



CASPER

BATTLESPACE AWARENESS

LOCKHEED MARTIN
We never forget who we're working for®



CASPER

Battlespace Awareness

COUNTER ISR

Our adversaries are tracking our every move, getting them closer to interrupt vital missions and ultimately deny access with deadly results. Their arsenal of ISR platforms includes HF antennas, Over The Horizon Radars, UAVs, Ships, and increasingly commercial and State Owned Satellites. With CASPER, Commanders can quickly visualize different ISR collection platforms, targets, tracks and execute analytics to minimize exposure or deploy advanced deception techniques to maximize maneuverability of fleet resources.

INFORMATION DOMINANCE: Who can see me? When? What can I do about it?

CASPER provides Commanders with a real-time, “onboard” Net-ready intelligence capability that integrates commercial and adversaries ISR systems; thus allowing for planning around current and projected exposure of friendly deployed assets by specific adversary platforms. The system empowers Commanders to minimize exposure, shape the battlespace, and disrupt adversary “kill chains” in Anti-Access/Area Denial (A2AD) environments. CASPER provides a lightweight mission application that will answer key questions, what friendly platforms are detected? What subsystems are exposed? When? What can I do about it?

- Real-time, integrated 4D situational awareness of “RED” ISR exposure (visualizing GEOINT Collection Quality, SIGINT Detection Sensitivity)
- Advanced and Contingency Planning of tracks, maneuvers and configuration settings
- On-demand decision support and what-if analysis to minimize exposure
- Customizable Counter ISR Daily Report
- Forensic reconstruction, playback and analysis management, commanding, and analysis.

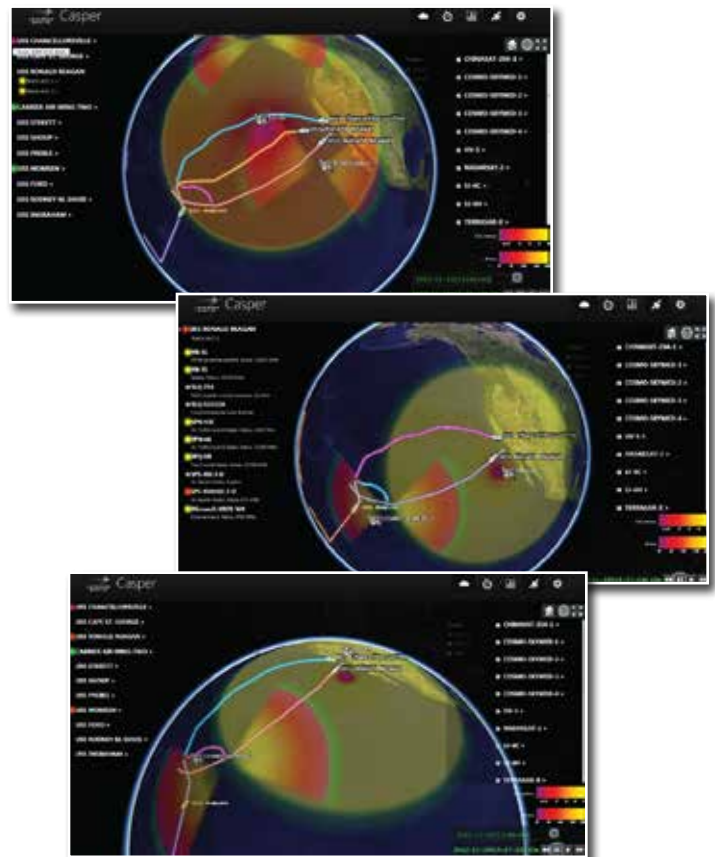
METEOROLOGICAL AND OCEANOGRAPHIC (METOC)

CASPER advanced tracking technology can be augmented with Meteorological and Oceanographic data in order to seamlessly integrate ISR, weather, and Information Operations data in one simple application with real time reporting capability.

Casper can provide a decisive competitive advantage to the Navy Mission

A user experience governed by intuitive, highly interactive displays capitalizing on open source capabilities and data standards to offer:

- User selectable, extendable target/sensors and corresponding tracks – extendable to Space, Air, Maritime and Ground
- Target drill-down subsystem configuration insight and adjustments
- Target exposure and detection by selected sensors including color coded degree of exposure
- Detected frequencies and associated what-if analysis to tune subsystems with instantaneous feedback
- Tip/Cue NTM Assets for configuration validation and exercise support



For more information about CASPER, please contact:
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