

Dassault Systèmes' 3DEXPERIENCE Platform Empowers Paladin Space's Mission in Advancing Cleaner and More Sustainable Space Innovation

- **Paladin will develop its flagship satellite for debris removal and in-orbit servicing with Dassault Systèmes' 3DEXPERIENCE platform**
- **Three-year roadmap from prototype to commercial rollout aims to tackle space debris and make future operations safer and more efficient**
- **A milestone agreement that advances Australia's ambitions to build sovereign space capabilities through local advanced manufacturing firms.**

[Dassault Systèmes](#) (Euronext Paris: FR0014003TT8, DSY.PA) today announced that Paladin Space, an Adelaide-based startup, is accelerating the development of advanced space sustainability solutions with Dassault Systèmes' 3DEXPERIENCE platform and global expertise in digital transformation. Dassault Systèmes supports Paladin's mission of creating reusable robotic systems and artificial intelligence (AI) for capturing and removing space debris.

Paladin's flagship satellite, Triton, is purpose-built for in-orbit servicing, space debris removal, and inspection missions to address sustainability challenges in the space industry. Unlike traditional satellite projects, Triton is designed to extend the lifespan of space assets, enable responsible de-orbiting, and reduce launch costs through mid-life repairs and inspections.

The 3DEXPERIENCE platform serves as Paladin Space's digital launchpad, enabling more efficient and precise mission development. Deployed on the cloud, it offers Paladin the scalability, flexibility, and ease of access that startups need to accelerate innovation without the burden of IT infrastructure. This cloud-native approach supports rapid iteration on complex designs, simulates high-risk orbital environments with confidence, and manages workflows in one collaborative environment. This end-to-end integration removes data silos and accelerates mission-critical decisions.

"Space sustainability is one of the defining challenges of our time, and Triton represents a bold step forward. The 3DEXPERIENCE platform is the foundation of our design and testing process, enabling us to make better decisions faster and scale our capabilities as we grow. We look forward to building on our technical partnership with Dassault Systèmes to develop scalable, data-driven solutions that extend the operational life of spacecraft while minimizing orbital debris," said Harrison Box, Chief Executive Officer, Paladin Space.

Over the next three years, Dassault Systèmes will remain a core enabler of Paladin Space journey, as the latter embarks on a global prototype showcase by end 2025, followed by an in-orbit demonstration and full commercial rollout in 2027.

“Paladin Space demonstrates how digital platforms can unlock new frontiers in sustainable innovation. We share the same commitment to building a cleaner, safer, and more sustainable space environment, combining advanced digital capabilities with visionary thinking to transform innovative concepts into mission-ready solutions faster. We look toward to supporting responsible space operations that will benefit generations to come,” said Samson Khaou, Executive Vice President, Asia-Pacific, Dassault Systèmes.

This marks Dassault Systèmes’ first Australian commercial space customer in Australia, underscoring its expanding role in enabling sustainable innovation for the next generation of space technology leaders. Dassault Systèmes’ solutions are already extensively used in the space industry. Dassault Systèmes’ also partners with MEMKO to support the the University of Southern Queensland’s (UniSQ) iLAUNCH Trailblazer program by providing virtual twin technologies to participants researching the manufacture and maintenance of spacecraft.

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FOR MORE INFORMATION

Dassault Systèmes’ 3DEXPERIENCE platform, 3D design software, 3D Digital Mock Up and Product Lifecycle Management (PLM) solutions: <http://www.3ds.com>

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Dassault Systèmes is a catalyst for human progress. Since 1981, the company has pioneered virtual worlds to improve real life for consumers, patients and citizens. With Dassault Systèmes’ 3DEXPERIENCE platform, 370,000 customers of all sizes, in all industries, can collaborate, imagine and create sustainable innovations that drive meaningful impact. For more information, visit: www.3ds.com

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