Supporting ISRU Missions Through Mission Control Software

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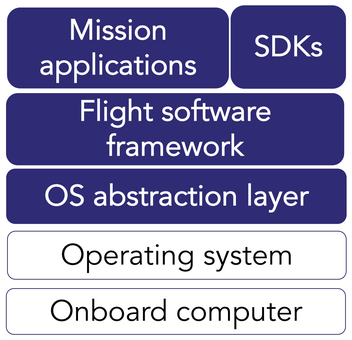
1 What is Mission Control Software?

Mission Control Software (MCS) is an end-to-end solution for space (and analogue) missions and payloads. MCS is comprised of space and ground segment software:

Flight Software Stack

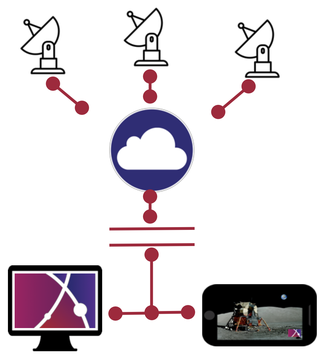


Customizations

Portable development environment

3rd party OBCs

Mission Control-as-a-Service



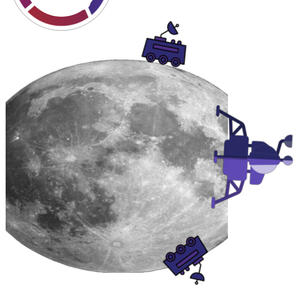
3rd party ground stations

Cloud applications

Open API

Mission operations applications

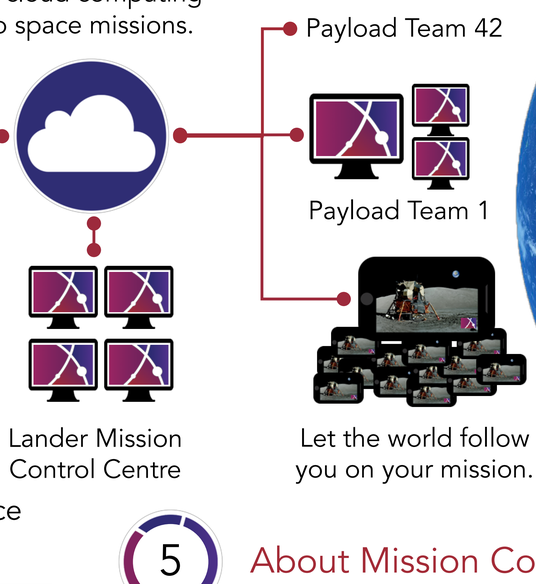
2 Fly me to the Moon: How MCS is used in lunar missions



Your Mission. Your Control.
Remote Operations, Anytime, Anywhere, Anyone.
Scalable To Unlimited Users and Platforms
On-Demand Access to Software Tools

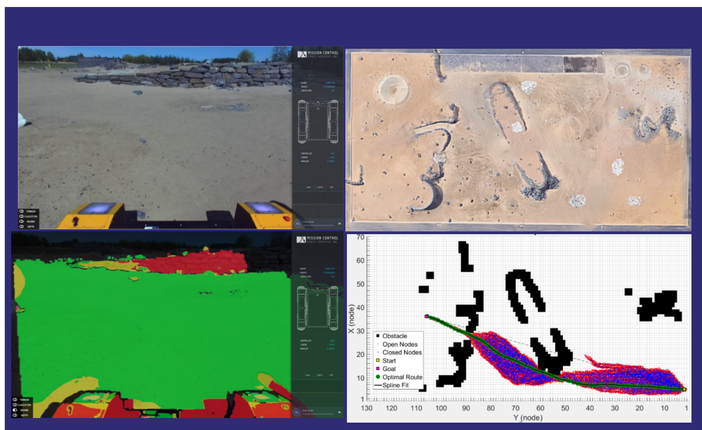
MCS builds off cloud-connected ground station services so you don't have to build it yourself.

We bring the power of cloud computing to space missions.



3 Planetary Science and ISRU MCS Applications

MCS has been tested by hundreds of users in robotic Moon and Mars analogue missions all around the world, since 2015. It has been used to:



Enable AI-driven exploration

Operate robots remotely in extreme environments

Inspire the next generation to study STEM

Prepare science operations for future missions

4 Using MCS on your next mission

Are you flying to the Moon on a commercial lander? Or proposing to under a privately or publicly funded opportunity? Contact us to find out how our **MCS – Lunar Payloads** product bundle can help you.

Not ready to fly yet? Use MCS in analogue missions like many of our customers. Our **MCS– Developer Edition** is ideally suited to support your academic research or technology development programs. MCS is currently being used on NASA PSTAR and CSA FAST funded analogue missions.

5 About Mission Control

Mission Control is a proudly Canadian company. We are passionate about writing great software to help make space accessible to everybody, and inspiring the next space generation through our technology.

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