



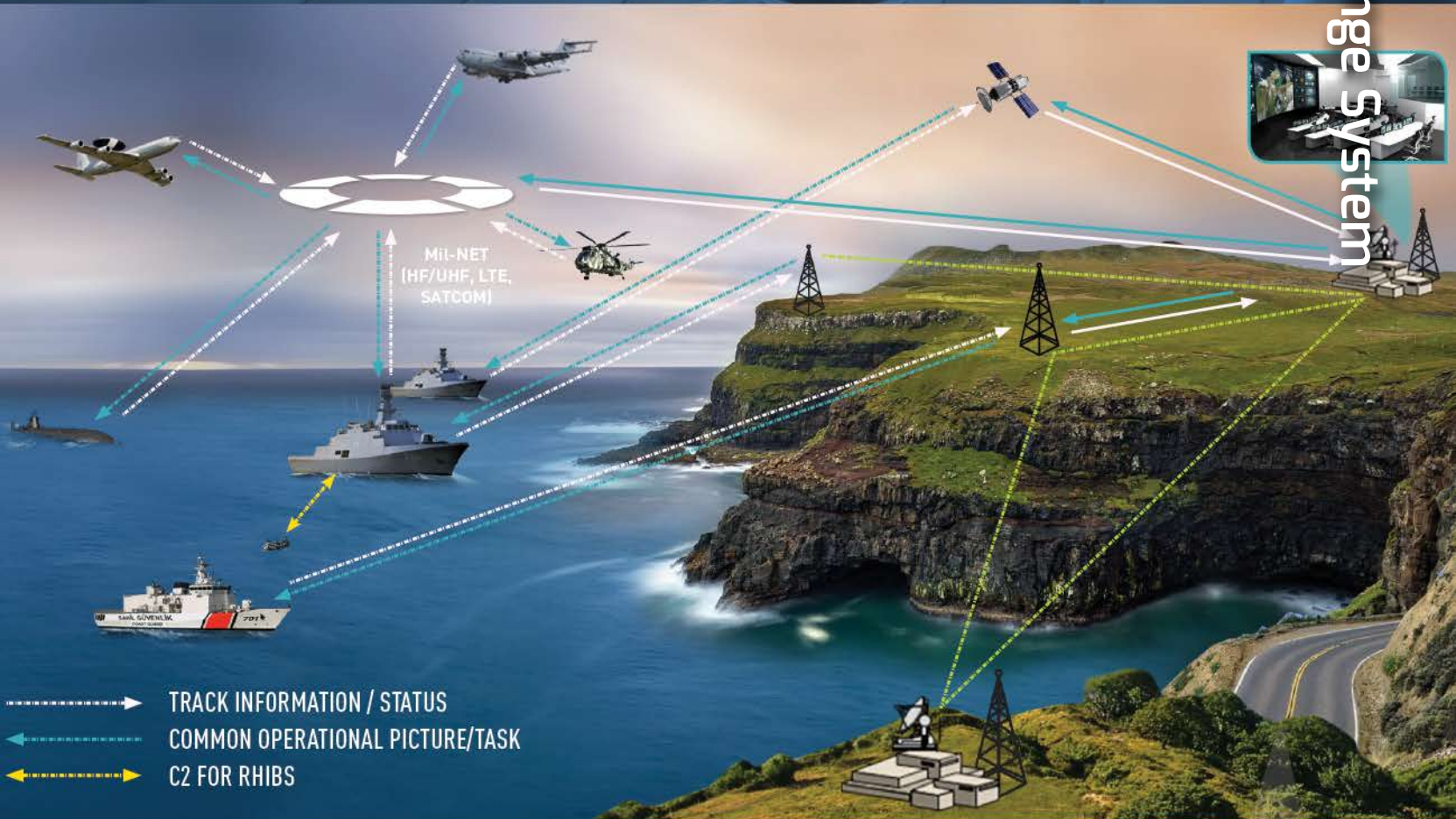
www.milsoft.com.tr

NIXS

Naval Information Exchange System

New threats and tasks like search and rescue, coastal surveillance, protection of vital assets in national waters, anti-piracy, interdiction, covert operations in maritime domain require Coordinated Maritime Operations in the maritime domain.

