message Exchange Model (MEM) mechanism, which uses the MS Exchange mail server.**

➢ **The whole system is developed in MS .NET Framework 4.5.**

➢ **You can create any battlefield object using system applications and knowledge of the JC3IEDM model and MIP rules for working with model objects.**

➢ **For common users, the user-defined application system allows work with schedules and orders, organizational structures, people, resources, devices, events and tasks, drawing, and other features that the JC3IEDM and MIP specifications assume.**

➢ **Verified on exercises.**