

SPACE ARMOUR

SOVEREIGN AGENTIC AI INFRASTRUCTURE FOR
AUTONOMOUS SYSTEMS

ENGINEERED FOR SPACE. TRUSTED FOR MISSION-CRITICAL ENVIRONMENTS.



INTELLIGENCE



VERIFIABILITY



SECURITY



INCEPTION
PROGRAM



➤ [Featured in a Case Study by Google Cloud](#)

THE NEXT GENERATION OF SPACE SYSTEMS — SATELLITES, SPACE STATIONS, AND AUTONOMOUS INFRA — IS EVOLVING RAPIDLY AND FACES THREE KEY CHALLENGES



Massive data. But no onboard intelligence

Satellites and space assets generate high volumes of data but lack the ability to process or act on it in real time



Critical reliance on Earth

Ground-based processing creates critical latency, bandwidth dependency, and limits true autonomy



Lack of trusted operations

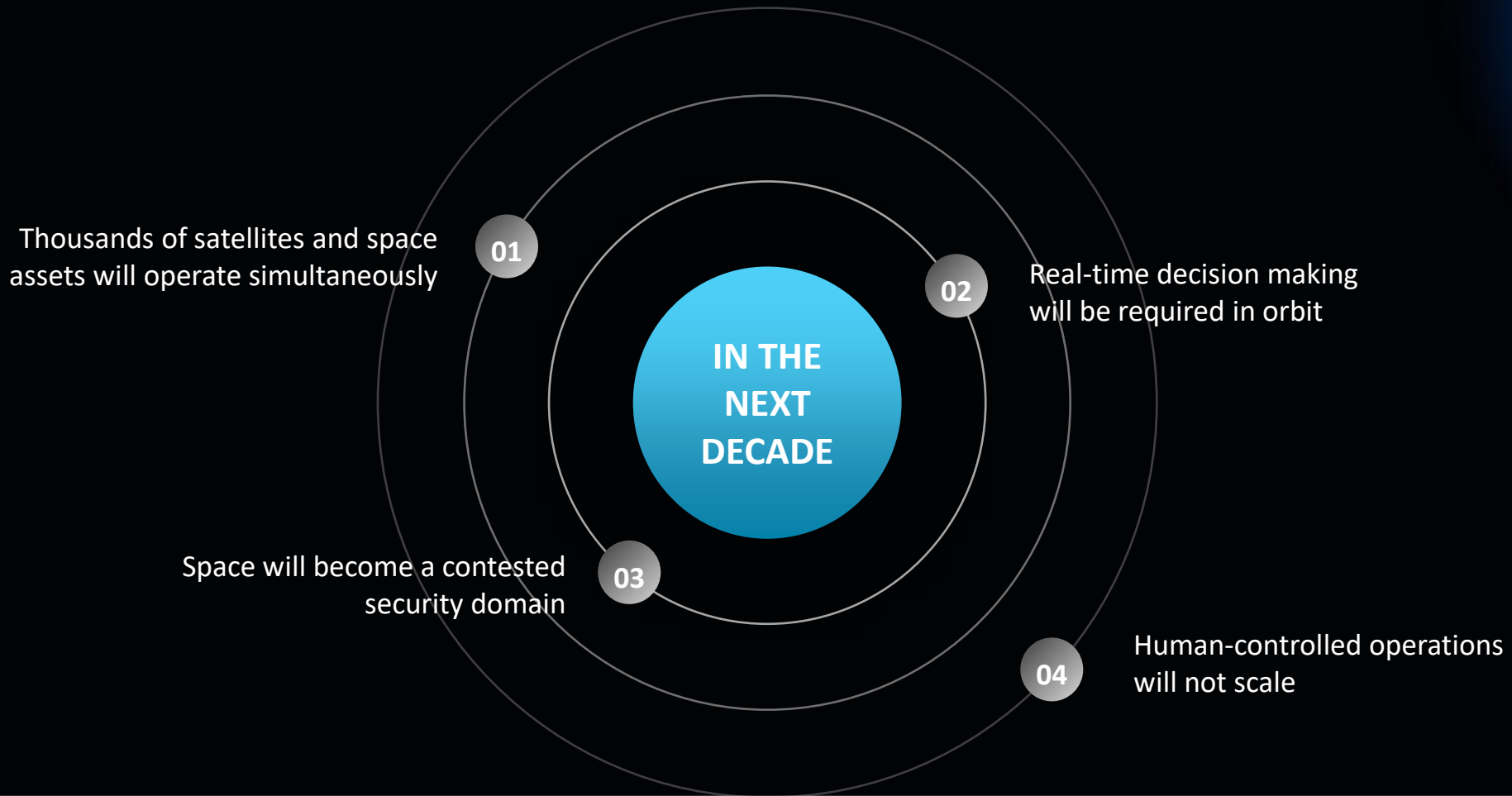
Space operations lack robust security, and in-orbit autonomous decisions have no verifiable trail



