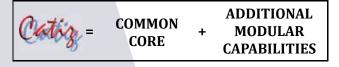
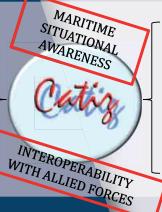


### **CAPABILITIES**

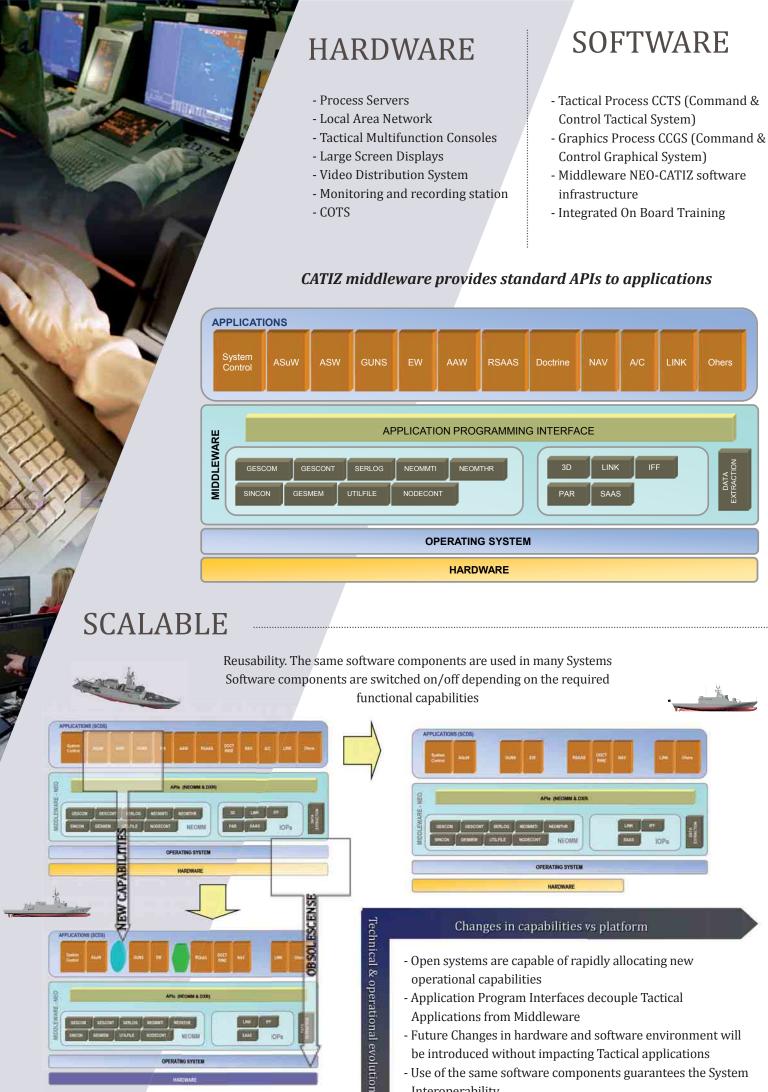
NAVANTIA's CATIZ Combat Management System integrates Sensors and Weapons to provide increased capability to monitor Air, Subsurface, Surface (including Asymmetric Warfare and Naval Gun Fire Support missions) and Electronic Warfare environments, and to engage weapons for neutralizing or destroying the targets in support of the assigned ship missions



- Readiness control and readiness assessment
- Tactical information management
- Sensors management
- Doctrine management
- Navigation aids and tactical navigation
- Multi-mission consoles
- Display support
- Mission evaluation



- Electronic Warfare Management
- Identification and classification
- Threat evaluation, weapon selection & weapon control
- Tactical decision aids
- Air control
- Data recording
- Integrated on-board training



#### Changes in capabilities vs platform

- Open systems are capable of rapidly allocating new operational capabilities
- Application Program Interfaces decouple Tactical Applications from Middleware
- Future Changes in hardware and software environment will be introduced without impacting Tactical applications
- Use of the same software components guarantees the System Interoperability

## FEATURES AND MISSIONS

CATIZ IS
CUSTOMIZABLE
TO THE
CLIENT'S NEEDS

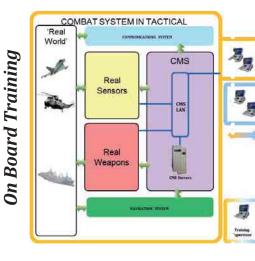
- Adaptable: Open architecture that allows re-configuration to meet customer requirements
- Flexible: Distributed architecture simplifies integration of new sensors, weapons and technologies
- Modular: Able to meet the requirements for a wide range of vessels and modernizations
- Standardization: Using open Standards technologies
- **Scalable:** Capacity to be enhanced and incorporate new capabilities from an initial basic proven design.
- Cost-effective: Design features allow varying levels of complexity and cost.
- COTS with mechanical enclosures, allowing operation within required environmental conditions

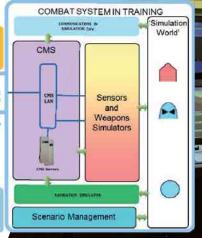


#### **TRAINING**



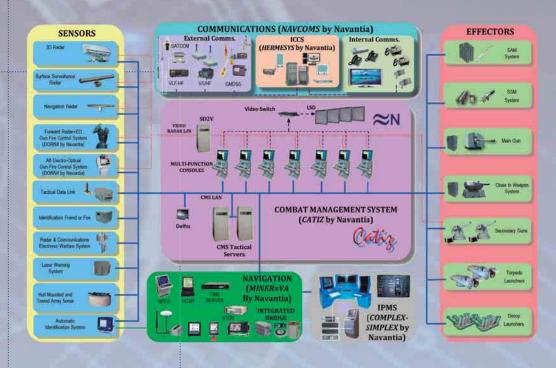
- Readiness
- Tactics
- System manning
- Analysis

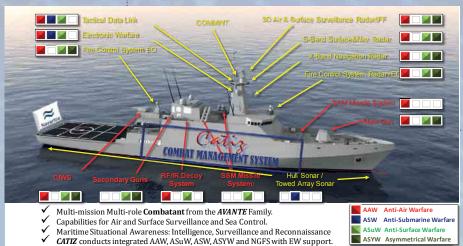




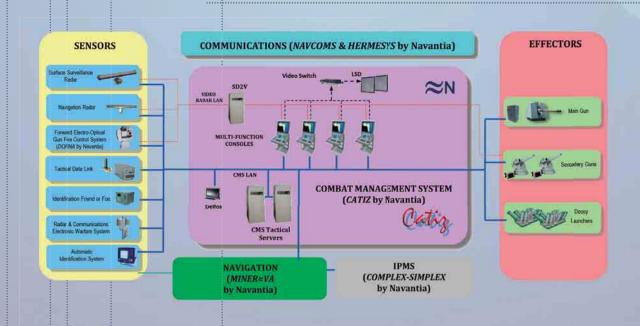


### **COMBATANT EXAMPLE**





# PATROL VESSEL EXAMPLE



## **ABOUT NAVANTIA**

Navantia is a Spanish Government Owned Company and is an Industrial Group with the following Business Lines

Naval shipbuilding and design.

( Systems.

× Ship repairs and conversions.

Diesel engines, gearboxes and power generation.

Through Life Support.

Transfer of Technology solutions

Offshore merchants and wind energy

Command and Control systems
Integrated Platform Management Systems
Surveillance systems
Gun Fire Control Systems
Naval guns
Communications systems
Navigation systems
Simulators and training

More than 20 countries...

...with offices worldwide

# ≈Navantia

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