

L'Avion Jaune Selects Septentrio's RTK Technology for UAV Laser Scanner

L'Avion Jaune has selected the Septentrio AsteRx-m™ for its robustness and low-power consumption, to equip the YellowScan system.

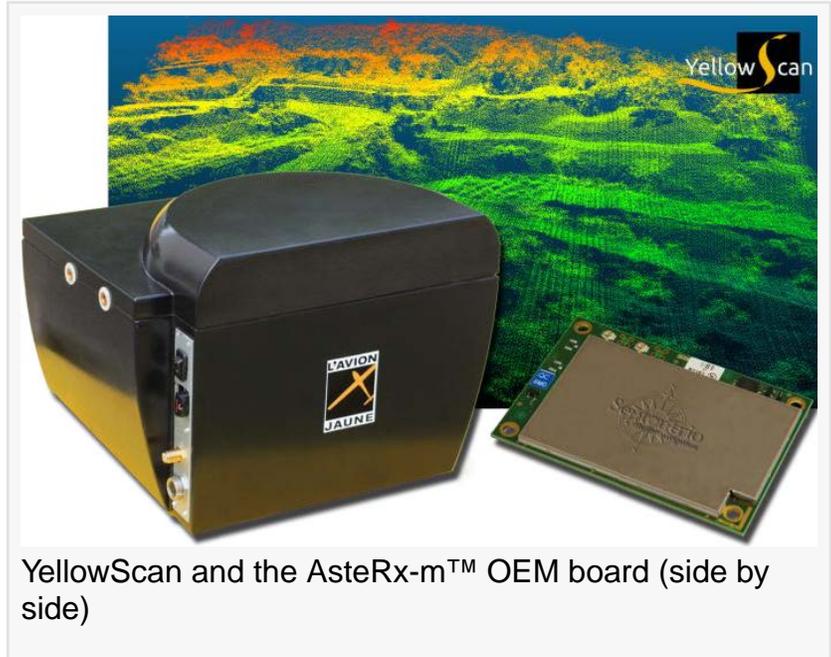
LEUVEN, BELGIUM, December 9, 2014 /EINPresswire.com/ -- Leuven, Belgium - December 9, 2014 - Septentrio announced today that L'Avion Jaune, a leading service provider and airborne sensors integrator in the field of aerial surveys with a decade of experience in [UAV](#) technologies has selected the Septentrio [AsteRx-m™](#) for its robustness and low-power consumption, to equip the YellowScan system.

YellowScan is the world's lightest all-in-one solution designed to deliver quality aerial surveys carried out using a LiDAR sensor aboard UAVs at an unrivaled price-performance ratio. The self-contained system integrates into a small package all the necessary equipment for conducting airborne surveys: a 3D laser scanner, an AHRS, a controller, an autonomous power supply module and the AsteRx-m™, a high-performance precision GNSS receiver.

The AsteRx-m™ provides a compact and low power solution for precise positioning in the most difficult environments where the tracking of both GLONASS and GPS satellites allows the receiver to improve the availability and robustness of a positioning solution. Septentrio's newest RTK models optimally adapt to situations where GNSS signals can be distorted by reflective surfaces and feature unique countermeasures to disturbances, thus maintaining accurate and stable measurements wherever and whenever cm-level accuracy is needed.

"The easy to integrate AsteRx-m™ has proven to deliver the most reliable and stable RTK performance of all, in a compact and exceptionally low-power consumption module" said Michel Assenbaum, CEO of L'Avion Jaune. "The AsteRx-m™ allows us to extend the operational range and capabilities of the YellowScan, a fully autonomous surveying solution dedicated to UAVs. We have tested the solution in various environments across the world and have never seen it falter".

"We are delighted that L'Avion Jaune, a respected expert in designing unmanned-aerial remote sensing solutions, has validated the excellent performance of our ultra-compact GNSS receiver," commented Jan Van Hees, Head of Business Development at Septentrio. "We are impressed to see how much interest YellowScan has drawn since its introduction and we are very proud to be contributing to the success of a best of breed solution in this highly competitive market."



YellowScan and the AsteRx-m™ OEM board (side by side)

About Septentrio

Septentrio Satellite Navigation designs, manufactures, sells and supports high-precision OEM GNSS receivers for the most demanding professional navigation, positioning and timing applications. Septentrio delivers breakthrough technology in the development of high-end GNSS receiver instruments and the integration of hybrid solutions. Septentrio receivers offer unrestricted signal tracking capability and the most comprehensive range of countermeasures to mitigate GNSS vulnerability. Altus is a part of the Septentrio group of companies and has primary responsibility for positioning systems in the surveying and [GIS](#) business sectors. To learn more about Septentrio and Altus products, visit www.septentrio.com and www.altus-ps.com.

Septentrio, Altus, PolaRx and AsteRx are registered trademarks in the United States and/or other countries.

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About L'Avion Jaune

Founded in 2005 by three associates, L'Avion Jaune started as a development and service company based on UAV technology. Reality and opportunities made it evolve to a full aerial imagery service company using manned planes and helicopters as well as UAVs. Since the beginning, their commitment to fulfill high resolution and high quality radiometric requirements has fueled their research and development department. To learn more about L'Avion Jaune and the YellowScan system, visit yellowscan.lavionjaune.com.

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