MEDIATOR

Integration Solution for
Multidomain Interoperability

MEDIATOR from Combitech is a modular and secure integration solution designed for complex and multi-actor environments. With MEDIATOR, organization ensure seamless data flow between various data consumers and providers to enhance situational awareness with controlled manner.

Based on your needs MEDIATOR supports both standardized and proprietary interfaces.

Benefits

Cost-efficient interoperability

Mediator as a platform supports multiple various weapon and sensor systems as one sustainable solution.

High performing data flows

Provide time sensitive sensor data to various actors in multidomain, multinational operations.

Ready-made solution for various cases

Existing platform supports multiple standards (STANAG, MIL-STD´s) in operational use.

Network centric approach

Ensure interoperability for legacy systems in changing operating environment.

Features

Reliable and high-volume data transfer between multiple different systems simultaneously

Internal transformation services for data format adjustment and data enrichment

Easy and modern user interface for monitoring and configuration management. Functionalities for data recording and playback

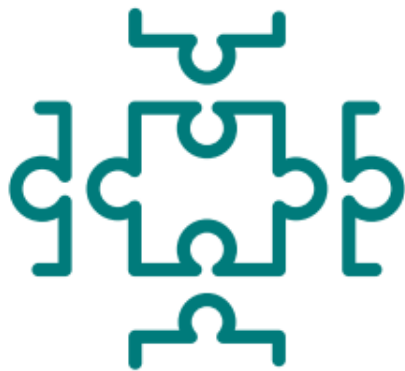Mission critical information shared reliably and in secure manner

MEDIATOR from Combitech
Ultimate integration solution – a solution between systems

Versatile way to provide and consume data

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

- 80% ready solution for many use cases

- Microservice architecture to ensure growth potential and configurability

- Enables data transfer in adjusted and original formats

- Limit and control destabilizing changes in ecosystem

- In-built monitoring, recording and playback tools for testing and verification

- Data streams defined based on data classification to support data centric security

- Multinational and multi-actor ecosystem as a key design principle

High performing, standardised and uncomplicated

Enhance interoperability with ease!

- One solution to solve multiple problems

- Increase operational efficiency of your system with necessary recognized situation pictures

- Contribute your sensors' or weapon systems' valuable data for multidomain actors

- Keep up to date with external ecosystem in a cost-efficient manner

- Commonly used standards as a cornerstone but can be enhanced with proprietary/legacy protocols based on your requirements
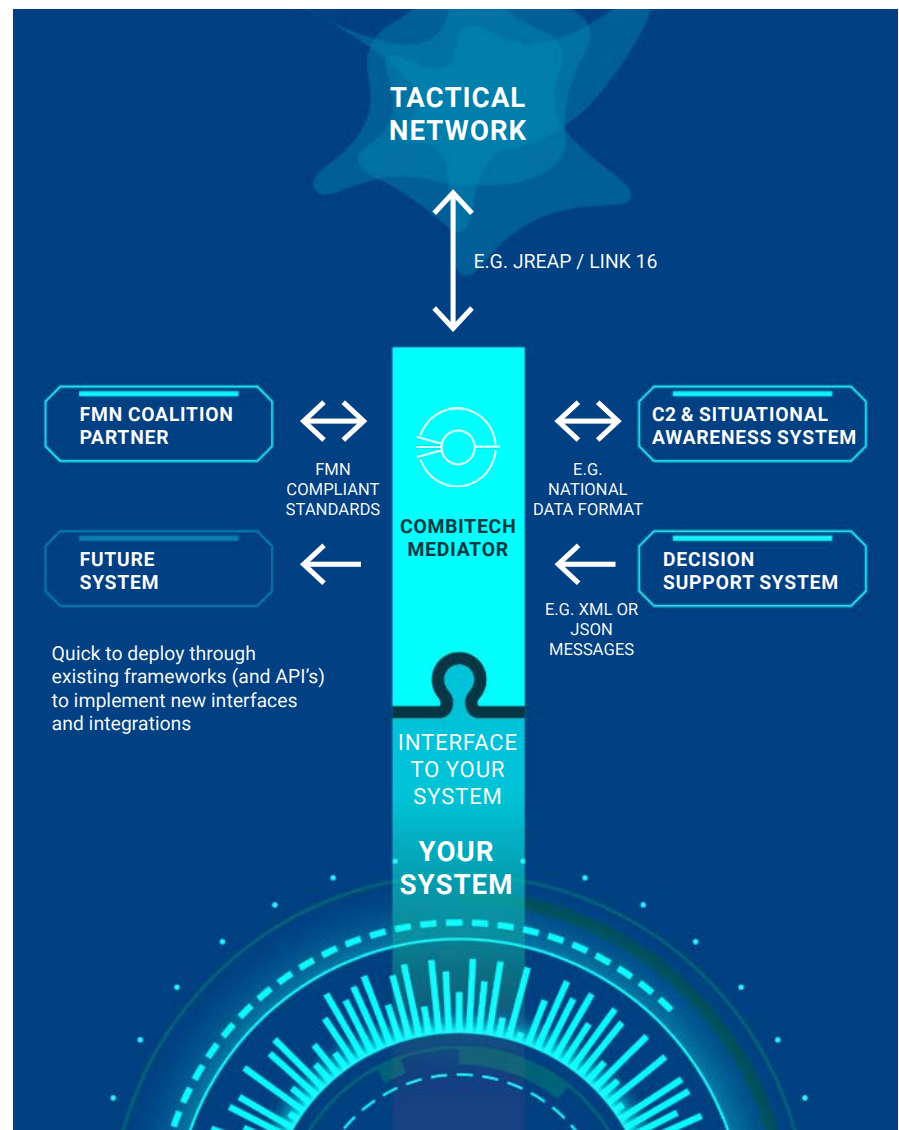
Ready for action

- Solution in operational use supporting various sensor types and interfaces

- Support for multiple protocols; TCP/IP, UDP, SMTP, WebSocket

- Handles data in any common format efficiently

- Easy to scale and configure for you specified need

- Platform agnostic approach to match your environment

TACTICAL
NETWORK

E.G. JREAP / LINK 16

FMN COALITION PARTNER

C2 & SITUATIONAL AWARENESS SYSTEM

FMN COMPLIANT STANDARDS

E.G. NATIONAL DATA FORMAT

COMBITECH MEDIATOR

FUTURE SYSTEM

DECISION SUPPORT SYSTEM

E.G. XML OR JSON MESSAGES

Quick to deploy through existing frameworks (and API's) to implement new interfaces and integrations

INTERFACE TO YOUR SYSTEM

YOUR SYSTEM

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

Combitech is a Nordic tech solution and consulting partner based in Sweden, Finland, and Norway. We are developing, integrating, and supporting missioncritical systems for defence domain customers and industry partners. Combitech is an independent part of the defence and security group Saab AB.