

OPERATIONAL ORBIT OFFERING · RAPID ENGAGEMENT

OPERATIONAL ORBIT ANALYSIS SPRINT

30-45 DAY STUDY · ORBIT TRADE STUDIES · DECISION-SUPPORT ANALYSIS

Coorbital delivers **rapid orbit trade studies and decision-support analysis** for mobility, ProxOps, surveillance, relay, and PNT mission threads, including cislunar architectures. The sprint compares established and nontraditional orbit options with coverage, access, geometry, and maneuver analysis - **ready for prime integration or government program office use within 30-45 days.**

OPERATIONAL ORBIT CONCEPT VISUALIZATION
Mobility · surveillance · relay · cislunar mission threads

ORBIT ANALYSIS

COORBITAL ANALYTICS

OPERATIONAL ORBIT SPRINT PACKAGE

ONE MISSION THREAD

30-45 DAY POP

TRADE STUDY

TECH MEMO

BRIEFING

VISUALIZATION

SCOPE OF WORK

- 01 **Mission objectives and operational use-case definition** for the selected mission thread
- 02 **Orbit architecture trade study** across established and nontraditional options
- 03 **Coverage, access, and geometry analysis** for surveillance, relay, and PNT mission needs
- 04 **Maneuver corridor and staging-option evaluation** for operational planning

DELIVERABLES

- Technical Memo
- Trade Matrix w/ Eval Criteria
- Orbit Geometry & Trajectory Analysis
- Briefing Package
- Mission Visualizations
- Sprint Closeout Brief

OPERATIONAL ORBIT TRADE CAPABILITIES

SPACE MOBILITY

MANEUVERABILITY

SURVEILLANCE ENHANCEMENT

ORBITAL WARFARE SUPPORT

RPO / CPO / ZPO

PROXOPS GEOMETRY

MANEUVER CORRIDORS

STAGING OPTIONS

RELAY & PNT

CISLUNAR ARCHITECTURES

BEST-FIT SYD 89 MISSION AREAS

SPACE MOBILITY	Maneuver, persistence, staging, and access analysis
SURVEILLANCE ENHANCEMENT	Coverage, geometry, and tracking trade studies
ORBITAL WARFARE SUPPORT	Operational orbit architecture trade support
RPO / CPO / ZPO	Corridor, geometry, and maneuver option evaluation
RELAY & PNT	Access, geometry, and architecture support for relay and positioning mission threads

WHY COORBITAL

BACKEND FIRST

Backend-first delivery and clean interfaces for easy software integration.

CISLUNAR DEPTH

Specialized cislunar and maneuver analysis for nontraditional orbit architectures.

DECISION QUALITY

Focused analytic support that turns orbit options into defensible trade decisions.



READY TO ENGAGE IN 30 DAYS

Operational orbit analysis sprint packages available to primes, SIEs, and government program offices. Scalable scope on request.

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