MilSOFT's fielded and cost effective solution "NIXS" provides Situational Awareness to Command Centers and Surface/Air/Subsurface Platforms.



Technology Center

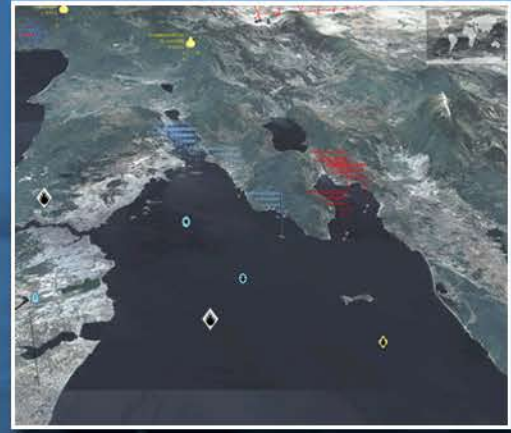
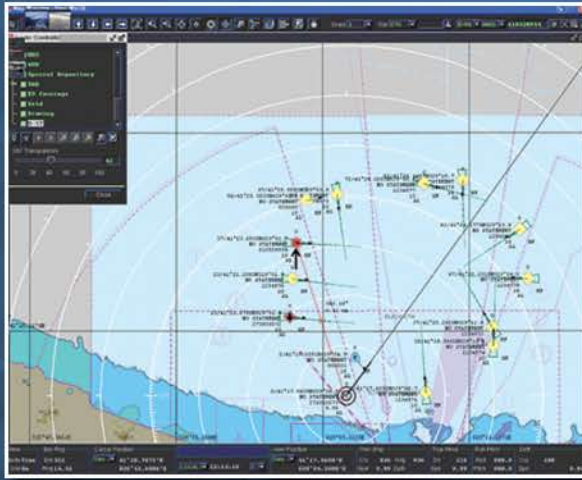


CMMIDEV/5SM
Exp. 2019-12-09 / Appraisal #27782



Basic Features

- Navigation Radar, GPS, AIS track information will be captured to form Local Tactical Picture at Platforms (Ship/Boats/Air)
- The information gathered by Platforms will be sent to Ground Operation Centers (GOC) where it is filtered, fused, correlated, and processed to create Common Operational Picture (COP)
- The developed COP will be available to all contributing platforms for situational awareness
- 2D and 3D visualization of COP in multiple perspectives will be provided at GOCs.
- The developed COP will be available as a Web-COP with controlled access to all levels (Unit, Tactical, Operational, Joint, and Strategic)
- At all contributing platforms, the developed COP will be displayed concurrently with real time picture as separate layers
- Tactical evaluation will be performed, and Tasking Orders will be produced at GOCs
- Platforms will be able to send responses to tasking orders
- GOCs will have capability to monitor the executed operations in the region
- GOC will have capability to collect platform status information (weapon and sensor status) to create fleet readiness status
- E-mail, text and video chat, file transfer, and Web portals capabilities will be provided for the users by means of COTS SW solutions
- RHIB boats will be positively controlled from their Ships/Boats
- All units will work in coordination to perform coordinated maritime operations
- Platforms will create Mission Reports and share with Commanding Units



Communication Infrastructure

- Mil-NET Network Manager with existing HF and V/UHF Radio(s)
- Wideband IP Radio(s)
- Satellite Terminals
- Combination of Alternatives (Hybrid Solution)

Why ?

- Easy to use and deployable in a very short time for all Small/Large Platforms
- Cost effective solution to use for Situational Awareness by the Command Centers and Surface/Air/Subsurface Platforms
- Monitoring the Status information of the Platforms via Fleet Management Capability
- Full Integration of Sensors and Systems

