SPACE ARMOUR

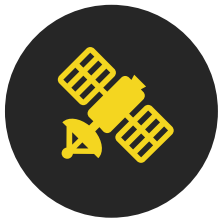
Delivering Autonomous, Intelligent Operations in Space

—with Cryptographic Trust and Zero Trust Cybersecurity

- Modular, integrated, space-optimized AI Engine
- Blockchain-enabled cryptographic timestamps and records
- Zero Trust based ultra-secure end-to-end communications

Confidential

The next generation of space systems—satellites, space stations, and autonomous infrastructure—is evolving rapidly and face three key challenges



Data overload with no onboard intelligence

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

Reliance on Earth

Ground-based processing creates 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

Space Armour is building the AI infrastructure layer for orbit—enabling intelligent, autonomous operations with cryptographic trust and embedded security

QXLI - Orbital AI Engine

A modular, integrated space-optimized AI system deployed on the NVIDIA Jetson Orin platform

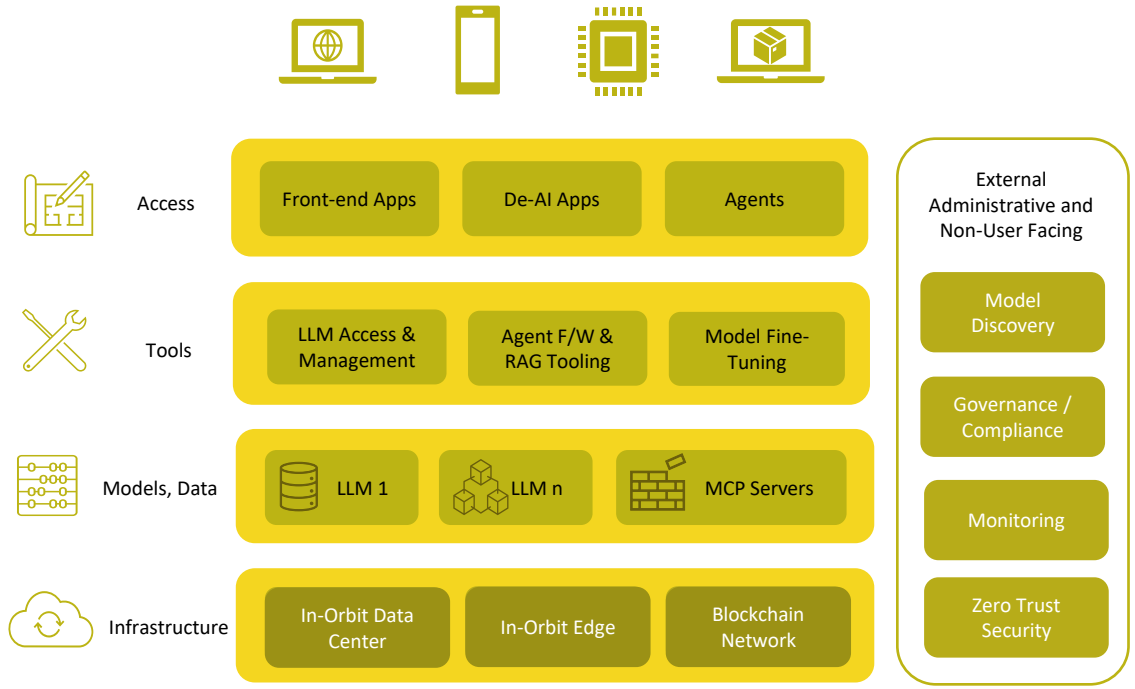
Onboard Blockchain Node

Co-deployed with the AI engine, it cryptographically timestamps and records AI inferences, decisions, and telemetry

Zero Trust Security Gateway

The Block Armour platform extended to secure space assets and enable ultra-secure end-to-end communications

The Platform uniquely integrates AI optimized for in-orbit operations with cryptographic trust and embedded security—engineered for real-world space deployment



❑ QXLI – In-Orbit AI Engine

- Executes advanced AI workloads onboard a satellite or space station
- Edge-deployable on NVIDIA Jetson Orin
- Modular, remotely upgradable, power-efficient

