

Thales and LuxCarta sign a partnership to offer artificial intelligence powered solutions for military intelligence and cartography



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Sophia Antipolis, France – February 23, 2023 - Thales and LuxCarta, a company specialized in the production of geospatial products derived from satellite imagery, join forces to offer artificial intelligence (AI) enhanced solutions for intelligence and military cartography. This agreement reinforces the partnership between the two companies, which have been working together since 2020.

To quickly obtain accurate geospatial data is critical to military planning and assists in the decision making of operations. The partnership agreement between Thales and LuxCarta addresses this requirement.

Thales has a recognized expertise in the production of military and intelligence maps with a detailed knowledge of the technical references specific to the military sector. The Group supports the armed forces by creating accurate and reliable maps from satellite images that are scanned and vectorized.

LuxCarta is at the forefront of the field of AI in deriving geospatial products thanks to its BrightEarth platform and associated technologies. The innovative small-to-medium enterprise (SME) produces very large-scale cartographic data in a very short time to serve the needs of its civilian markets. This know-how and experience have been transposed by Thales to the defence sector and integrated into its cartographic production lines and military intelligence systems.

For intelligence and military geography, AI is particularly useful in photo interpretation. For instance, this technology is able to automatically detect, interpret and digitize buildings, road networks, obstacles, vehicles, etc. By the automation of repetitive tasks, AI saves time in map production and focuses human efforts on high value-added activities.

“LuxCarta provides best-in-class AI-enhanced production of geospatial products that delivers a rapid input to our military cartographic and intelligence businesses,” said **Eric Aubineau, Image & Intelligence Systems Director, Thales**. “We’ve worked effectively together and it was time to formalize our partnership.”

“It is very rewarding to see all of our hard work on automating the extraction of features from satellite imagery being taken to the next level by our partner Thales,” said **Albéric Maumy, CEO of LuxCarta**. “We’re happy to contribute our important part to their ability to rapidly produce cartographic information and change detection intelligence capabilities.”

This winning partnership between a major defence player and an innovative SME illustrates Thales' ability to call on outside expertise to enhance the performance of its systems, accelerate its digital innovation and improve the performance of its technologies in intelligence and military geography.

About Thales

Thales (Euronext Paris: HO) is a global high technology leader investing in digital and “deep tech” innovations — connectivity, big data, artificial intelligence, cybersecurity and quantum technology — to build a future we can all trust, which is vital to 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.

www.thalesgroup.com

About LuxCarta

LuxCarta focuses on the creation and delivery of geospatial products for the global telecom, simulation & training and other vertical markets. We specialize in the rapid production and delivery of quality fit-for-purpose mapping products to expert end users utilizing the latest AI technology advancements achieved through extensive R&D. Our customers are supported by skilled geospatial experts in their time zone through five corporate offices around the world.

www.LuxCarta.com

Press Contacts:

Thales, Media Relations
Land and Naval Defence
Camille Heck

THALES



+33 (0)6 73 78 33 63

camille.heck@thalesgroup.com

LuxCarta

Head of Marketing

Colin Urwin

+1.613.825.8866

colin@luxcarta.com