Consequences: Mission delays, latency and bandwidth costs, vulnerability to hostile actors

ORBIT IS FAST BECOMING OPERATIONAL INFRASTRUCTURE

The shift to autonomous operations is inevitable



TRUE AUTONOMOUS SYSTEMS — IN MISSION-CRITICAL ENVIRONMENTS — REQUIRE THREE KEY GUARANTEES

Today these exist in silos — no unified system
delivers all three

01



AGENTIC INTELLIGENCE

Real-time onboard reasoning and
decision-making

02



VERIFIABILITY

Cryptographically provable logging of
decisions and system behavior

03

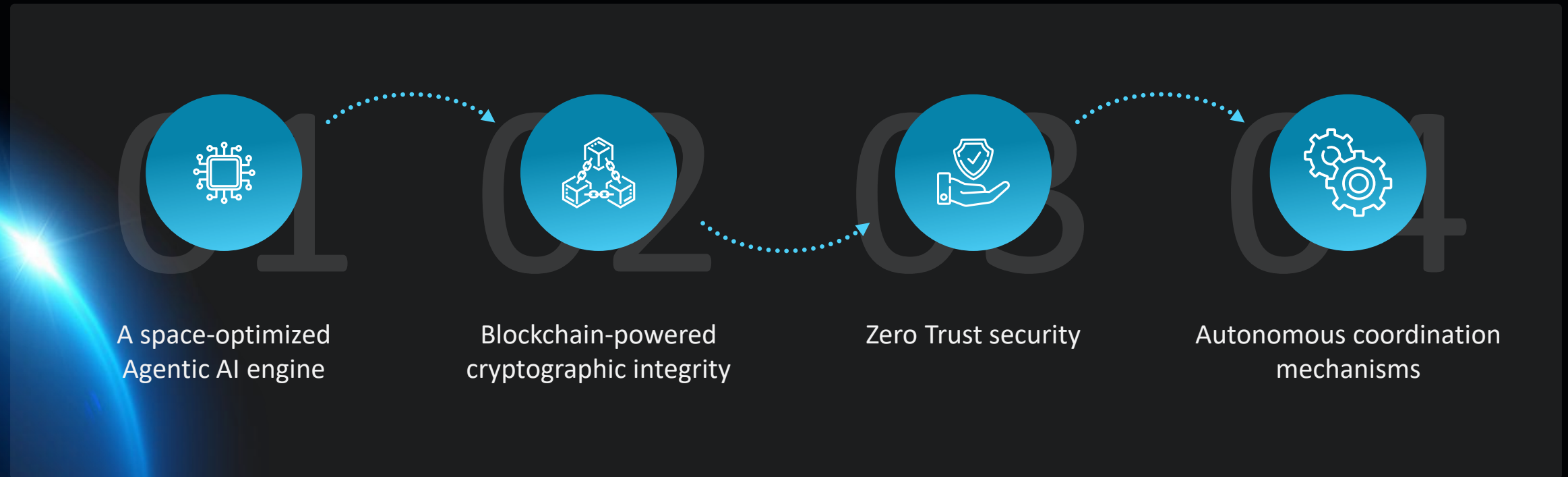


SECURE COORDINATION

Trusted, policy-governed coordination
