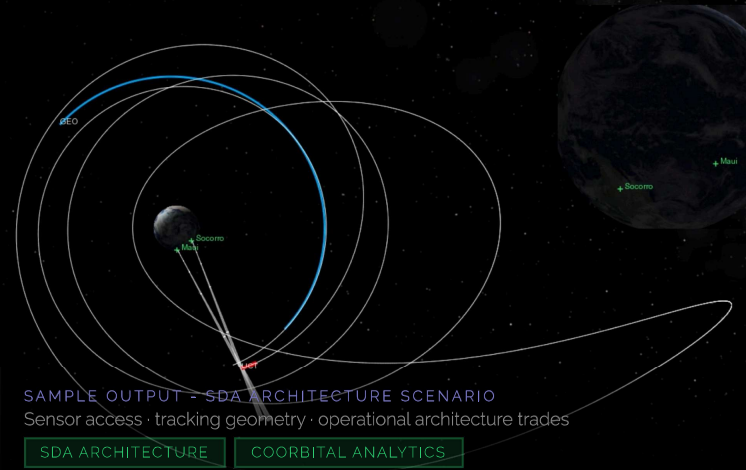


ANALYTIC SPRINT OFFERING · RAPID ENGAGEMENT

SDA ARCHITECTURE ANALYSIS SPRINT

30-45 DAY STUDY · SDA ARCHITECTURE · DECISION-QUALITY ANALYSIS

Coorbital delivers **rapid architecture trade studies and mission-analysis support** for SDA mission threads, including coverage, tasking, tracking, and operational trade studies. Our physics-based backend supports sensor architecture and orbit trades with coverage, access, tracking-persistence, and scenario analysis - **ready for prime integration or government program office use within 30-45 days.**



SDA SPRINT PACKAGE

1 MISSION THREAD

30-45 DAY POP

TRADE STUDY

TECH MEMO

BRIEFING PACKAGE

VISUALIZATIONS

SCOPE OF WORK

- 01 **SDA mission objectives** and operational use-case definition
- 02 **Sensor architecture and orbit trade studies** across candidate SDA mission threads
- 03 **Coverage, access, and tracking-persistence analysis** for surveillance, tasking, and operational assessment
- 04 **Scenario trade studies** structured for decision-quality architecture evaluation

DELIVERABLES

- Technical Memo
- Trade Matrix w/ Eval Criteria
- Coverage & Tracking Analysis
- Briefing Package
- Mission Visualizations
- Scenario Trade Study

SDA ARCHITECTURE ANALYSIS CAPABILITIES

SPACE SURVEILLANCE ENHANCEMENT

SENSOR ARCHITECTURE

COVERAGE & ACCESS

TRACKING PERSISTENCE

TASKING & COLLECTION

ORBITAL WARFARE SUPPORT

SPACE MOBILITY

RPO / CPO / ZPO

CISLUNAR / GEO / MEO / LEO

BEST-FIT MISSION AREAS

SPACE SURVEILLANCE ENHANCEMENT	Coverage, geometry, and tracking-persistence trade studies
ORBITAL WARFARE SUPPORT	Decision-support products for operational SDA architecture assessment
SPACE MOBILITY & MANEUVERABILITY	Sensor access, persistence, and maneuver-support analysis
RPO / CPO / ZPO	Evaluations for proximity operations
ARCHITECTURE ASSESSMENT	Scenario trades for tasking, tracking, and operational use cases

WHY COORBITAL

PHYSICS-BASED BACKEND

Physics-based SDA architecture analysis supporting decision-quality trade studies.

LOW INTEGRATION BURDEN

Delivered as structured packages ready for prime or government office consumption from day one.

SPECIALIZED SDA DEPTH

Specialized SDA and astrodynamics analysis depth across coverage, access, tracking, and maneuver trades.



READY TO ENGAGE IN 30 DAYS

SDA architecture sprint packages available to primes, SIEs, and government program offices. Scalable scope on request.

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