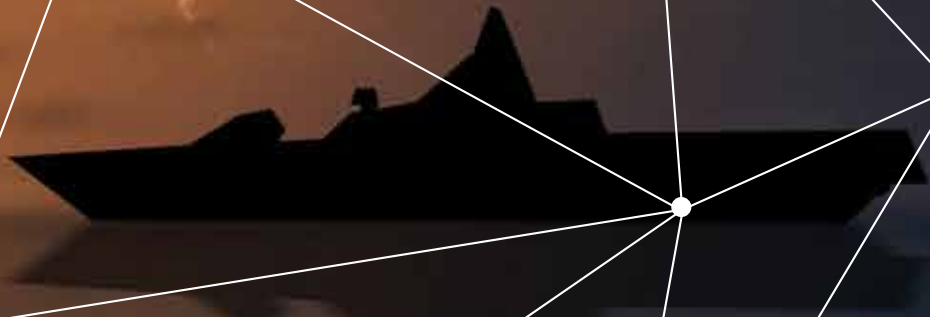




Miraya Insight



GET ACTIONABLE INSIGHTS FROM
LIVE AND RECORDED DATA



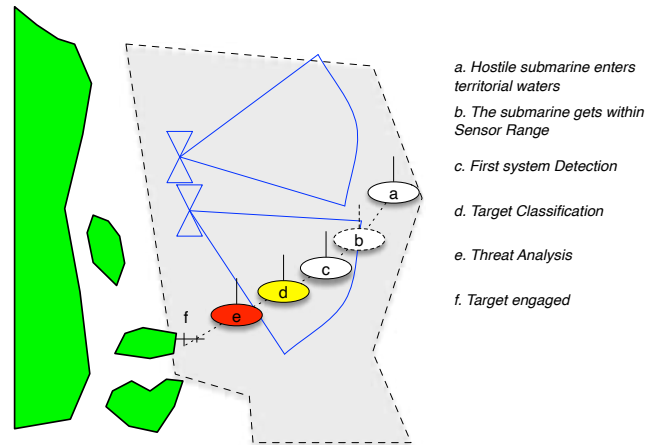
Miraya Insight is designed for operational analysis to support military units and organisations with continuous improvements. By combining data from all available sources, Miraya Insight visualises all data in a combined dashboard including 3D geographical map, analysis charts and tables.

Viewing an operation or exercise from this holistic perspective will give not only an understanding of the events themselves and their outcomes, but of their causes as well. The informed insights will provide both the 'what' and the 'why'.

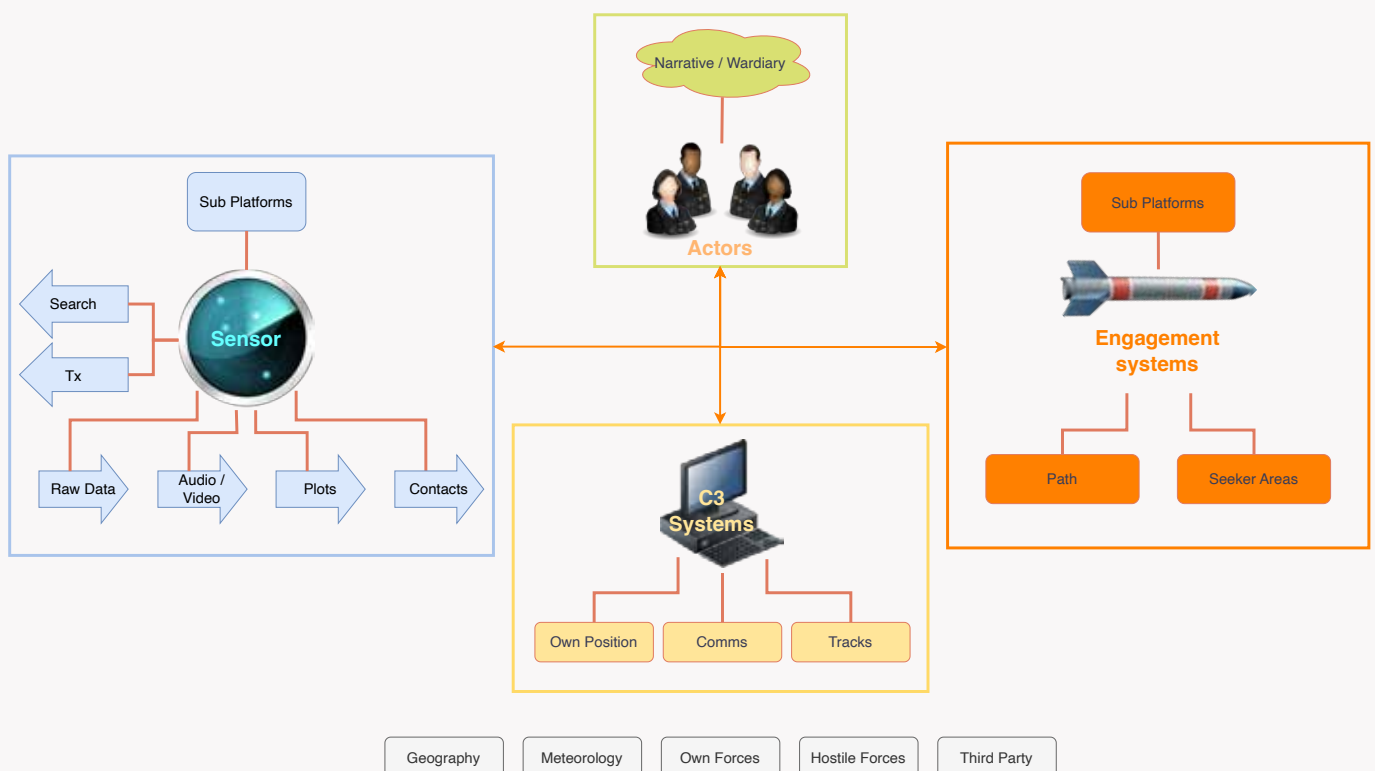
Adopted by the Armed Forces

Miraya Insight users can be found in the navy, the air force, and the army. Analysts and investigators use it to gain deep insights into anti surface warfare, anti subsurface warfare, air to air and ground to air warfare, to name a few areas.

