



## **NATO Allied Command Transformation**

# **Joint Force Development Experimentation & Wargaming Branch Fact Sheet – Human Considerations in Artificial Intelligence (AI) for Command and Control (C2): Augmented Near real-Time Instrument for Critical Information Processing and Evaluation (ANTICIPE)**

### **Background:**

In the follow-up of the Science and Technology Office's (STO) Information Systems Technology Panel 157, a new Research Task Group will conduct an experimentation on Human Considerations in Artificial Intelligence for Command and Control (C2), using the Augmented Near real-Time Instrument for Critical Information Processing and Evaluation (ANTICIPE) system, which focuses on the use of an AI-enabled technology prototype to support the development, monitoring, and assessment of Commander's Critical Information Requirements and allow high velocity Decision-Making. This experiment will use Exercise STEADFAST JUPITER 2022 (Ex STJU22) to inform on-going concept and capability development work in the area of decision-making and C2.

### **Aim:**

This experiment explores how an AI-enabled technology focuses on how AI-enabled technology may provide insights on how humans make decisions under uncertainty. The aim is to use the prototype to demonstrate how AI can be used to affect command and control decision making, on operations.

### **WDI:**

Human Considerations in AI for C2: ANTICIPE aligns under Allied Command Transformation Warfare Development Imperative (WDI) – Cross Domain Command.

### **Category:**

Experiment in Exercises

### **Sponsors:**

NATO Allied Command Transformation Innovation Branch and STO through Engineering University for Applied Cognitive Sciences

### **Headquarters:**

NATO Allied Command Transformation; Joint Force Development Directorate; Experimentation & Wargaming Branch

### **EWB:**

JFD EWB delivers transformation to the Alliance through the conduct of experiments and wargames. Visit [www.act.nato.int/ewb-pressroom](http://www.act.nato.int/ewb-pressroom) for more information, or visit us online at the CDE365 Website located on [NATO's Transformation Network](#).

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