

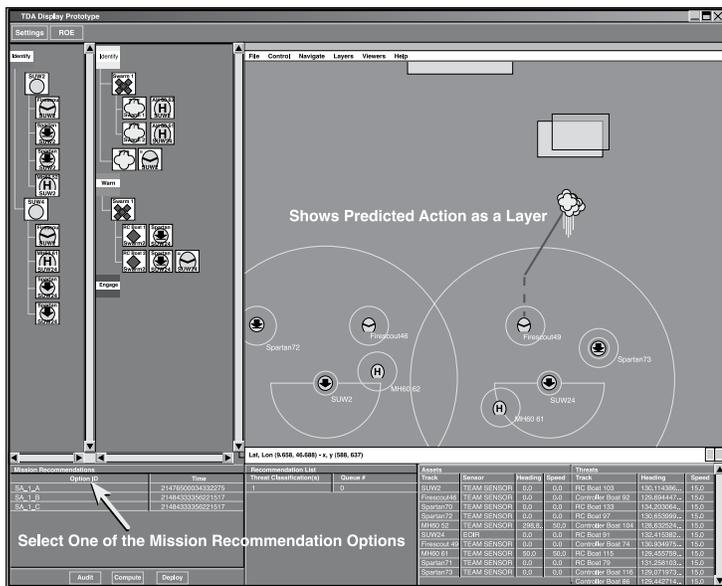


# C2 TACAID

## Network-Centric Tactical Decision System

In this 21st Century, the Navy is placing renewed emphasis on the challenges of force protection, littoral warfare, and asymmetric threats. Strategies to meet these challenges include increasing the use of standoff systems for identification, warning, and engagement missions; designing surface combatants particularly suited for operations in the littorals; developing unmanned vehicles, their concepts of operation, and the information systems to support them; and transitioning from platform-centric to network-centric warfare.





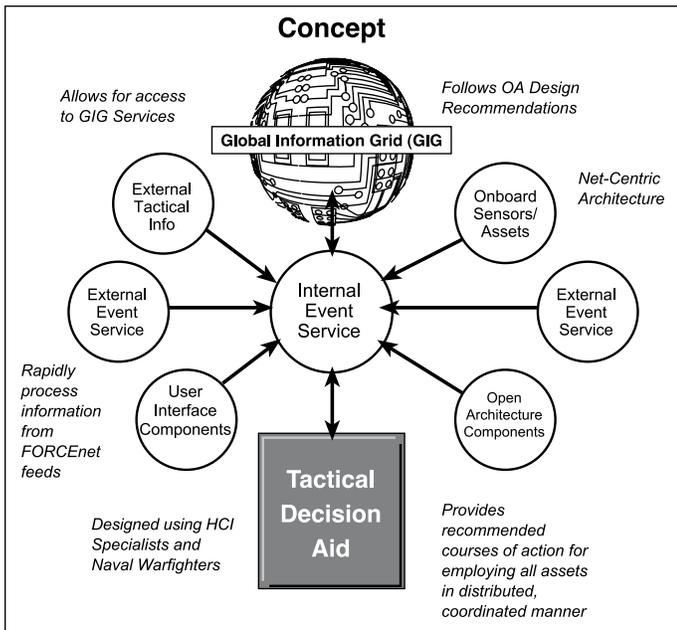
Network-Centric Tactical Decision System (Screen Shot)

**Objectives**

- To define a Battle Force Command and Control Tactical Decision Aid (TACAID) System focusing on giving a squadron-level Tactical Action Officer (TAO) the ability to counter threats through an open, component-based architecture. TACAID accomplishes this by presenting the TAO with an advanced Tactical Decision Aid (TDA) to assist the TAO in managing assets in a more coordinated, distributed manner through a network-centric warfare paradigm.
- To have the ability to gather metrics and inject scenarios. This allows TACAID to be utilized for training, as an experimentation station, and to build consistently more complex and accurate algorithms that generate the recommendations to the warfighter.

**Requirement**

- Today's commanders have to process vast amounts of data and manage large numbers of assets to make coordinated, force-level tactical decisions. There is a requirement to provide the right information to the commander in a readily consumable and timely format to counter the threat.



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In World War II, Gen. Patton had 300 pieces of information a day to deal with on the battlefield; today's OIF Commanders deal with over 600,000 pieces of information a day.

– MGen. Bradley M. Lott (USMC)

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