

NEWSPACE MARKET · COMPANY PROFILE



MISSION CONTROL™

Mission Control Space Services

Canada · founded 2015 · missioncontrolspace.com

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WITH DATASHEETS

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as of 20 August 2026



Mission Control Space Services

Mission Control Space Services is an Ottawa, Ontario-based space software company founded in 2015 by Ewan Reid, a former NASA Johnson Space Center mission controller and Canadian Space Agency rover subsystem design lead. The company's stated mission is to make modern software, including artificial intelligence, viable for use in space, so that distributed teams of scientists, engineers, mission operators and students can operate robots, payloads and spacecraft across Earth, the Moon, Mars and beyond. Mission Control's flagship product is Spacefarer, a web-based mission operations platform for commanding and monitoring remote assets, and Spacefarer AI, a toolkit for building, deploying and visualizing onboard AI models on spaceflight and robotic hardware. The company says it was the first in the world to deploy deep learning AI in lunar orbit, and its AI models (including the MoonNet lunar surface classifier) have flown on Earth-orbit and lunar surface missions. Mission Control also designs Lunar Radios, flight-tested wireless communication and edge-computing modules used to link lunar landers and rovers during surface operations. The company operates an 8,200 sq ft facility in Ottawa that includes an Orbital Autonomy Lab and the Moonyard, a roughly 4,000 sq ft lunar-analogue terrain facility used for rover testing and mission rehearsal, and also runs the free Rover Driving Academy STEM outreach program for grades 6-9 students in partnership with MDA Space and the Canadian Space Agency. Mission Control has worked with organizations including NASA, the Canadian Space Agency, ESA, Honeywell Aerospace, MDA Space, ispace, and Canada's Department of National Defence, and registered with Canada's Controlled Goods Program in 2021.

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SERVICES

Services

AI Deployment for Spaceflight

Mission Control is developing solutions to streamline the deployment and ensure the trustworthiness of AI for spaceflight applications.

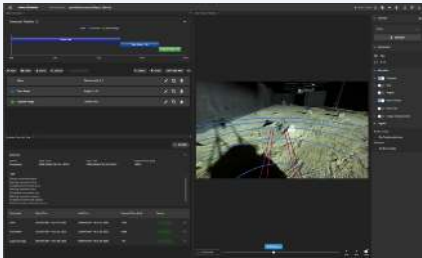
Mission Operations User Experience Optimization

Mission Control focuses on enhancing the user experience for mission operations, making them more enjoyable and user-friendly while streamlining processes for better outcomes.

Software Development for Space Missions

Mission Control provides innovative software development services, from prototyping to flight, to make modern software and AI viable for use in space.

Product catalogue

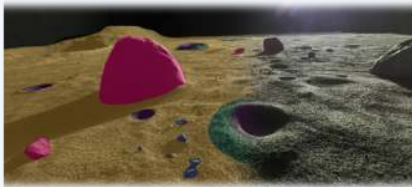


MISSION CONTROL SPACE SERVICES

Spacefarer

Spacefarer is a mission operations software platform designed to command and monitor remote assets, offering web-based user interfaces for real-time control, command sequencing, an

price on request



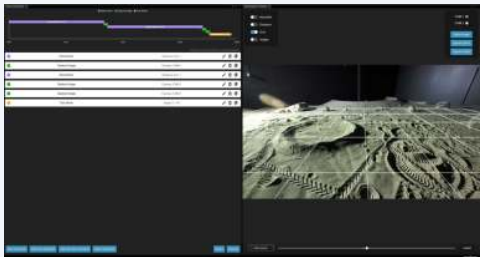
MISSION CONTROL SPACE SERVICES

Spacefarer AI

AI autonomy software layer for spaceflight — streamlines how artificial intelligence is deployed and trusted for on-board decision-making on robotic and surface systems.

Function	On-board AI autonomy for spaceflight
Target use cases	Delayed/limited-communication autonomous operations
Relationship to Spacefarer	Autonomy extension of the core Spacefarer platform

price on request



MISSION CONTROL SPACE SERVICES

Spacefarer Mission Operations Platform

Ready-to-use, customizable mission operations software platform allowing distributed teams to remotely operate robots, payloads, and surface systems — full lifecycle from prototypi

Lifecycle coverage	Prototyping through flight operations
Application domains	Surface Systems, Satellite Systems, Human Exploration
Target platforms	Robots, payloads, rovers, orbital assets
Deployment model	Ready-to-use and customizable

price on request



MISSION CONTROL SPACE SERVICES

Spacefarer Platform

Spacefarer is a software platform designed to enable distributed teams to remotely operate robots, payloads, and other assets in space missions, including Earth, Moon, and Mars.

Application	Commercial lunar rover mission communications
Status	Delivered — mission-critical use
Product category	Surface Systems / Infrastructure

price on request datasheet

Contact Mission Control Space Services

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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