



# HORIZON™

## COMMAND & CONTROL SOFTWARE

Horizon command and control software manages and integrates the ground and space vehicles to execute payload objectives. Its versatile open APIs and SDKs make it easy to manage various manufacturers' buses and to upload customized mission parameters. Available for use for small, medium and large constellations, Horizon's modular architecture, delivers mission-critical capability at value-based pricing.

### USE CASES

Hosted payloads

Ground hardware

Formation flying

Non-space applications  
(drones)

Deep space exploration

### COMPONENTS

#### Cloud Enabled

- Containerized executables
- Continuous deployment
- Elastic scaling

#### Flexible Architecture

- Build on XTCE and CCSDS C2 and telemetry standards
- Extendable to any satellite bus
- Adaptable to any mission planner
- Python based scripting support

#### Lights-out Operation

- Semi-to-full autonomous operations mode
- Operator on-the-loop notification

### KEY FEATURES

- Command generation and transmission
- Alarm processing
- Scalable web architecture
- Telemetry processing
- Storage and analytics
- Automated schedule execution
- Simulators for testing
- Intuitive user displays and customization
- Real-time dependency-based execution