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ABB and HEMERIA collaborate to advance the monitoring of space

- ABB has signed a Memorandum of Understanding (MoU) with HEMERIA, a leading French provider of satellite platforms
- The companies will explore solutions for space situational awareness, leveraging ABB's technology capable of detecting and tracking objects in complex environments
- The collaboration aims to enhance the performance and capabilities of space-based systems with advanced multispectral payloads

ABB has signed a Memorandum of Understanding (MoU) with HEMERIA, a leading French provider of satellite platforms, to jointly explore developing solutions for space situational awareness (SSA). The agreement was signed at the International Paris Air Show at Le Bourget, the prime meeting place for the global aerospace industry.

Working together, the companies will look into the possibilities for integrating ABB's high-precision multispectral payloads with HEMERIA's satellite platforms, with the aim of ensuring optimal performance and reliability and enhancing global space traffic management efforts.

ABB's payloads are capable of detecting and tracking objects in complex environments, contributing to real-time data collection and improved decision-making for satellite operators and space agencies. At the same time, HEMERIA's satellite platforms offer agility, stability and resilience for all types of space missions with a high level of performance.

"Through this collaboration, ABB and HEMERIA will work on advancing the responsible and secure use of space," said Marc Corriveau, General Manager for ABB's Measurement & Analytics division, Canada. "We aim to improve global space surveillance capabilities by enhancing the performance and capabilities of space-based systems. This work underscores our commitment to innovation and collaboration in space technologies."

"We have found in ABB a trusted partner with whom we share ambitions and values," said Nicolas Multon, CEO of HEMERIA. "Together, we will explore the development of innovative technology in the low earth orbit SSA segment that will advance the monitoring of space."

As the number of satellites and space missions rises, ensuring the safety and sustainability of Earth's orbital environment has become a global priority. Space situational awareness, the ability to monitor, track, and predict the behavior of objects in space, is essential to preventing collisions and managing the growing threat of orbital debris.

ABB is a global technology leader in electrification and automation, enabling a more sustainable and resource-efficient future. By connecting its engineering and digitalization expertise, ABB helps industries run at high performance, while becoming more efficient, productive and sustainable so they outperform. At ABB, we call this 'Engineered to Outrun'. The company has over 140 years of history and around 110,000 employees worldwide. ABB's shares are listed on the SIX Swiss Exchange (ABBN) and Nasdaq Stockholm (ABB). www.abb.com

ABB's Process Automation business automates, electrifies and digitalizes industrial operations that address a wide range of essential needs – from supplying energy, water and materials, to producing goods and transporting them to market. With its ~20,000 employees, leading technology and service expertise, ABB Process Automation helps process, hybrid and maritime industries outrun – leaner and cleaner. go.abb/processautomation

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