NAIAD

NAVAL ADVANCED INTEGRATED AUTONOMOUS DEFENCE (NAIAD) SYSTEM IS THE COMMAND AND CONTROL SYSTEM DEVELOPED BY NAVANTIA FOR THE TACTICAL INTEGRATION OF UNMANNED VEHICLES (UXV)

NAIAD is a flexible, open system that can integrate any unmanned vehicle and can also be integrated into any CMS or C2 system for UxVs mission execution.

At the onboard CMS consoles the ship's crew monitor the data and videos received from the UxV integrated by the NAIAD system.

From the CMS consoles the ship's crew can send missions, via the NAIAD system, to the UxVs integrated in the system.

NAIAD
Navantia

The NAIAD system can provide two control stations, one on board the ship and the other in an ashore control centre.

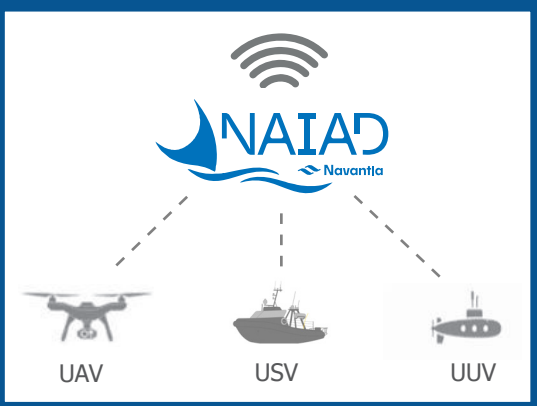
The communication between the two NAIAD systems allows the information from the unmanned vehicles available on board the ship to be transmitted to the ashore control centre.

One UxV can also be used as a relay between the on-board and ashore systems, thereby extending the communication range.

NAIAD has been integrated in the Spanish Navy's CMS "SCOMBA" and tested in a real environment on board the Spanish Navy Offshore Patrol Vessel "Audaz" with various unmanned vehicles, including the Navantia "Viento" family of USVs.

The USV "Vendaval", developed by Navantia for the Ceuta Port Authority to perform surveillance and environmental protection missions, is the first USV of the "Viento" family and the first USV to enter service in Spain.

Naval Advanced Integrated Autonomous Defence (NAIAD) System



www.navantia.es

NAIAD
Navantia