



AVINOR SELECTS THALES TO DEPLOY NORWAY'S NEXT-GENERATION NATIONWIDE UNMANNED TRAFFIC MANAGEMENT SYSTEM

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This strategic partnership with Avinor, the Norwegian air navigation service provider and airport operator, will enable the deployment of Norway's next-generation nationwide Unmanned Traffic Management system. This collaboration represents a major step forward in Norway's airspace management, combining innovation with strict regulatory compliance. It also signifies a key milestone for Thales in the integration of AstraUTM, a recently acquired leader in cutting-edge UTM software development.

Christian Rivierre, Vice-President Airspace Mobility Solutions, Thales commented: "We are honored to collaborate with Avinor to bring this nationwide UTM system to life in Norway, prioritising safety, innovation, and, naturally, regulatory alignment. Together with Avinor, we

embrace the development of BVLOS (Beyond Visual Line of Sight) services in non-segregated airspaces, enabling technologies that make it simple and economical to perform safe, repeatable and scalable commercial UAS operations. Our UTM solutions, recently enhanced with AstraUTM, a Thales company, reflect Thales' commitment to advancing airspace management and setting the foundation for safe and integrated air mobility."

Mats Bye Gjertsen, Vice-President Avinor Drone Programme stated: "At Avinor, we are proud to be an active contributor in developing uncrewed aviation in Norway. Partnering with Thales on this next-generation UTM system reflects our dedication to advancing uncrewed operations in Norwegian airspace. This system will support Avinor's role in ensuring the safe and efficient integration of drones, providing oversight, and managing airspace responsibly. We are excited to work with Thales as a strategic partner to deliver a solution that benefits all airspace users and supports air traffic services in managing drone operations."

With its newly released product Topsy - UAS powered by AstraUTM, Thales will provide a safe and scalable digital platform for automated UTM and future AAM (Advanced Airspace Mobility). This system will efficiently manage air traffic in the vicinity of airports and metropolitan, suburban, and regional areas, offering capabilities such as compliance monitoring, authorisation management, real-time decision-making, continuous airspace surveillance, automated conflict resolution, and rapid response to dynamic conditions.

Avinor's new UTM system aims to provide essential services for various stakeholders, including drone operators, air traffic service providers (ATSP), government agencies, and other key players in Norway in relation to the low altitude airspace management. The system will meet regulatory standards as specified in Implementing Regulation (EU) 2021/664, alongside the Acceptable Means of Compliance and Guidance Material for U-space management, ensuring that all services meet the highest standards of safety and operational transparency.

This UTM system will integrate safe, efficient and predictable access services such as the Common Information Service (CIS) and U-space Service Provider (USSP) provisions, ensuring complete regulatory compliance in U-space designated airspaces.

Through the implementation and management of a nationwide UTM system, Norway will benefit from robust unmanned traffic management solutions that support the diverse requirements of both civilian and governmental stakeholders. The system will deliver advanced real-time data sharing, streamlined and automated airspace access, and enhanced situational awareness to enable operations at scale in Norway's dynamic airspace environment for all operators in the manned and unmanned airspace.

09 DECEMBER 2024

ARTICLE LINK:

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