

Andøya Space Defence selects Kongsberg Geospatial to Develop Next-Gen Mission Planning System for Range Modernization

The Kongsberg Geospatial system, based on their TerraLens DSF will enable weapon system end-to-end testing, full-scale operational training exercises, and more.

OTTAWA, ON, CANADA, May 31, 2023 /EINPresswire.com/ -- Kongsberg Geospatial, developer of the TerraLens SDK, announced today that they have been awarded a contract by Andøya Space Defence (ASD), along with Kongsberg Defence & Aerospace,

Aviation & Security as the prime, to provide a next-generation mission planning and situational awareness system for ASD's Test and Training Range. The TerraLens DSF-based system will be fed by multiple sensor types to enable three-dimensional visualization of real-time operations in multiple domains for range monitoring and vehicle tracking.

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Jordan Freed, President of Kongsberg Geospatial

ASD located at Andøya, in the northern part of Norway, facilitates end-to-end testing of weapon and sensor systems, and full-scale operational training exercises. The test range can perform missions not possible to conduct anywhere else in the world as one of the most advanced fully instrumented test ranges in Europe. ASD offers a wide range of services within live firing, testing, evaluation, and training for the Norwegian military, NATO allied forces, and the weapons industry. ASD provides data collection by telemetry, radar, and optical sensors, within a safe

environment for the trials and their services can be utilized within land, sea, and air operations.

Kongsberg Geospatial will deliver a tailored system developed on our TerraLens DSF platform



that will provide advanced visualization capability to enable the delivery of these services to be used for planning, operations, and analytics for the testing & training of military technology including, but not limited to, missiles & rockets, aircraft systems, and Uncrewed Aerial Systems (UAS). The TerraLens DSF-based solution prioritizes innovation, scalability, safety assurance, and the reduction of operator cognitive load. It is easily scalable with its Data Distribution Services (DDS) architecture and ensures safety with Geofencing and Safe Areas that output warnings when a track crosses a pre-defined area.



Kongsberg Geospatial's TerraLens DSF was developed based on technology originally created for airspace control and missile defence applications such as the National Advanced Surface-to-Air Missile System (NASAMS). The DSF system is also capable of fusing data from a wide range of real-time sensors to provide a precise real-time picture of their operational airspace when piloting one or more uncrewed vehicles beyond visual line-of-sight (BVLOS) and has been provided to drone operators with enhanced situational awareness while operating uncrewed aircraft and land vehicles.

"Andøya Space Defence is a world leader in live firing, test, evaluation, and training for the Norwegian military, and NATO allied forces so we are very honored to be selected to provide this capability", said Jordan Freed, President of Kongsberg Geospatial. "The Norwegian Andøya Space Range modernization will increase the capabilities, and effectiveness of our allied armed forces, and enhance the joint partnership between Norway and Canada and we are proud to be part of it."

"As a part of the continuous development of the range services, Andøya Space Defence has been searching for a visualization solution to enhance and improve our capabilities", says Gunnar Jan Olsen, President of Andøya Space Defence. "The Kongsberg solution was selected to meet our demanding requirements."

About Kongsberg Geospatial: Based in Ottawa, Canada, Kongsberg Geospatial (<https://kongsberggeospatial.com>) creates precision real-time software for air traffic control and UxS and situational awareness. The Company's products are primarily deployed in solutions for air-traffic control, Command and Control, and air defence. Over nearly three decades of providing dependable performance under extreme conditions, Kongsberg Geospatial has become the leading geospatial technology provider for mission-critical applications where lives are on the line. Kongsberg Geospatial is a subsidiary of Kongsberg Defence & Aerospace.

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About Kongsberg Defence & Aerospace, Aviation & Security: Based in Kongsberg, Norway, Aviation & Security provides innovative technology for remote towers related operations, digital airports, and security products. The Kongsberg Remote Towers systems are increasing air traffic safety while cutting down operational and maintenance costs. The systems enhance optimal efficiency in extreme environments while maintaining safety through remote tower implementation, digital tower enhancements, and implementing other surveillance operations. Media contact: aviation.security@kongsberg.com

About Andøya Space Defence: Andøya Space Defence is a versatile Test Range used for a variety of missions. Andøya Space Defence is the only advanced Test and Training Range in Norway for advanced testing and is in many respects unique in Nordic waters. The range is used on a regular basis for large exercises with multinational defence task forces. Media contact: +47 76 14 44 00 or reach us by email at press@andoyaspace.no

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