between space and ground systems

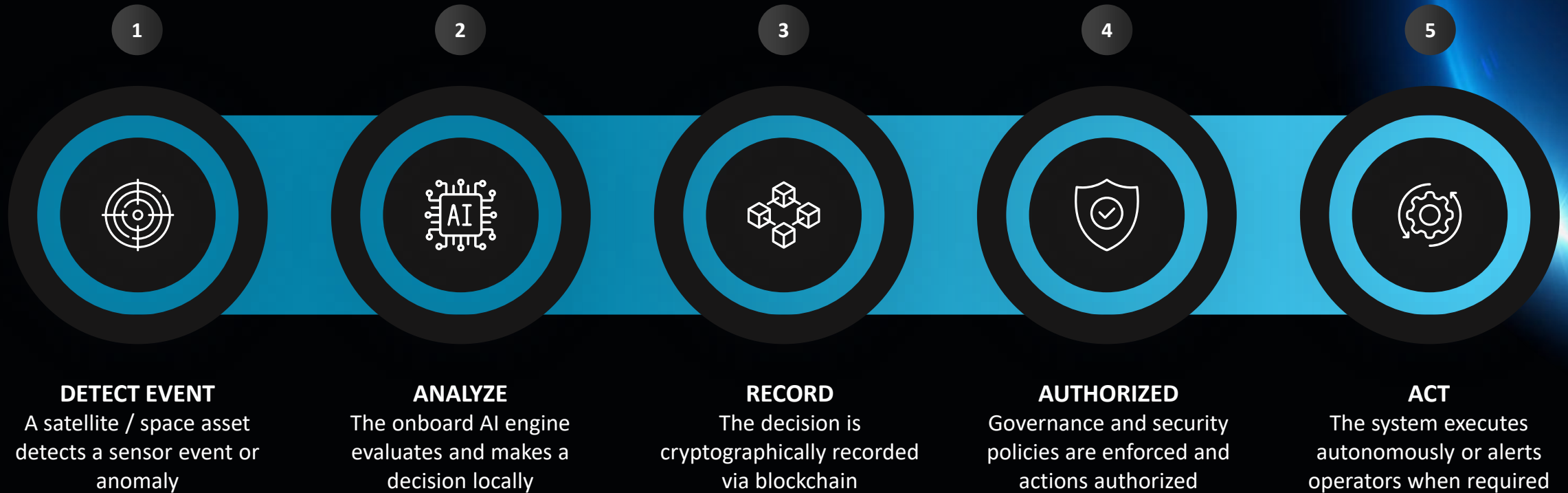
SPACE ARMOUR IS BUILDING THE CONTROL LAYER FOR AUTONOMOUS AI SYSTEMS — STARTING IN ORBIT

We unify:



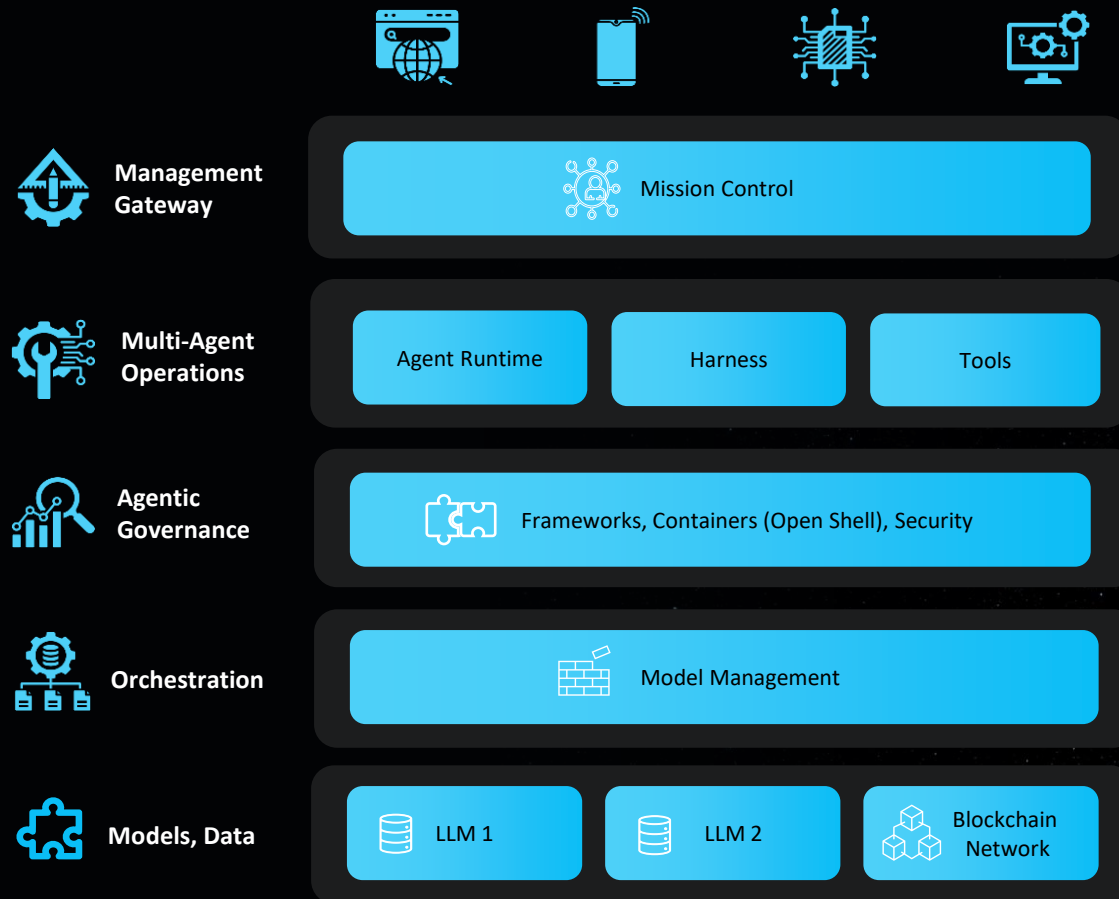
One integrated stack — engineered for space, trusted for mission-critical environments


HOW IT WORKS




Every action becomes autonomous, verifiable, and secure

The Agentic AI Stack for Space and Mission-Critical Edge Environments




NVIDIA Collaboration 

Inception Program member. Access to Agentic Frameworks, Deployment Blueprints, and Agent Intelligence Toolkits.