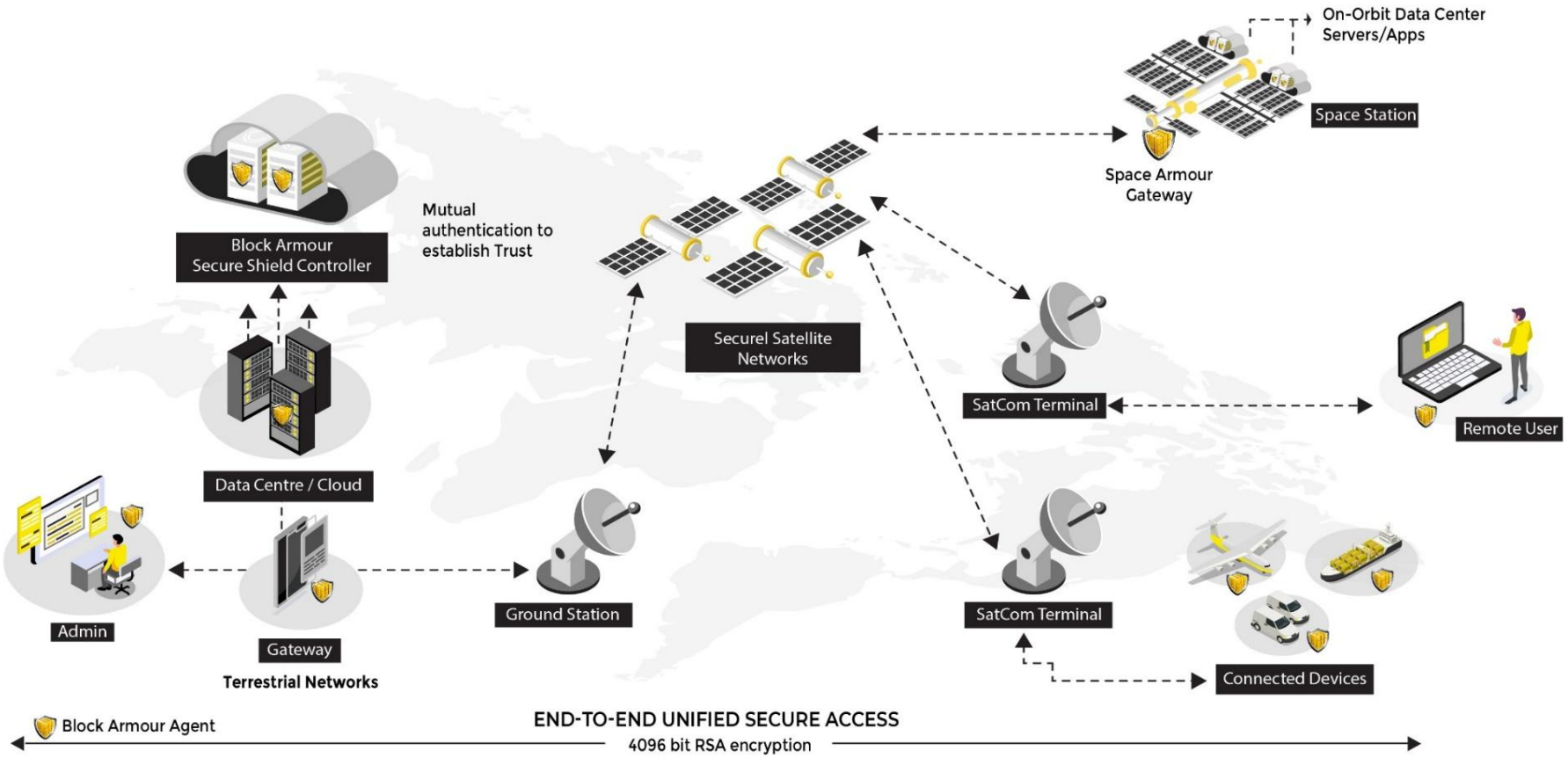
❑ Blockchain Node for Verifiable Operations

- Co-located with AI engine
- Cryptographically timestamps AI outputs, mission decisions, telemetry
- Tamper-evident, queryable audit trail—enabling provable autonomy

❑ Zero Trust Security Gateway

- Secures all space and ground assets
- Encrypts end-to-end communications
- Identity-based access enforcement

The solution extends Block Armour's award-winning platform to secure all assets and enable end-to-end, ultra-secure communication over commercial satellite networks



