THALES

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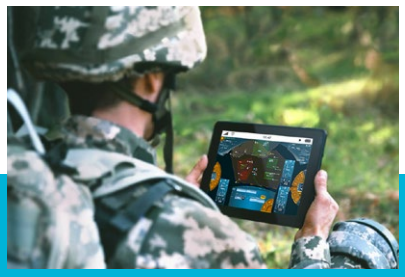
BRINGING SMARTPHONE USER EXPERIENCE TO TACTICAL DATA LINK USERS

- First TDL viewer featuring iOS™/Android™ UI design
- Perfectly suited to standalone usage: Aircraft or ship retrofit, UAV station, FAC…
- Multi-link capable (L16, L22, JRE, VMF…)
- Essential surveillance C2 functions

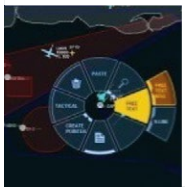
TOPLINK



RADIOCOMMUNICATION PRODUCTS AND SOLUTIONS

TopLink-Sandy

Tactical Data Link Situational Awareness



RADIOCOMMUNICATION PRODUCTS AND SOLUTIONS

TopLink-Sandy

Tactical data link situational awareness

In modern conflicts, and in coalition operations in particular, the ability to share tactical data with allied units has become an absolute necessity. But helicopters, lighter mission aircraft and special forces units virtually never have access to tactical data links because the systems in service today have tended to be too big, too heavy and too expensive.

RIGHT-SIZING THE RESPONSE FOR FORCES IN THE FIELD

What was needed was a simple way to provide basic functions like displaying a map of the tactical situation or sending tactical messages. The new TopLink-Sandy solution is just that — an innovative human-system interface that's easy to use and affordable.
TopLink-Sandy runs on a ruggedised tablet connected to the modems and radios that provide access to tactical data links. It is specially designed for the cramped conditions of a light mission aircraft cockpit, helicopter or any other SWaP-constrained environment like a mobile command post or a vehicle used by special forces units. The system can also be installed on a PC in a UAV ground control station, for example, bringing unmanned aircraft pilots access to the tactical data they need to accomplish their missions safely and effectively.

OPERATIONAL BENEFITS APLENTY

Designed to meet the day-to-day needs of units in the field, TopLink-Sandy uses a highly intuitive tactical interface, which offers significant operational benefits.
On a close air support operation, for example, troops on the ground can use TopLink-Sandy to locate aircraft and send information by simply tapping the screen, instantaneously completing a task that could take several minutes with conventional voice communications over a radio link.
On vessels at sea, SANDY provides easy access to a tactical data link capability without having to modify the naval combat system, which can be a long, slow and costly process because these systems are so complex.
Another important advantage is that SANDY does not need to communicate across the same network as the combat system, so it could be used to transmit sensitive data (NATO restricted, for example) even if the vessel's other networks do not have the requisite security clearances.

Main Features

Links supported:
- Link 16
- Link 22
- Link 11
- JREAP-C
- VMF
- National Tactical Data Links (upon request)

Situation Awareness Features
- Real-time surveillance information
- Management of areas and reference points

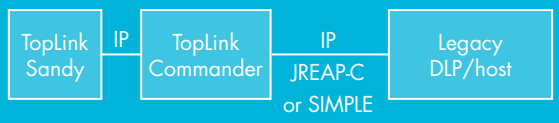
C2
- Creation of pointers
- Creation of free-text and 9-line messages
- Processing and acknowledge of command orders

Computer requirements:
- Intel™/Windows™
- Minimum performance:
  - Intel Core i7 1.7 GHz,
  - 8 Gb RAM,
  - 128 Gb storage,
  - Ethernet Gigabit

Integration:
- Standalone configuration

Note: The data link processor TopLink-Commander can be hosted by the TopLink-Sandy computer

- Add-on to legacy host



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