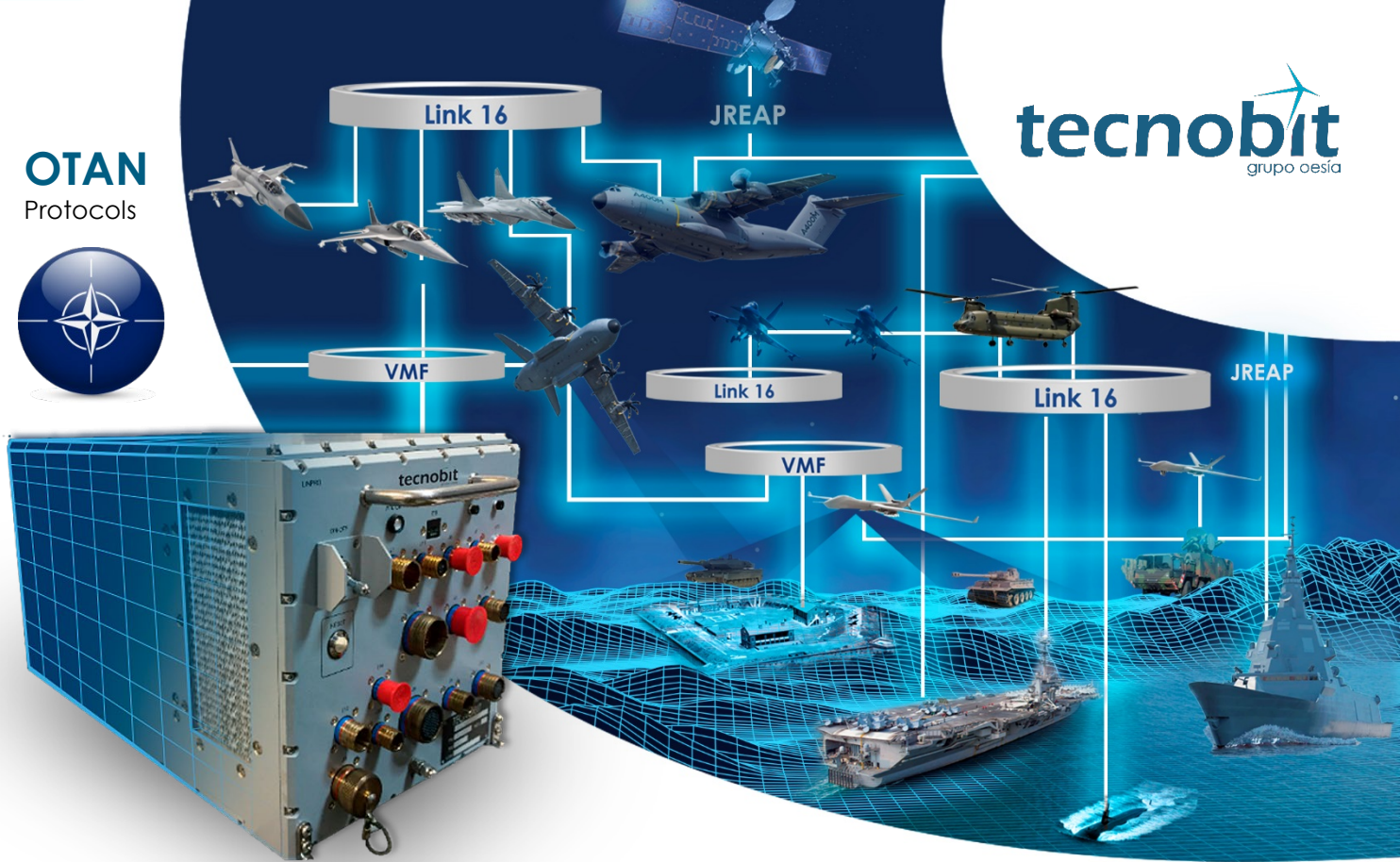


**OTAN**  
Protocols



**tecnobit**  
grupo oesía



 **Tactical Communications** > Tactical Data Links

## Advanced NATO Multi-Tactical Data Link Processor for a variety of platforms

*Tactical data link processor for naval, air and land platforms, processing NATO standardised Link-11, Link-22, Link-16, JREAP-C, and VMF protocols, and forwarding capability among them.*