- Analysis to gain insights from live operations – helping to answer questions such as what -actually- happened, why did it happen, and therefore provide lessons learned based on actual facts.
- All Evaluations are based on the OODA loop (Observe, Orient, Decide, Act) – analysing and gaining actionable insights into who did what, when and how.
- System and tactical deficiencies – discovering and identifying the root causes of deficiencies and deviations.



“Miraya Insight is built to handle any type of data”



The process

Collect

Miraya Insight is built for handling any kind of data from assets such as naval ships, submarines, airplanes, land units, command centers, as well as unmanned systems. The data is collected from the sensors onboard, the Combat Management Systems and from the engagement systems.

Parse

Adding new data sources is seamless in Miraya Insight. Insight is from the core built for easily adding any type of new data format.

Store

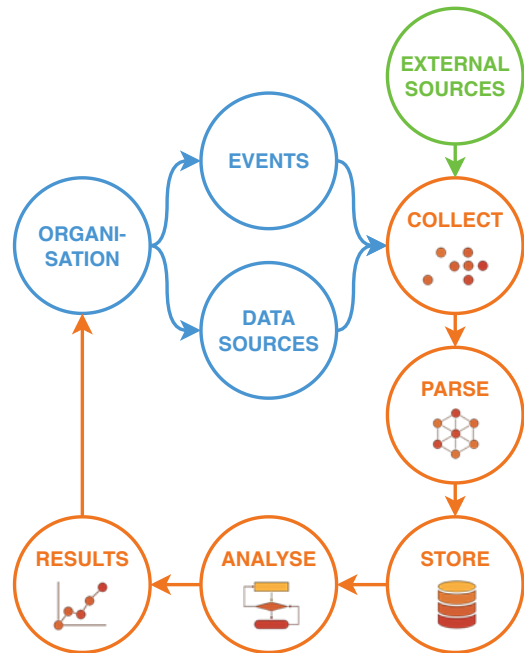
Data from all assets is stored in a unified system and is therefore easily accessible for the analysis. This makes it possible to do comparative analysis between different systems or to create aggregated analysis.

Analyse

By leveraging built-in analysis algorithms and integrating data from multiple sources, discernible patterns and trends emerge, leading to actionable insights.

Results

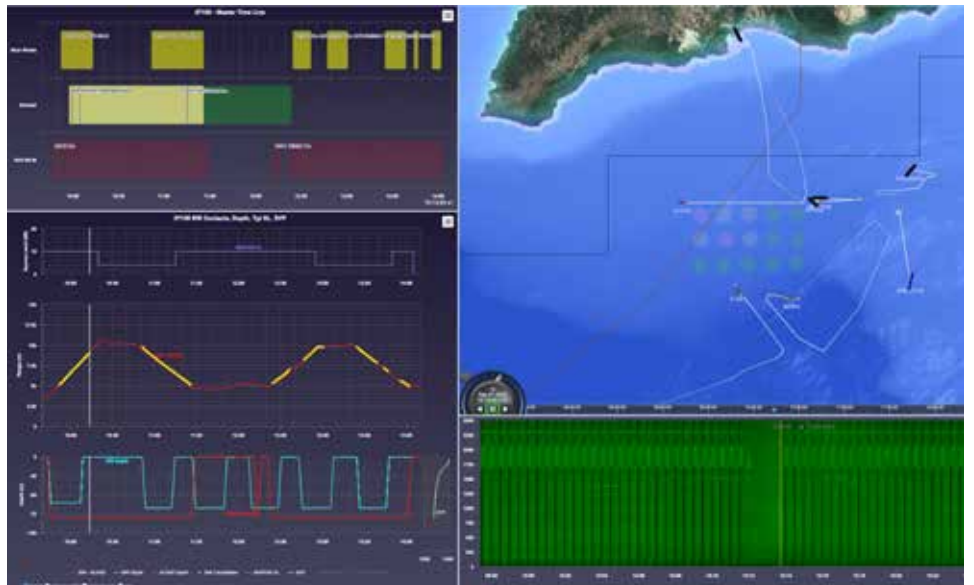
The results are presented on interactive maps, comprehensive timelines, detailed charts, and informative tables, all thoughtfully designed for user-friendly accessibility.



Main Functionality

Miraya Insight has a large library of functionality to make sense of the collected data. This includes:

- With built in dynamic 3D visualisation all events can be analysed in detail from any point of view at any playback speed.
- Event Sequence Diagrams.
- A variety of graphs that visualises the data layers on top of each other.
- Analysis algorithms that facilitate the work, such as automatic engagement outcome evaluations or sensor accuracy evaluations.



Miraya Insight Live - A system for Real-Time Monitoring and Analysis during Trials and Exercises

Miraya Insight Live is an enhanced feature of Miraya Insight that, through its real-time capabilities, can combine multiple data sources to present consolidated live information during ongoing tests or exercises. The system manages real-time data streams from sources such as AIS/ADSB, data link systems (I2I/CATL/4817, among others), tracking and sensor data, video streams, and communication data. All information is displayed live as the data is received and simultaneously stored for future analysis.



Miraya AB specialises in extracting, merging, visualising and analysing data in order to help you gain actionable insights and knowledge.

www.miraya.se

