

Protocolos
Nacionales
No-Otan



tecnobit
grupo oesia

 **Comunicaciones Tácticas** > Tactical Data Links

Openlink TDL System, for National Tactical Data Link Networks

Openlink is a TECNOBIT's Tactical Data Link complete System and Processor, with proprietary Tecnobit Tactical Data Link protocol (Openlink), ITAR free and specifically designed for supporting National Data Links.

Key Advantages:

Openlink protocol is designed with the tecnobit expertise and knowledge in TDLs

Openlink Data Model and Functional areas, equivalent and compatible to conventional NATO TDLs

Modular Integration with existing Command Management Systems (CSM) and National Cypher (Modular and Adaptable)

OpenLink does not contain NATO Data Link Protocols and/or related GFEs. (Unrestricted Exportability)

OpenLink could be easily extended to support dataforwarding with TDL NATO protocols, if required. (Scalability)

Ready to use in standalone mode in platforms in which an upgrade of the CMS is not required. (Coexistence with Legacy Systems)

Main Technical specifications :

- OpenLink Ground/Land, Naval and Airborne SW/HW versions are available.
- Hardware equipment based on Customer's requirements.
- OpenLink combines TECNOBIT's Tactical Data Link protocol and Rockwell Collins' SubNet Relay (SNR) (other SNR equivalent systems implementations are available).
- OpenLink is compatible with standard IP cryptos and conventional HF/UHF radios.
- National crypto devices and other related GFE could be integrated within this solution.
- Can dataforwarding with NATO TDL protocols like Link-22 and Link-16.
- OpenLink processor is compatible and can be integrated with other TDL solutions, such as TECNOBIT's tactical CMS (Command Management System) console, VITAL. Compound a complete TDL System TDL (CMS VITAL + OpenLink DLP + Network Manager/Modems + Radios)
- Coexistence with Legacy Systems: Ready to use in standalone mode in platforms in which an upgrade of the CMS is not feasible. Different integration modes available.



TDL Specifications:

PARAMETERS	DESCRIPTION
Main Tactical Data Links Capabilities (Functional Areas)	<ul style="list-style-type: none"> • Participant Localization and Identification (PLI). • Surveillance information exchange. • Anti-Submarine Warfare (ASW). • Electronic Warfare (EW). • Tracks/Points Amplification Data. • Data Filtering. • Tracks Management and Weapons Coordination. • Control operations (commands, engagements coordination and status, etc.). • Receipt/Compliance Procedures: Force orders management. • System and Platform Status. • Addressing. • Threats alerts. • Manual / automatic contacts correlation
Openlink CMS Console (VITAL)	<ul style="list-style-type: none"> • VITAL console uses and integrated Luciad Lightspeed as GIS engine. <u>Luciad</u> is a COTS GIS engine focuses uniquely on the domains of Defense, Security and Aviation, for situational awareness in these domains. • VITAL can integrate platform sensors.



Headquarters:

Calle Marie Curie 19, 4ª planta
28521 Rivas-Yaciamadrid (Madrid), Spain
Telephone: +34 916 617 161 Fax: +34 916 619 840

Factory:

Calle Fudre, 18
13300 Valdepeñas (Ciudad Real), Spain
Telephone: +34 926 347 830 Fax: +34 926 312 896

grupooesia.com

tecnobit.es

producto@oesia.com