### Key Advantages:

**With simultaneous Multi-Data Link processing and Dataforwarding capability among different data links**

**Mature Product and widely deployed nationally and internationally**  
(Many CMS integrated)

**With Different Operating Modes adapted to the functional needs of each CMS**  
(Efficient CMS Integrations)

**With specific LINPRO User Interface (HMI), and with TDL monitoring tools.**

**Management and integration of a wide variety of communications terminals and versions**

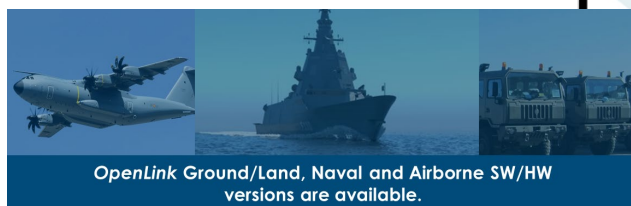
**With a Community of Users who share needs and uses of the LINPRO product, for its evolution.**

## Main Technical specifications :

- LINPRO system **has several implementation modes (SW/HW)**, with LINPRO SW versions on a variety of HW COTS or MOTS (standard HW COTS or tailored to customer requirements).
- LINPRO **implements the latest versions** of Link-11 A/B, Link-16, Link-22, JREAPC, VMF (in progress), and SIMPLE protocols.
- LINPRO has **Data Forwarding capability** between the different protocols, and **Concurrent operations**.
- LINPRO has **two alternative operating modes** called FULL PROCESSING MODE (ON/OFF), in which it assumes or delegates certain defined tactical processes to the CMS, depending on the needs of the CMS.
- LINPRO **has its own HMI** (Human Machine Interface) for the configuration and monitoring of LINPRO, and the management and integration of terminals, and the initialization and monitoring of tactical networks.
- LINPRO **integrates and manages DTS, MIDS, SNC, SPC, and VMF** modem terminals.
- LINPRO **allows the network initialization** of Link-16, Link-22 and JREAP-C network designs, through its HMI, and certain design parameter changes.



**Protocolos  
Estandarizados  
OTAN**



OpenLink Ground/Land, Naval and Airborne SW/HW versions are available.

## Specifications:

PARAMETERS	DESCRIPTION
Data Links Protocols and Standards	Link-11 A/B (STANAG 5511), Link-16 (STANAG 5516 /ATDLP-5.16), Link-22 (STANAG 5522 /ATDLP ATDLP-5.22), JREAPC (STANAG 5518) (MIL-STD-3011C), VMF (MIL-STD-6017, MIL-STD-2045-47001, MIL-STD-188-220, en progreso), SIMPLE (STANAG 5602).  Data Forwarding y Concurrency (STANAG 5616 /ATDLP ATDLP-5.16).
Terminal/Network Integration and Management	For Link-11: Integrates DTS of DRS and ELBIT (DTS configuration and control from LINPRO HMI).  For Link-16: Integrates MIDS LVT 1 and LVT 2 families Terminals. BU1 and BU2. Platforms A, B and Q through 1553B and D, J, R and S through Ethernet are integrated. Also Discrete signals integrated.  For Link-22: SNMU, Alternate SNMU, NMU, alternate NMU and Nile Unit roles are supported. LINPRO can participate in up to 4 Networks. Fully compatible with all the different Link-22 Modems (SPC) available in the market. SNC integration with BCR 7 (SNC 10.0), BCR 8 (SNC 10.1) and BCR 9 (SNC 10.2) are already supported.  For JREAP-C: :Up to 16 Concurrent JREAP-C Links. Data Routing JREAPC-JREAPC. JREAP Links: UDP Unicast, TCP-Server, TCP-Client, MULTICAST. Time Synchronization: Fixed Delay, Round Trip and UTC.  Network Initialization (with JNL, NETMAN and IDL), configuration and management of the MIDS terminal from LINPRO HMI.  Several different Link-16 Adaptable parameters can be modified from LINPRO HMI. Link-16 Time slot assignment, usage and Time Slot Reallocation is supported.



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