SIROS

ELINT Data Collection Solution

SIROS from Combitech is a solution for collecting highly valued observations and recordings from the connected Electronic Intelligence (ELINT) and Electronic Support Measures sensors (ESM) for further analysis, reporting and library development purposes.
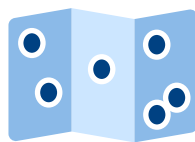
SIROS is modular, provides a flexible data model and is designed to allow quick and seamless integration to various sensor systems. It provides a multi-user multi-role environment with modern web-based user interfaces to search, visualize and report information.

Benefits

Enables ELINT/EW Library Production
Provides tools to collect and refine signal data over long periods to provide a solid foundation for technical signal analysis and reports.

Supports EOB Compilation
Contributes to the Electronic Order of Battle (EOB) compilation by providing the observation history from the target area.

Improved Situational Awareness
Provides tools to monitor and report the activity of known and unknown emitters in the target area.

Features

Provides a long term and secure data storage for collected observations.

Adapts to various roles and workflows.

User-centric, modern and intuitive graphical user interface.

Integrates to standard and proprietary sensor Application Programming Interfaces (APIs).

SIROS – A modern ELINT observation database

Secure, adaptable and cost-effective

Highly efficient solution that offers the best value for your investment!

- Provides data structures and tools for observations, recordings, signals and ELINT reports.
- Flexible data model and workflows for customer specific fine tuning.
- Adaptable workflows supporting various user-roles.
- Powerful search engine to access the relevant data.
- Supports file attachments and provides a quick preview for common file types.
- Multiple ways to represent and visualize information including an integrated map.
- Integration to Combitech solution SAINT for signal, emitter and platform identification.
- Internal identification library for new unknown signals.

Modern and compatible

1. Modern web-based architecture enables quick deployment and easy updates as well as straightforward access for authorized users.
2. Recognized standards and well documented APIs provide streamlined integration to e.g. ELINT/ESM sensors.
3. Commercial off-the-shelf (COTS) PC hardware and standard web browsers guarantee a well-established environment and predictable life-cycle costs.
4. Intuitive user experience speeds up training and makes SIROS easy to use.
5. Existing customer base with active development of the solution

Keep track with SIROS

- Collect hard evidence of the emitters of interest to support library development.
- Build and maintain a long history of observations to improve situational awareness.
- Establish a systematic workflow for collecting, analyzing and reporting ELINT data.

A turn-key combination for mission critical data

SIROS

ELINT data collection solution enables your operation to collect, refine and report important observations.

SAINT

EW and SIGNIT library solution enables your operation to rely on reliable and up to date Electronic Warfare Data

COLLECT, REFINE AND REPORT

BUILD, ENRICH & PROTECT EW DATA, PREPARE FOR MODERN THREATS

COMBITECH

Trust & understanding

Combitech has a close relationship with the armed forces and the defence sector in the Nordic region. It's a relationship built on a mutual understanding of the importance of high security and confidentiality. Over many years we have built up experience, knowledge, and an understanding of the industry requirements imposed in terms of technical performance, safety, and budgets.

Nordic partner

We at Combitech are accelerating the development of a smarter, more sustainable and more resilient society. As a Nordic tech solution and consulting partner, based in Sweden, Finland, and Norway, we develop, integrate, and support mission critical systems for defence domain customers and industry partners. Combitech is an independent part of the defence and security group Saab AB.