

SOFTWARE Mission Control Software

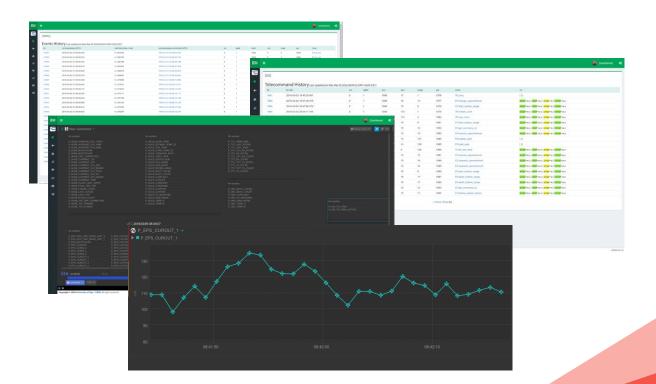
GENERAL DESCRIPTION

Alén Space's **Mission Control Software (MCS)** is designed in a flexible and modular way to ease extensibility and integration with third-party tools which the mission may require. Like the OBSW, it is also based on the **ESA Packet Utilization Standard (PUS)**.

The main interface provided is completely decoupled from the **ground segment** server, which results in several advantages. **Multiple front-ends can work in parallel** performing different duties, and automation is simplified.

MAIN FEATURES

- Telemetry packets reception, decoding and storage
- Software **API** to access stored telemetry with third-party provided software tools
- Telecommand sequences management and execution
- Web-based user interface for real-time operation and telemetry visualization



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