EVALINK16 is a software application developed for the evaluation of the performance of Link 16 Platforms. EVALINK16 has been designed to cover all the necessary Link16 tests that a Link16 Platform has to go through in order to get full Link16 interoperability in tactical operations according to STANAG-5516.

EVALINK16 is a very useful tool during Platform development, integration and operation life cycle, since EVALINK16 allows Platform users or integrators to depurate any Link 16 message flow error or deficiency in the Platform performance.

The target of the EVALINK16 tool is to support MIDS-LVT users during the following stages:

- Development and integration into new Link16 systems
- Performance evaluation of the current Link 16 Platforms in tactical operations
- Interoperability verification between Link 16 Platforms
### Main

**Display information**
- Tactical information over a GIS (Participants, tracks, EW info, Emergency points...)
- Own platform info (TN, type, position...)
- Terminal status
- Network entry status
- Navigation
- Database with all the tactical info

**Generation of any tactical element in the display system (Participants, tracks, EW info, Emergency points...)**

**Implementation of the full Link 16 messages catalogue according to STANAG- 5516**

**Transmission and reception of any j-series message**

**Application of the Transmission/ reception rules**
- Implementation of all Link 16 platform functionalities
- Surveillance function
- Tracks management
- Electronic Wareface
- Weapons Management and coordination
- Aircraft control

**Link16 Network entry process**

**MIDS LVT management**
- Connection status
- Modification of the initialization parameters
- Monitoring terminal BIT status

**Navigation management**

**MIDS LVT complete initialization**
- Load capability of NETMAN network design and *.idl files

**Recording of test performed in an EXCEL file**

**HTML help**

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**Possible**

![Diagram](image-url)