

JAOPS

JAOPS

Japan · founded 2023 · jaops.com

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JAOPS

JAOPS Inc. is a Tokyo-based spacecraft operations company founded in 2023 by Alejandro Sela (Co-Founder & CEO) and Louis Burtz (Co-Founder & Space Robotics Engineer). Guided by the principle "Never Fly Alone," JAOPS provides turnkey mission control infrastructure, ground segment solutions, and operations-as-a-service for satellites, lunar rovers, and other spacecraft systems. The founding team brings over 20 years of combined experience in space operations software development, having deployed mission control centers globally and operated missions ranging from ISS support to lunar landers. JAOPS offers an integrated suite of services built on open-source tools (Yamcs, Grafana, GMAT, Omniverse) enhanced by proprietary interfaces and automation layers, enabling faster time-to-flight and lower operational costs. JAOPS serves the full spectrum of space missions including Earth observation, navigation/communications satellites, lunar infrastructure, on-orbit servicing, and human spaceflight support. The company is listed in the JAXA Japanese Space Industry Catalog and has demonstrated mission control capability for lunar rovers, including acquiring imagery from the Yaoki rover on the Moon's surface.

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SERVICES

Services

Early Phases Consulting

JAOPS provides expert consulting during early development phases to integrate system engineering best practices and operational requirements, improving schedules and reducing costs.

Mission Operations Design, Tools, Training and Support

JAOPS offers modern solutions and support for mission operations, including design, tools, training, data processing, mission planning, anomaly resolution, and real-time mission control.

Operational Review

JAOPS participates in various review phases (PDR, CDR, TRR, ORR) as external reviewers to integrate operational requirements and improvements into customer products.

OPS Certification

JAOPS offers a certification program to demonstrate and solidify operational expertise through practical, hands-on experience taught by experts.

Turnkey Mission Control Centers

JAOPS designs, develops, and delivers ready-to-use, flight-proven Mission Control Centers tailored to customer needs in a short timeframe.

Product catalogue



JAOPS

JAOPS Satellite Data Analytics Platform

Integrated mission data processing and analytics platform built on Yamcs with real-time telemetry, anomaly detection, and cloud archiving.

Core framework	Yamcs (open-source) + JAOPS Yamcs Gateway
Supported protocols	R0S2, CANopen, CAN-TS; planned: RS422, SpaceWire, Milbus
Data storage	Cloud-based unified mission database
Visualization	Custom display development (Grafana integration)
Automation	Procedure scripting and API-driven test automation
Alarm systems	Automatic anomaly detection and alerting
Simulation integration	Software-in-the-Loop (SIL) block creation

price on request



JAOPS

Japanese Spacecraft Operations Services

End-to-end spacecraft operations-as-a-service for LEO, lunar, and deep space missions, including 24/7 mission control, operator training, and simulation.

Service model	Operations-as-a-Service (OaaS)
Operational coverage	24/7 mission control and monitoring
Mission types	LEO satellites, lunar rovers, ISS payloads
Onboarding duration	~6 months (MCC setup + training + simulation)
Infrastructure savings	Up to 91% vs. in-house
Tooling savings	Up to 83% vs. in-house
Personnel savings	Up to 44% vs. in-house

price on request

Contact JAOPS

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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