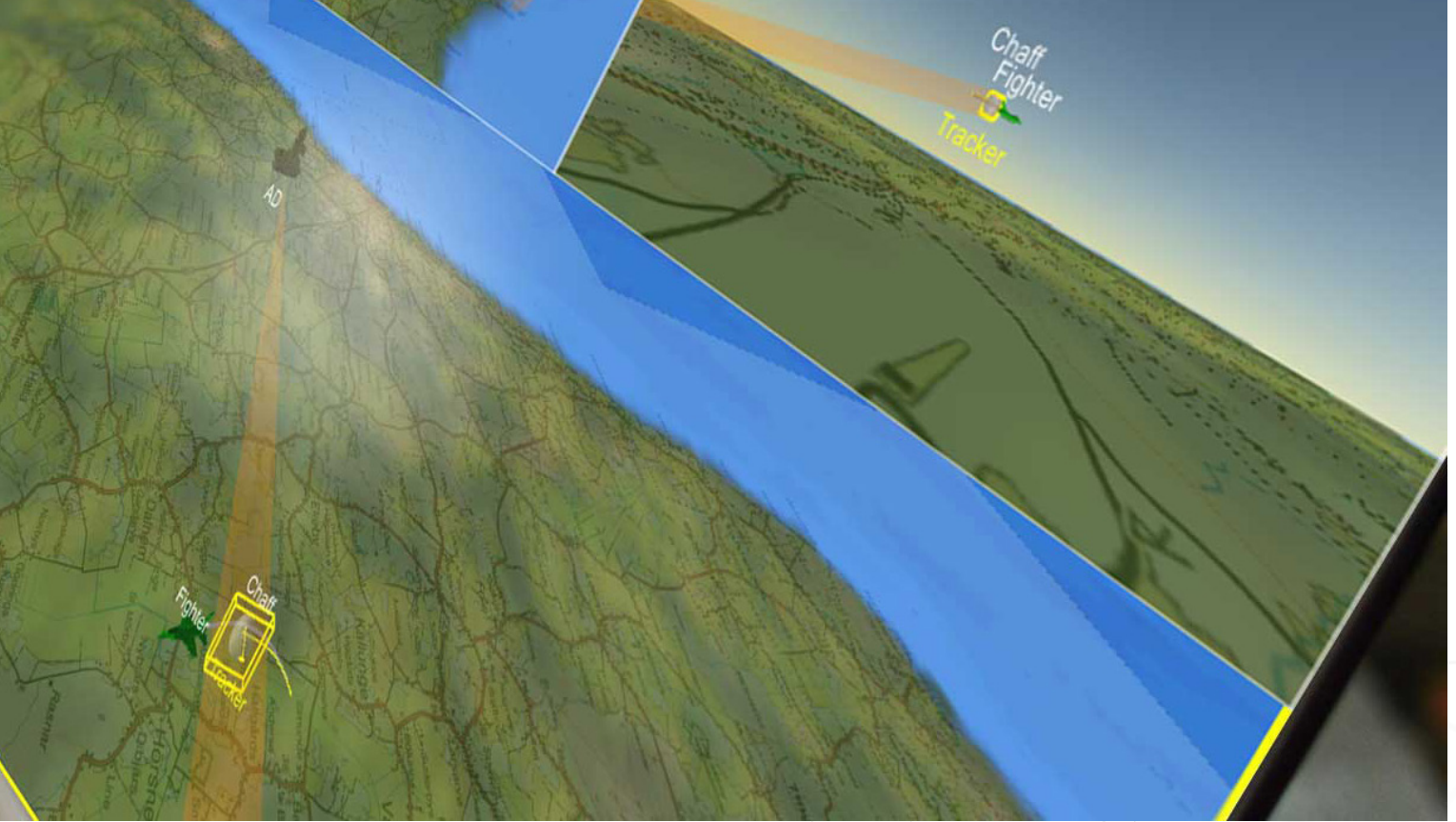


Miraya Insight™

A battle proven application that provides insights that can increase the efficiency of your operations and save lives.





Miraya Insight™ - a battle proven application

A tool for making sense of complex data from multiple sources.

What is Miraya Insight

Miraya Insight is a tool designed for operational analysis and continuous improvements.

By combining data from different sources, Miraya Insight enables you to analyse data from actual events, to map it, and to present it in the form of 3D visualisations, GIS data and graphs.

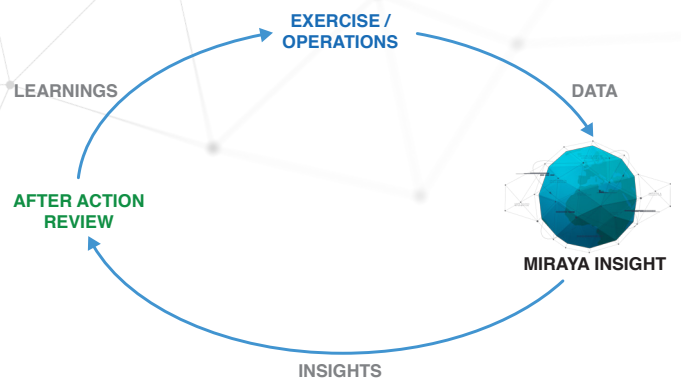
Viewing an operation or exercise from this holistic perspective will give you not only an understanding of the events themselves, but of their causes as well. You will have informed insights into both the 'what' and the 'why'.

