



Space Machines Company and Reaction Dynamics Sign MOU to Combine Responsive Launch with In-Orbit Servicing

SYDNEY, AUSTRALIA - 1 October, 2025 — Space Machines Company (SMC) and Canadian launch company Reaction Dynamics have signed a Memorandum of Understanding to explore collaborative opportunities combining responsive launch with in-orbit inspection and servicing capabilities.

The announcement was made at the International Astronautical Congress (IAC) 2025 in Sydney, in the presence of Lisa Campbell, President of the Canadian Space Agency, and Enrico Palermo, Head of the Australian Space Agency.

The partnership establishes a foundation for Australia-Canada space cooperation, with the aim of delivering unprecedented responsiveness for national security, civilian and commercial customers across both nations. The collaboration targets a 72-hour constellation recovery capability: where satellite malfunction today typically results in months or years of downtime, the combined offering would enable inspection, verification and support within days, reducing time to revenue and constellation maintenance costs.

"By linking Canadian launch services with Australian orbital servicing, we are demonstrating how allied nations can deliver resilient, sovereign space infrastructure," said Rajat Kulshrestha, CEO and Co-Founder of Space Machines Company.

"This is about more than just launch or inspection — it is about building the foundation of a truly responsive space economy," said Bachar Elzein, CEO of Reaction Dynamics.

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About Space Machines Company

Space Machines Company (SMC) delivers space superiority and security through rapidly deployable, low-cost orbital response systems that protect the critical infrastructure democratic nations depend on. Founded in Australia with operations across the US, UK, and India, we are a trusted strategic partner across the Indo-Pacific and beyond. Our integrated system spans the full response spectrum, from detection and threat analysis through to coordinated on-orbit action, powered by the Optimus Viper spacecraft and AI-driven Solstice OS platform.