



Saber Astronautics

Australia · founded 2008 · saberastro.com

4

PRODUCTS

3

SERVICES

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as of 20 August 2026

Saber Astronautics

Saber Astronautics is a space engineering company founded in 2008, providing spaceflight operations services and software for launch vehicles, spacecraft, and payloads from inception to deorbit. The company operates a binational network of Responsive Space Operations Centers and laboratories, including mission control centers in Boulder, Colorado and Adelaide, Australia, a space R&D laboratory and the Wolfpack Space Hub incubator in Sydney, and a US Department of Defense integration team based at Catalyst Campus in Colorado Springs. Saber specializes in mission design, pre-flight integration, and machine-learning-based spacecraft diagnostics, alongside flagship software products for space domain awareness and mission control, including Space Cockpit, PIGI, and MDAT, plus its 24/7 Responsive Space Operations Center service. The company is a trusted supplier to government customers including NASA, the US Space Force, Australian Defence, and the Australian Space Agency, alongside a growing list of commercial customers. Its history includes numerous defense contracts, operation of the official Australian Mission Control Centre at Lot Fourteen in Adelaide, opened in 2021, deployment of its Space Cockpit flight software to the US Space Force, and a satellite-operations marketplace that has onboarded partners such as ATLAS Space Operations, RBC Signals, Infostellar, and Cloudstone.

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SERVICES

Services

Follow-the-sun operations

Saber provides continuous spacecraft operations from its Responsive Space Operations Centers, offering night-shift services or full turn-key outsourced operations.

Mission operations and integrated space traffic management

Saber provides continuous mission operations and integrated space traffic management services from its Responsive Space Operations Centers in the US and Australia.

Outsourced operations (turn-key)

Saber offers complete turn-key outsourced operations for spacecraft, including advanced software and ground station network access.

Product catalogue



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MDAT (Mission Design and Analysis Toolkit)

Mission design suite including Mission Forge, report generation, an API, and dashboards for spacecraft and orbit design.

Components	Mission Forge, Report Generation, Mission Design API, Dashboards
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Platform	Cross-platform, browser-based, built on AWS
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price on request



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PIGI (Predictive Interactive Ground-station Interface)

Web-based 3D mission control software scaling from a single spacecraft to full constellations.

Deployment options	Cloud (elastic scale, zero-touch updates) or on-premises (air-gapped/sovereign/classified)
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Scale	Single spacecraft to full constellations
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Features	Subsystem/payload monitoring and control, performance analysis and reporting, maneuver pre
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price on request



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RSOC (Responsive Space Operations Centre)

The RSOC provides 24/7 mission operations and integrated space traffic management services from facilities in the United States and Australia.

Operations model	24/7, follow-the-sun, US and Australia
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Scope	Tens of thousands of tracked objects, hundreds of thousands of untracked objects
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price on request



SABER ASTRONAUTICS

Space Cockpit

Space Cockpit is an easy-to-use software tool that provides operators with critical context and information for rapid and accurate decision-making in space control.

Deployment	Platform One, DevSecOps
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Certification	Current Certificate to Field (CtF)
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Classification levels	Deployable to Top-Secret and Secret
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price on request

Contact Saber Astronautics

Open the company profile on NewSpace Market to see full specifications and datasheets, and to send a request for quotation that reaches the manufacturer directly.

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<https://www.saberastro.com>

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