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Mil-DLP

Multi Data Link Processor

MilSOFT Multi Data Link Processor (MilDLP-C2) provides the air, surface, subsurface and land platforms with the capability to exchange tactical information among each other via tactical data links, which are the main enablers of the network centric capability, in accordance with the NATO standards.



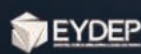
Functions

- Link 11/16/22/M multi data link processing
- Supports all tactical data link functional areas
- Data forwarding among tactical data links
- Local-remote, remote-remote and target-track correlation
- Link communications equipment initialization, control and monitoring
- Link networks initialization and monitoring
- Link 22 network management (all NMU and SNMU functionalities)
- Common track number management· Platform Control
- Data filtering with a rich set of parameters
- Digital image exchange in STANAG 4545 format
- File and image transfer over Link 16
- Data record, replay and online/offline analysis capability



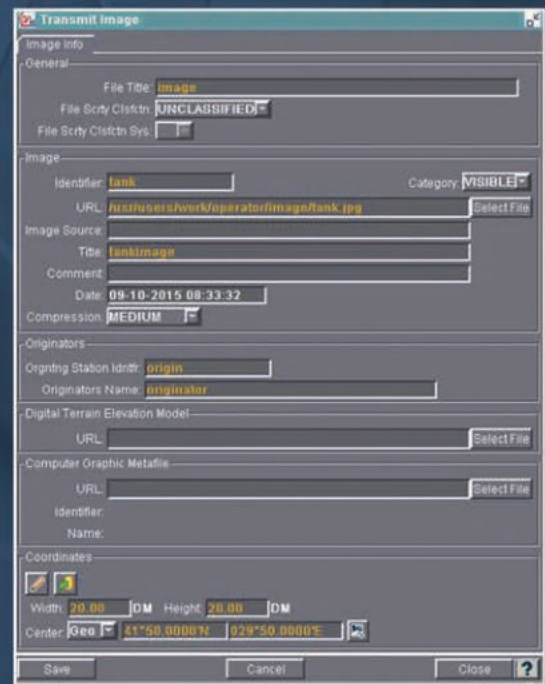
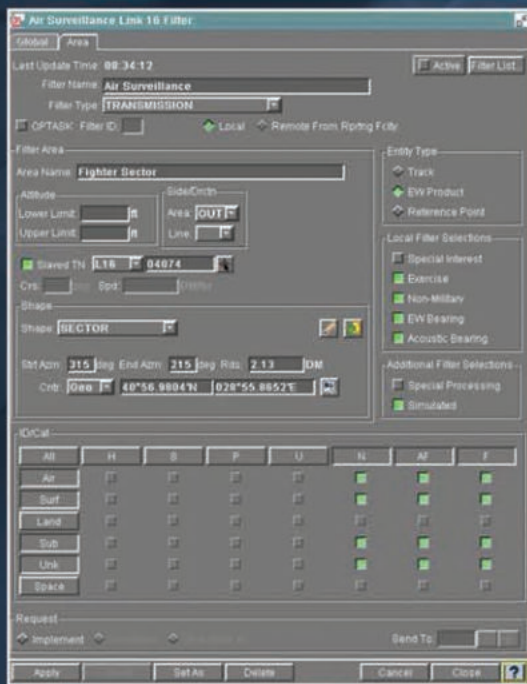
BIT Results			
MT	WFS	Track 1	Track 2
TDM BA	TDM R/CP	TDM PL	TDM T/CP
REP BA	External MPU	Channel	IPS
PA	SECURITY	W/162	W/224
SECURITY	SNMP	CP/Link-11	TR/Link-11
PLC PL	CP/PLC	W/Link-16	W/Link-16
SNMP	IPS	Tower	BDU/Map
SNMP	PA/Link-16	PA/Link-16	PA/Link-16
W/16	W/22	W/162	W/224
W/162	W/162	W/162	W/162
W/22	W/22	W/22	W/22
W/162	W/162	W/162	W/162
W/22	W/22	W/22	W/22

Technology Center



Technical Features

- Link interfaces: Link 11, Link 16, Link 22, Link M, JREAP A/B/C, SIMPLE
- MIDS LVT interfaces: Platform A ve B (Mil-STD-1553B), Platform D, J ve R (Ethernet)
- Operating systems: SOLARIS, Linux, Windows
- Expandable, scalable and modular OACE compliant architecture
- Able to run on COTS HW
- Communicates with the command and control systems using link independent normalized messages which cover data elements of all tactical data links
- Stand-alone operation capability with its own integrated link console application
- GPS integration
- Maximized data consistency and interoperability among tactical data links by inter-link data management
- Prevention of data loops
- Suitable for various integration models
- High data processing capability (32 link connections and 10.000+ entities simultaneously)



Why ?

- Supporting multi-link operations by resolving multi-link problems (e.g. data looping or data duplications), rich message catalogue and data forwarding assures interoperability to the maximum extend
- Operationally proven and mature systems being used at national and NATO operations.
- Deployable to subsurface, surface, air and land platforms.
- Single link, concurrent and data forwarding modes, rich functionality and interfaces addresses all the tactical data link needs.
- Open architecture allows adding new capabilities with minimum risk, schedule and cost.
- Provides a cost effective solution for both newly developed and modernized platforms with its platform, HW and OS independency and being suitable for different integration models

