



NATO Allied Command Transformation

Joint Force Development Experimentation & Wargaming Branch Fact Sheet – NATO 5G Use Cases Validation

- Background:** The 5G technologies, with its ability to provide massive machine interface, ultra-reliability and low-latency, have the potential to provide additive capabilities to current and future NATO CIS infrastructure. Those capabilities could be useful in enabling NATO forces to be aware, agile, networked, and lethal in future engagement. Also, in terms of military implications, the 5G technology could enhance sustainment, command and control, projection of forces, protection of NATO forces, increase responsiveness to inform decision makers and prepare forces for operations. The effect is that NATO forces can out-pace, out-think, and out-fight adversarial forces.
- Aim:** This experiment seeks to start exploring the application of 5G network in the context of Augmented Reality/Virtual Reality (AR/VR) SATCOM Training. The aim also is to use enhanced forward presence forces in their particular base, together with Latvian 5G testbed.
- WDI:** NATO 5G Use Cases Validation aligns under Allied Command Transformation Warfare Development Imperative (WDI) - Influence and Power Projection
- Experiment Category:** Experiment in Operations
- Sponsors:** Principal C3 Policies - Capability and Industry SME, Communication Information Services
- 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 for more information, or visit us online at the CDE365 Website located on [NATO's Transformation Network](#).
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