



Tactix



Tactical Mission System for Net-Centric Operations

Tactical mission system for airborne application, providing full situational awareness and combined presentation of route, threats, avoidance zone, targets, terrain related information and full airborne tactical view of the combat arena, based on own ship sensors and data-linked information. Tactix is a flexible and growing solution – from a basic system for a single pilot operation, and up to a full multiple crew workstations, networked together to form an effective in flight mission and information system at the fingertips of the crew performing the mission.

Tactix® is a mission specific system that may reside side by side with the avionics, or add modern mission related capabilities to an existing aircraft, without touching the onboard primary flight instruments. The main focus of Tactix® is on navigation and situational awareness presentation to the crew, taking full advantage of a modern 2D/3D digital map, onboard sensors and data-linked sensor data from other allied airborne platforms in the arena, forming a powerful virtual system that takes full benefit of the information and video flow from all sensors and systems connected to the same instantaneous airborne network.

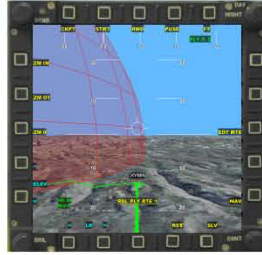
Linked to other allied flying platforms, Tactix® provides a flexible, ad-hoc instantaneous airborne network, allowing all Tactix® network members to exchange tactical information and live video streaming forming a powerful mission support system.

Tactix® is specially designed to operate onboard helicopters, transporters and tactical aircraft fleet, exchanging information via the onboard data-link system with other formation aircraft as well as with operations center on the ground or any allied ground forces participating in the mission.

Tactix® is provided in several levels:

- Tactix® Basic – The basic tactical system of the system for a single user
- Tactix® Duo/Treo – Expanding Tactix to support an onboard network of 2-3 crew members, operating the system simultaneously and sharing video/data
- Tactix® T-Connect option – A powerful datalink gateway allowing the onboard network to share video/data with other allied airborne or ground systems
- Tactix® Flex – adding onboard flexibility and redundancy, allowing each crew member to view other's display (mirror function) or taking control of any other computer, as a backup.

The above Tactix® configurations allows a modular tailoring of the system to your specific operational requirements and the target airborne platform. Full flexibility is supported,



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Tactix



Flexible , Net-Centric Mission Solution

Main Features

- 2D/3D Map
- Flight plan, threats & targets overlays
- Highway In The Sky (HITS) corridors
- Live Video Display (FLIR, CCD)
- Navigation
- Sensor (FLIR, CCD) coverage area over the map, real-time updated
- In flight airborne mission editing
- In flight mission rehearsal
- Flight safety-
 - Terrain elevation data and Calculated Ground Proximity Warnings advisory
 - Obstacles alerts
 - Height Above Terrain (HAT) module.
- Data Center – Onboard digitally stored charts, checklists, intelligence information

Data-Link

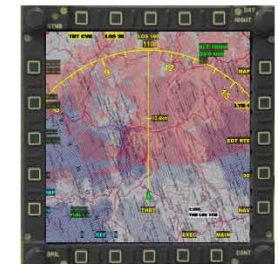
- Wide band supporting multiple video streaming
- Instantaneous, Ad-Hoc Flexible network
- Non Line Of Sight (LOS) solution

3D Options

- 3D synthetic vision
- Terrain related computation
- 3D Overlays
 - Flight Corridors
 - Threats
 - Flight Path
 - targets



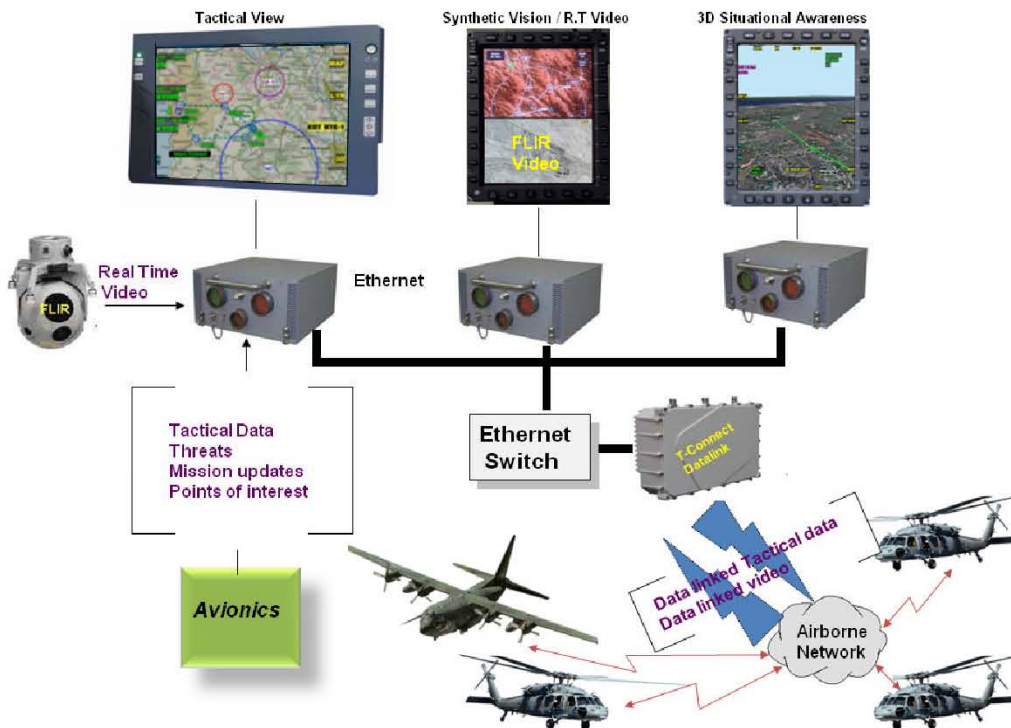
TSD mode



LOS coverage



3D view mode



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