Our Business Model includes partnering with In-Orbit Infrastructure Operators as well as investor-aligned co-builders to jointly offer trusted, autonomous AI capabilities in Space

Business Model

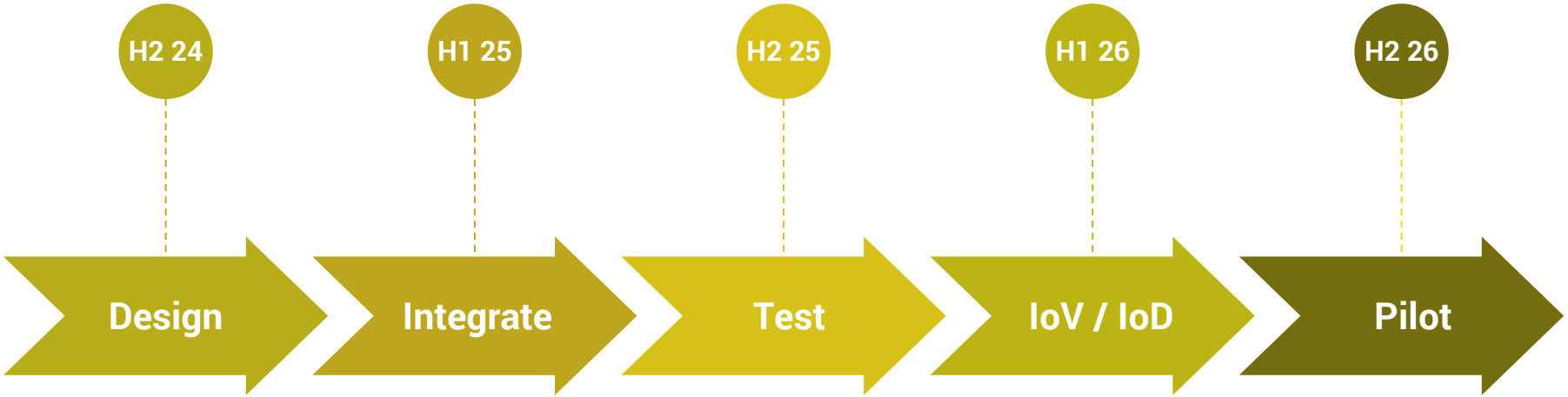
- ❑ **Secure AI-as-a-Service**
  - **Revenue:** Annual subscriptions
- ❑ **Platform Licensing**
  - **Revenue:** Upfront + Integration Fees
- ❑ **Custom Deployments & Mission Engineering**
  - **Revenue:** Project-Based

Strategic partnerships

- ❑ In-Orbit Infrastructure & Platform Providers
- ❑ Satellite OEMs & Integrators
- ❑ Cybersecurity & Blockchain Layer Partners
- ❑ Academic & Research Partners

According to a 2024 McKinsey report, the global space economy represents a $1.8 trillion growth opportunity, fueled by satellite data, AI, and in-orbit infrastructure

Our Next Steps: Raise seed capital, complete on-ground testing, forge strategic partnerships, and conduct in-orbit validation & pilots aboard a satellite or space station



- Design platform and system arch. with AI Engine + Blockchain Node + Zero Trust gateway
- Optimize for in-orbit operations

- Set up & configure Blockchain network
- Integrate AI engine, node, and Zero Trust gateway
- Deploy on Nvidia Jetson Orin

- On ground testing and fine-tuning of AI inference, logging, & security
- Partner with in-orbit infra providers
- Secure launch slot / ride share

- Launch integrated stack to orbit
- Monitor real-time AI inference, logging, and secure comms.
- Generate reports & tune performance

- Launch 'pilot' GtM
- Collaborate with partners to conduct on-board pilots
- Capture case study and performance metrics for scaling

Space Armour is an alumnus of the UK Space Agency's Accelerator Program, and a member of NVIDIA's Inception Program and the SSTL ecosystem

UK SPACE AGENCY ACCELERATOR

SSTL
Singapore Space & Technology Ltd

NVIDIA Inception Program

Enterprise Singapore

SELECT FLORIDA

Reach Us

Join us as we deliver trusted, autonomous AI and Cyber capabilities for the Space age

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(coming soon)