masa sword

AI Powered

SWORD NAVY

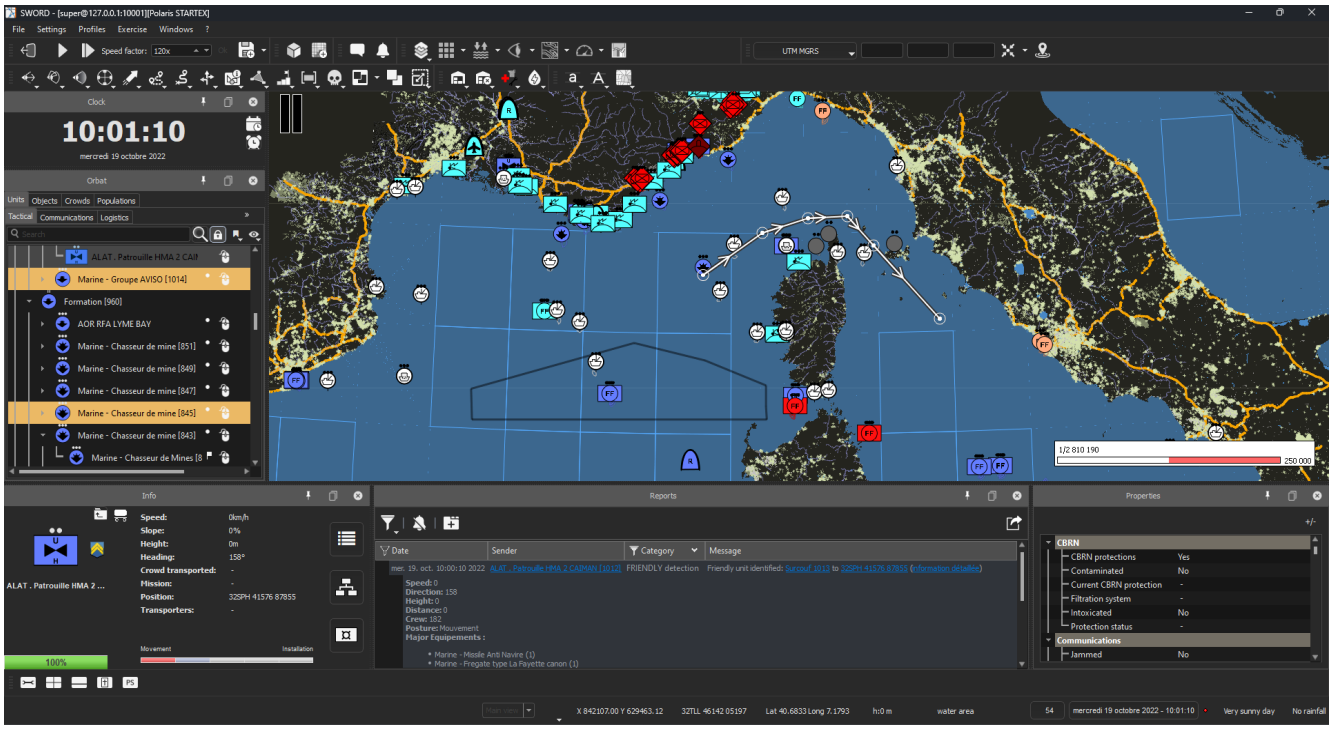
MASA Group is developing a new solution dedicated to naval command post training which will be available as an extension of MASA Sword as well as a standalone product.

The new solution will feature multi-domain warfare models, powered by cutting-edge proprietary AI technology, and will come with a wide range of ready-to-use, air, surface and subsurface equipment, detection devices and weapon systems.

This large content library allows for the preparation and execution of complex naval and Joint Forces scenarios with multiple task-forces, complete with logistics chains, resource networks, military and civilian infrastructure, civilian units.

The new solution inherits all the unique features from MASA Sword that have made it the market leader in constructive simulation with customers in over 25 countries :

- Smart automated units with doctrine-compliant and opportunistic behaviors simulated by DirectAI, MASA Sword's Artificial Intelligence engine;
- Reduced number of system operators due to automation of simulated units;
- Small footprint solution with user-friendly interface for content and scenario creation, exercise management and after-action review.

