

# MindMeld Enables DAF Teams to Solve Complex Problems by Forming a Collective Superintelligence

MindMeld will enable DAF teams of any size to hold real-time conversations while AI technology amplifies their collective intelligence. We call this Collective Superintelligence and it will enable more accurate assessments, forecasts, decisions, and insights when solving complex problems.



## COMPANY:

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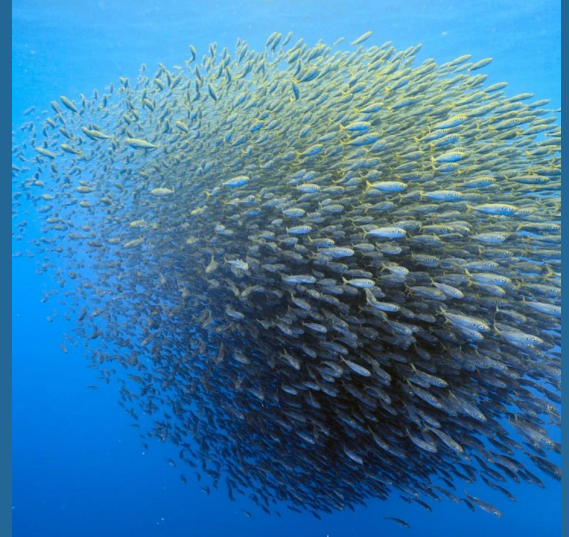


## CONTRACT:

SBIR FA864924P0082

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MindMeld would benefit Air Force Research Laboratory, the 711th Human Performance Wing, the Air Force Combat Network, Space Force Satellite Control Network Teams, and any other agency connecting large groups of personnel in the battlespace decision loop.



## What is MindMeld?

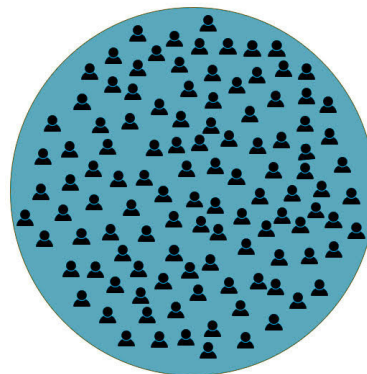
MindMeld is a powerful communications platform that enables large networked teams (25 to 2500 people) to hold real-time conversations and rapidly converge on solutions to critical problems.

It works using a network of Large Language Models (LLMs) in combination with powerful collective intelligence technology called Swarm AI. MindMeld allows large teams to amplify their combined intelligence, producing more accurate assessments, forecasts, decisions, and evaluations.

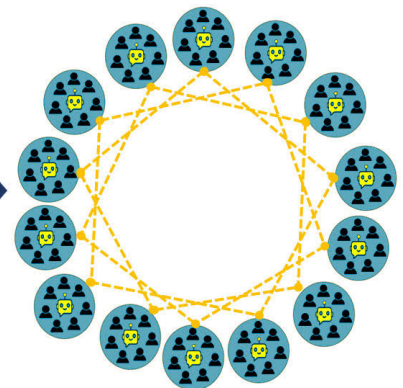
The platform currently supports conversations by online chat or voice and in Phase II will support real-time video conferencing.

## DAF Applications

MindMeld is ideal for capturing and amplifying the wisdom of subject-matter experts, turning groups of specialists into super-intelligent systems that can solve complex problems. It is also perfect for capturing ideas, insights, and feedback from large stakeholder groups across DAF, facilitating solutions that are significantly more accurate than current methods.



Large Collaborating Group  
(standard unstructured network)



Collective Superintelligence  
(leverages Swarm Intelligence)

## How it Works

MindMeld is built using a breakthrough technology called Conversational Swarm Intelligence (CSI). It works by taking a large group and breaking it up into a network of small subgroups. Large Language Models (LLMs) are used to pass information from subgroup-to-subgroup, cross-pollinating insights across the full population. This enables teams of nearly any size to hold coherent real-time conversations while amplifying their collective intelligence. In this way, MindMeld will enable distributed DAF groups to reach significantly more accurate assessments, forecasts, decisions, and evaluations than traditional methods.