What’s The Problem?
Planetary exploration is going commercial.

The rise of lunar platforms is opening the door to an abundance of missions. Each lander may host several unrelated payloads and payload operators are distributed around the world. Operations need to be efficient, distributed, scalable, and is not feasible in the current one-off mega-mission paradigm.

Why Should You Care?
As a payload operator or investigator on a science instrument team on a government mission, your supporting space agency took care of ground operations. Software was custom-built and user operability constrained.

As commercial operators of lunar missions begin to take flight, your needs as a PI or operator will likely change. We want to make sure that your experience is as productive and smooth as possible, and this means offering online and real-time access to data and command capabilities to your geographically distributed team, via a set of modern and user-friendly web interfaces.

What is Mission Control Software?
Mission Control Software is a cloud-based software framework for distributed operation of spacecraft payloads. It is capable of connecting unlimited users globally and securely, meeting low latency and high bandwidth requirements. A LAN deployment is offered for internet-restricted applications.

Cloud connectivity allows your operations team to leverage operations tools such as Graphical User Interfaces and data analytics algorithms on demand and at scale to streamline your mission operations.

Terrestrial Applications
Not ready to fly to the Moon yet? Our software has been used by teams in Moon and Mars analogue environments all around the world, since 2015. From our education and outreach program Mission Control Academy -- which allows classrooms anywhere in the world to remotely operate our rover as if it was on Mars -- to our latest analogue field campaign in partnership with Texas A&M and funded by NASA, our software has been continuously tried, tested, and improved thanks to hundreds of users on four different continents.

Leverage Our Expertise
At Mission Control, we are leading the way towards a modern and more productive mission operations experience. We are eager and ready to provide you with the services and support you’ll need to make your mission a success. Our Mission Control Software, mission operations expertise, and onboard autonomy capabilities will help to make your payload, your team, and your mission flow as smoothly as pahoehoe – from your Lidar in a lunar lava tube, to your home office in Hawaii, or anywhere in between.

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.

With every new social media engagement we get, a new planetary system is born. Follow us.. For science!