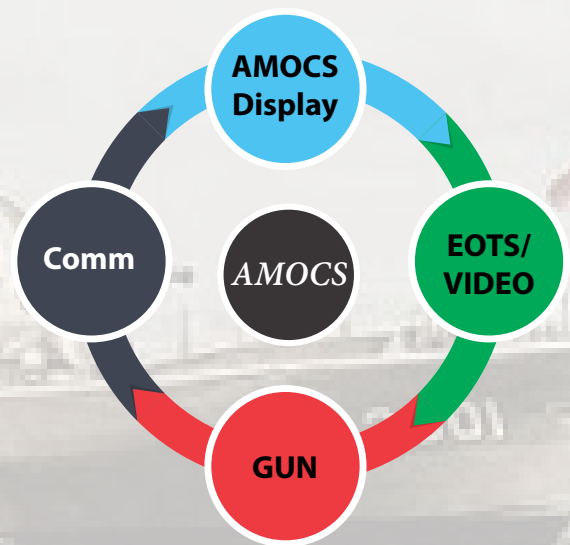**SCS**

AMOCS COMBAT MANAGEMENT SYSTEM
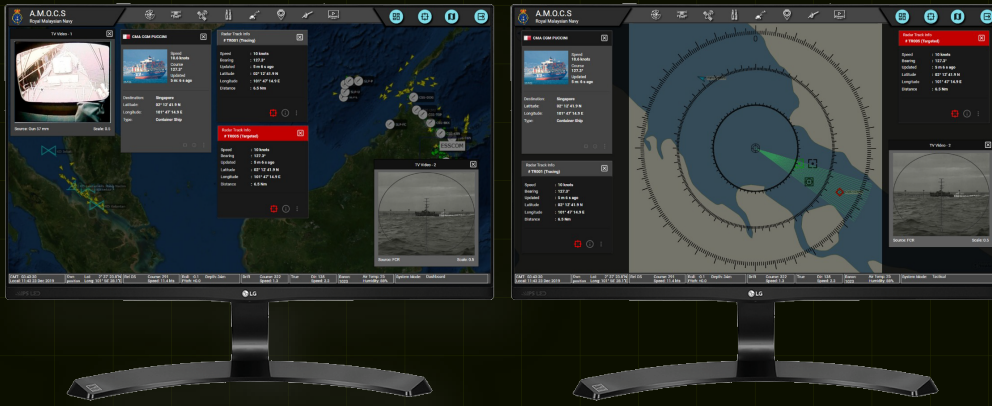
Anti-Surface Warfare (ASuW)

- Used for surface target engagements.

- ASuW database contains information about the surface targets.

- Support ASuW operations through the employment of surveillance systems for target detection and tracking.

- Maintains target track file detected by own ship surveillance systems or reported through the C4ITacX Rev 2.0 - support the use of weapon systems for surface target engagements.

- Detect, identify, recognize and track surface targets, and provide data to the AMOCS CMS track file:

  - Manual Designation
  - Navigation Radar
  - AIS
  - EO FCS
  - C4ITacX Rev 2.0 Link

Anti-Aircraft Warfare (AAW)

- The track database contains information about air targets and its identification.

- AAW targets track file detected by own ship surveillance systems (Radar, AIS, Manual Designation) or reported through the C4ITacX Rev 2.0 Link.

- AAW will establish priorities, select weapons and control/manage the weapon systems.

  - AMOCS Display
  - Comm
  - AMOCS
  - EOTS/VIDEO
  - GUN

Advanced Malaysian Owned Combat Management System (AMOCS) is the system for naval surveillance and defense. It connects naval ship's sensors, weapons, data links, support measures and other equipment to the officers and staff performing the tasks in combat through the cycle of the OODA loop. Typical functions include sensor control, sensor data fusion, threat evaluation, weapons assignment and weapons control. SCS in-house developed CMS is designed to provide reliability and ability to integrate virtually with various on board sensors. It is developed based on our indigenously proven NC2 and C4ITacX engine that have been supplied and in service for many years.

OBSERVE
ORIENTATE
DECIDE
ACTION

- Combined Air and Surface Surveillance (Detection, Tracking, Identification).
- Short and Medium Range Surface Target Engagement.
- Radar and Optronic Fire Control.
- Gunfire Support.
- Recording and Replay of Tactical Data.
- Simulation and Training.