MindLink
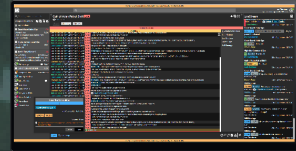
Secure Federated Chat:
Enabling real-time classified collaboration across distributed mission components

MindLink's cutting edge federation protocol is specifically designed to securely share classified information only to those with a need to know, in real time, and on a federated platform you and your mission partners can trust.

Secure Chat Rooms

MindLink provides users with structured persistent chat rooms that are securely federated with coalition mission partners and forward-deployed assets.

Sharing of highly classified but mission critical information in real time is a vital aspect of effective command and control.

Federated Attribute-Based Access Control

MindLink's sophisticated attribute-based access control (ABAC) system is extended between coalition partners by the MindLink federation protocol.

Automating both discovery and assurance of collaborating mission participants through multi-layered ABAC is key to data-centric security in coalition operations and "day zero" readiness.

Optimised Network Footprint

Use of compression, event-based streaming, and scalable subscription and retry techniques delivers a highly efficient, versatile, and minimally-exposed network footprint.

Operational connectivity over poor and constrained network links delivers critical real-time communication between all tactical mission components.

Definitive Sovereignty

With an innovative asymmetric design, MindLink's federation protocol explicitly defines data ownership and flow to participating parties.

Sharing of data minimally, on demand, and ephemerally achieves a precisely-centralised federated network that preserves absolute data sovereignty between cooperating partners.

Organisational Trust

MindLink's federation architecture leverages an organisational trust model and integrates with corporate identity and directory infrastructure.

Mitigation of governance, regulation, and policy constraints associated with nationally sensitive topics is inherent to the protocol design.

Official Data Classification

MindLink's federation protocol natively incorporates national security classification systems for data labelling and access control.

Use of established handling practices for classified data allows sensitive information to be disseminated appropriately with minimised risk using cutting edge data-centric security techniques.

MindLink: Ultra-secure, Coalition-wide, Mission Communications

For more information or inquiries please visit our website:
WWW.MINDLINKSOFT.COM

About MindLink

MindLink are specialists in real-time collaboration systems for highly-secure, mission-critical operations.

Our state-of-the-art platform is designed for the highest levels of classified communication for government agencies and partner nations.

DASA Funded Project

MindLink's "Secure federated persistent chat for classified information" project received funding from DASA in 2022-2023 to address the demanding challenges of real-time communication across an agile, multi-domain, coalition mission environment.

Defence and Security Accelerator

We have engineered a purpose built and future-proofed solution to address real-time collaboration specifically for:

- International coalition collaboration, en-masse and with day zero readiness
- Cross-domain scenarios over asymmetric, data-centric protocol flows
- Forward-deployed tactical connectivity over ultra-low bandwidth and non-reliable links
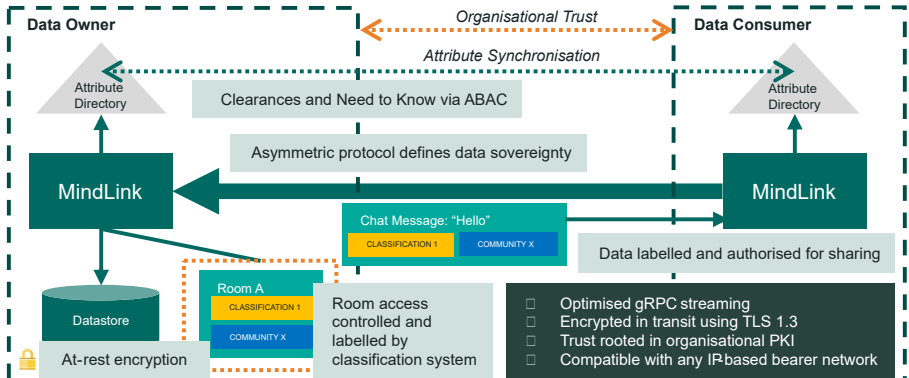
June Showcase Events

This innovative project is **entering testing and trialling from July 2023** and we are seeking partners for evaluation and architectural feedback.

We are hosting showcase events beginning June 26th please get in contact directly or via DASA to register your interest.

Data-centric Federation Architecture

Technical Whitepaper

For more information about this project please see our whitepaper by scanning the code or using the link below.