Why use Miraya Insight

With holistic view and of an event, and knowledge of what actually happened and why, you have the opportunity to improve your operations, to make better utilize resources, and ultimately save lives of the units engaged in combat.

You use Miraya Insight because a comprehensive analysis of data from multiple sources is always more accurate than one based on data from just a single or few sources. Miraya Insight merges and manages complex data and provides a unified overview of an event that is as exact and precise as possible. This form of data management provides analysts with a much-needed holistic view, and gives them greater opportunities to understand sequences of events, and to isolate specific areas of interest and improvement.

Miraya Insight presents the merged data in a visual format, as it changes over space and time. This form of visual representation ensures a faster comprehension of intricate relationships, making it easier to find correlations between operational functions and actual outcomes. Information in Miraya Insights can then be displayed graphically, facilitating the decision-making process and providing clear, fact-based insights.



The end result of using Miraya Insight is in-depth insights, improved operations, and ultimately greater opportunities to keep your units safe.

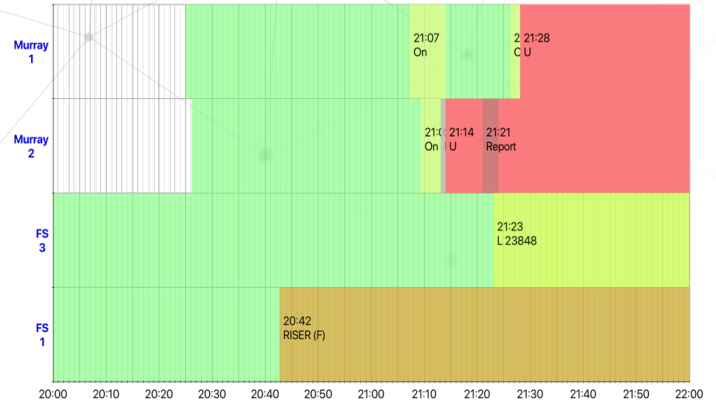
Adopted by the Military

Miraya Insight users can be found in the navy, air force, and the army. Military analysts and investigators use it to gain insights into surface warfare, anti-submarine warfare, anti-surface warfare, 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 what can we learn from these insights?
- Evaluation of exercises and test outcomes – looking at empirical data from actual events to gain insights as a basis for improving operational capabilities.
- Weapon engagements outcome – determining the underlying causes for any particular results identified by the data.
- Evaluations 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's unique ability to combine data in any format, independently of its source or technical system allows you to analyse data from diverse platforms, sensors, engagement systems, terrain, weather, and more, which facilitates decision-making and provides clear and fact-based insights.

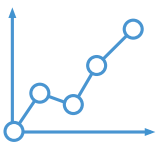


Miraya Insight presents the merged data, independently of its source, visually as it changes over space and time. This gives analysts and investigators unique opportunities to see patterns and trends.

Advantages

Miraya Insight is unique in its ability to combine data independently of its source, technical system or format is what truly sets it apart. Thanks to Miraya Insight's design, no modifications to existing systems are necessary – if you have the data, Insight can easily use it. What this means is no time wasted on upgrades, and no risk of any critical data being lost, corrupt, or distorted. Instead, all guesswork and biases are eliminated, with operational decisions becoming clear, fact-based, and more cost-effective.

With its many features and functions, Miraya Insight enables you to receive actionable insights from complex data in a number of ways, with a number of very real benefits - the ultimate one being saving the lives of your military personnel and units.



Operational Improvements

To be able to strengthen operational weaknesses or rectify flaws, they first need to be identified – Miraya Insight answers the questions of *what* actually happened and *why*.



Understand Complex Operations

Merging data from various kinds of systems, regardless of format, provides clear and structured information, and it makes complex chains of events more understandable and sharable.



Insights Gained Rapidly

Analyses and investigations often need to be conducted quickly. With Miraya Insight's unique database model, its APIs and algorithms you can get insights immediately after the data has become available.

How Miraya Insight Works

Miraya Insight is based on a unique data model developed over the course of 15 years. The data model works with a large set of algorithms, a graphical visualisation engine, and a chart generator in order to process and analyse large amounts of data.

Miraya Insight's ability to combine data in any format, independently of its source or technical system makes its data model unique and allows it to analyse data from diverse platforms, sensors, engagement systems, terrain, weather, and more.

- Step 1 – Data is gathered from sources such as platforms, sensors, engagement systems, blue teams, red teams, terrain and weather,
- Step 2 – API normalises and imports the data into the database,
- Step 3 – By analysing and presenting vast quantities of complex data visually, patterns and trends emerge, leading to actionable insights that can be used to improve operations.

Main Functions

Miraya Insight is full of functions that help you analyse and make sense of your data. Below are just a few of the many functions available:

- 3D Visualisation gives you the possibility to playback events and analyse them in detail.
- Event Sequence Diagrams provides you with an overview of a sequence of events.
- Analysis Algorithms that facilitate the work, such as automatic distance calculations, CPA calculations and sensor contacts evaluations
- A variety of graphs that visualise your data.
- GIS Analysis for analysis of geographical data.
- Automatic evaluation of events using predefined criteria.
- Trend Analysis gives a way of pointing out trends on how things change over time.



Actionable insights
based on empirical data
from multiple sources

