

Thales takes collaborative combat to a new level with the Combat Digital Platform

- Thales is consolidating its position in the age of collaborative combat with the Combat Digital Platform, a cybersecure platform designed to support collaborative engagements by land forces in the battlespace of the future in a unified system that allows them to understand, decide and act faster than the adversary.
- This tactical system uses advanced data techniques and artificial intelligence to exchange and automatically analyse large volumes of data sourced from all levels of command and all the units deployed in a given area.
- The Combat Digital Platform is designed to offer a user experience that reflects the realities of the battlespace and meets the needs of land forces today.



Developments in the threat landscape and the nature of conflict call for significant changes in the way that missions are conducted. As the number of actors in the battlespace increases, the digital transformation and advanced connectivity solutions have become an integral part of military operations. Today, Thales is introducing the Combat Digital Platform, a cybersecure platform designed to share, analyse and exploit the vast quantities of available data to guarantee information superiority for the forces deployed in the theatre of operations.

Much more than a command system, the Combat Digital Platform uses **artificial intelligence** to take collaborative engagements by land forces to a new level. Deployed at every level in the force, from the command centre to vehicles on the front line, the system shares information between sensors and weapon systems **continuously and flexibly** under the supervision of human operators. Real-time

cooperation between the sensors deployed by land vehicles, drones and dismounted infantry significantly improves **situational awareness** in the battlefield thanks to automated **data fusion, processing and analytics**.

The system also offers important benefits for **joint and allied operations**. The Combat Digital Platform is designed to support the **conventional tactical command or battle management systems** operated by joint forces and alliance partners and to share data securely **in compliance with key NATO standards**. Information can be assimilated and exploited quickly and securely to accelerate mission preparation and simplify engagements by multiple stakeholders. The ability to share reliable, actionable information across every level of the command chain significantly enhances the **interoperability** of the forces in the field.

Thales's expertise in **mobile connectivity solutions** is at the heart of this system. Based on a combat cloud architecture, the Combat Digital Platform provides advanced connectivity services using any combination of software-defined radios, satcoms and LTE mobile networks.¹

Some 50 Thales experts worked with end users to design, develop and evaluate the system, drawing on experience from the SCORPION programme to optimise the **user experience** for real-world battlefield conditions.

“With the Combat Digital Platform, Thales enables land forces to exploit all tactical data in a unified, cybersecure system in order to understand, decide and act faster than the adversary. The soldier remains at the heart of the decision-making process.” – Gérard Herby, Vice President, Protection Systems, Thales.

About Thales

Thales (Euronext Paris: HO) is a global leader in advanced technologies, investing in digital and “deep tech” innovations — connectivity, big data, artificial intelligence, cybersecurity and quantum technologies — to build a confident future crucial for the development of our societies. The company provides solutions, services and products that help its customers — businesses, organisations and states — in the defence, aeronautics, space, transportation and digital identity and security markets to fulfil their critical missions, by placing humans at the heart of the decision-making process.

Thales has 81,000 employees in 68 countries. In 2021, the Group generated sales of €16.2 billion.

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¹ Long-Term Evolution