



NATO Allied Command Transformation **Joint Force Development Operational Experimentation**

2021 Fact Sheet – Data Farming System (DFS) Decision Making Support

WDI Data Farming System (DFS) Decision Making Support aligns under Allied Command Transformation Warfare Development Imperative (WDI) - Cross Domain Command

Background: Data Farming (DF) is a simulation-based methodology that supports military decision-making throughout the development, analysis, and refinement of courses of action. By performing many simulation runs, a huge variety of alternatives can be explored to allow decision makers to make more informed and robust decisions. Paradoxically, this method can be used to declutter the immense amount of information known and allow commanders and staff improved situational awareness.

Data Farming furthermore allows for the consideration of uncertainties and the discovery of unexpected outcomes that may lead to findings that allow NATO military decision makers in the domains like defence planning, operations and capability development to reduce surprises resulting in more robust solutions. Please contact sponsor for more information.

Mission: The aim of the activity is to experiment and evaluate the simulation through utilization of Data Farming Services.

Experiment Category: Experiment in Exercises

Headquarters: NATO Allied Command Transformation
Joint Force Development Directorate
Operational Experimentation Branch

OPEX: JFD OPEX delivers transformation to the Alliance through the conduct of controlled investigations that discover information, test hypotheses, and validate concepts before committing significant resources. Visit www.act.nato.int/opex-pressroom for more information, or visit us online at the CDE365 Website located on [NATO's Transformation Network](#).

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NATO HQ STRATCOM: The Data Farming System (DFS) Decision Making Support experiment aligns under the 2021 One NATO Brand pillar of NATO Strengthens.

NATO ACT STRATCOM: The Data Farming System (DFS) Decision Making Support experiment contributes to Supreme Allied Commander Transformation 2021 Objective # 1 – Support NATO's operations, increase interoperability and readiness; #2 – Mitigate the risk of strategic surprise and global trends; #5 – Maintain a permanent fit for purpose and agile ACT.

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