Open-Source Foundation 

Built on leading OSS including Ollama, OpenClaw, LangChain, and more. No vendor lock-in, ensuring maximum extensibility.

Enterprise Security 

Zero Trust ready, granular access controls, and comprehensive audit logging for regulated industries.

INITIAL FOCUS: MISSION-CRITICAL AUTONOMOUS SYSTEMS



Earth observation fleets

Autonomous real-time intelligence for dynamic Earth monitoring and disaster response



Constellation Operations

Cross-satellite fleet coordination, distributed mission execution, and verifiable operations logging



Orbital Security & Sovereign Infrastructure

Onboard threat detection, secure command and control, verifiable mission records



Private Space Stations

Joint innovation, collaboration, and delivery of integrated autonomous AI solutions from Orbital Data Centers



Low Latency



Verifiable Decisions



Secure Coordination

This is where autonomy becomes mandatory — not optional

DUAL-USE STRATEGY

Engineered for Space. Productized for Enterprise.

Space

The Ultimate Validation Environment

Extreme Constraints

Zero Tolerance for Failure

High Security Demands



Regulated
Enterprises



Critical
Infrastructure



Edge &
Autonomous
Networks



Defense &
Sovereign
Systems

SAME AGENTIC STACK. DIFFERENT ENVIRONMENTS.

Space Armour becomes a space-validated infrastructure platform for enterprise autonomous operations.

*AI Engine soon available via the Google Cloud Marketplace

BUSINESS MODEL: TWO COMPLEMENTARY LAYERS — INFRASTRUCTURE + AUTONOMOUS ACTIVITY

INFRASTRUCTURE DEPLOYMENT



Platform Licensing



Integration and configuration



Mission-specific implementations

AUTONOMOUS ACTIVITY LAYER (LONG-TERM)



Secure coordination services



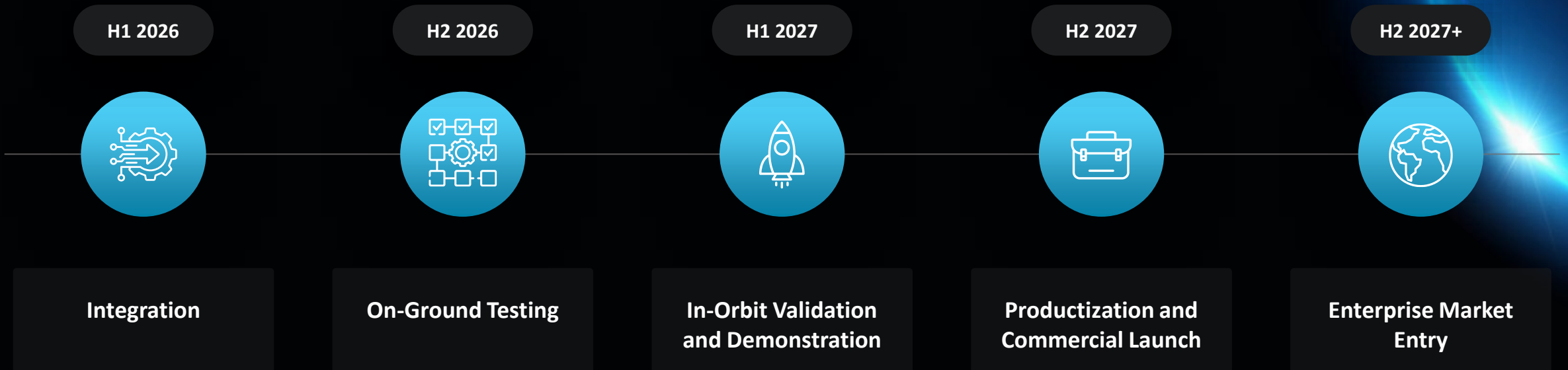
Machine-to-machine workflow execution



Extensible economic mechanisms

Infrastructure enables adoption. Autonomous activity enables scale

PATH TO IN-ORBIT VALIDATION AND COMMERCIAL LAUNCH



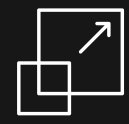
AUTONOMOUS SPACE SYSTEMS REQUIRE AUTONOMOUS INFRASTRUCTURE.



One integrated
autonomous
infrastructure stack



Built for mission-critical
orbital environments



Designed to scale
from orbit to
sovereign systems

Space Armour is building that AI infrastructure



REACH US

Join us as we empower secure, autonomous,
intelligent operations for the Space age

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