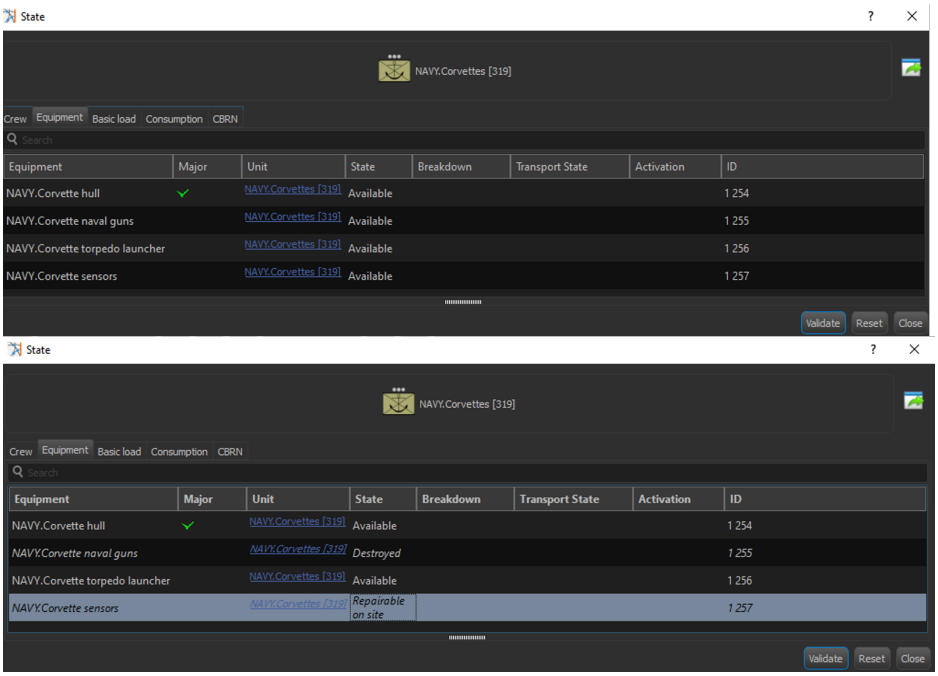


masa sword

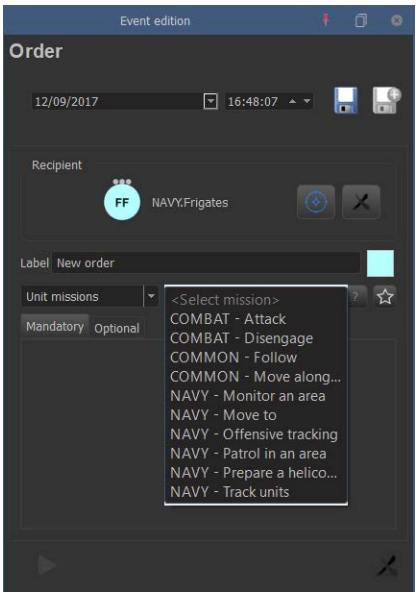
AI Powered

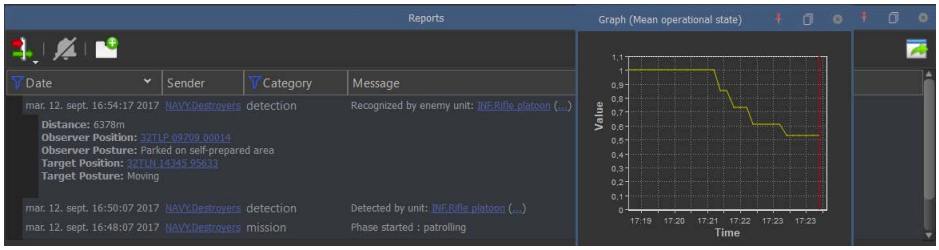
SWORD NAVY

Naval units can represent either single ships or multiple entities, depending on the ship size and level of detail required by the scenario; all major ship systems, including detection and weapon systems, are modeled separately, in order not to jeopardize the overall functioning of the vessel in the event of a breakdown or sustained damage.



Each simulated unit has its own set of tactical missions that can be assigned by an operator or scheduled in the scenario timeline; missions are executed autonomously, with or without the intervention of system operators, according to the customer's military doctrine, taking into account unit and environmental conditions (including sea state), and enemy strength.





Simulated units report mission progress at regular intervals, so that system operators can update the commanding staff.