Kosmos Connect

Global Planetary Defense & Space Monitoring

World's First “Nano Observatory -as-a-Service”

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One-liner & Vision

One-liner

Reserve on-orbit observing windows like **booking a conference room**—delivering space situational awareness insights through immersive experiences and real datasets.

Vision

Democratize space situational awareness and planetary-defense understanding for a billion learners—making real orbital data accessible, interactive, and curriculum-aligned.

Simple Booking
Conference room-like reservation system

Immersive Delivery
Domes, VR, web, mobile platforms

Space Situational Awareness
For Satellites, Defense and Space Monitoring

Educational Impact
Curriculum-aligned for schools

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The Problem:

Space is limited by access, Infra, manpower and latency !

01 **Space Science Limitation : Scientists, Astronomers, Space enthusiast need to react quickly when something important happens in space, but current systems are slow and require people to jump in at the right time.**

02 **Nature and Ground Limitations :** Weather, clouds, light pollution, and the day/night cycle make it difficult to observe the sky from the ground. You can't always predict when conditions will be good.

03 **Resolution/Latency Limitation :** Today's stargazing and space-watching systems use many different tools that don't work well together, causing delays and lower-quality results.

04 **Access Limitations:** Most people lack telescopes, mentors, or dark sky marking significant Inequity for young Space Watchers. Optical telescopes are primarily limited to nighttime

05 **Sovereignty & Trust Gaps :** Many countries rely on foreign observatories, which can create policy, security, and trust concerns.

06 **SSA Visibility Gaps:** Limited access to timely and transparent space situational awareness data restricts a nation's ability to monitor debris, conjunction risks, and on-orbit activities independently.

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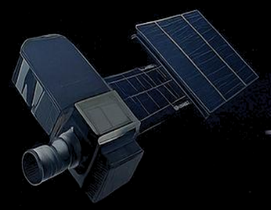
Solution Overview

Kosmos Connect Live 1.0

Nano-Observatory-as-a-Service

A VR immersive real-time observatory built on AWS

Space Segment



6U-12U satellites equipped with Optical/UV telescopes

Ground Segment

Global network of optical/UV telescopes

VR Platform

First-person immersive astronomy:
View the universe from “astronaut POV”

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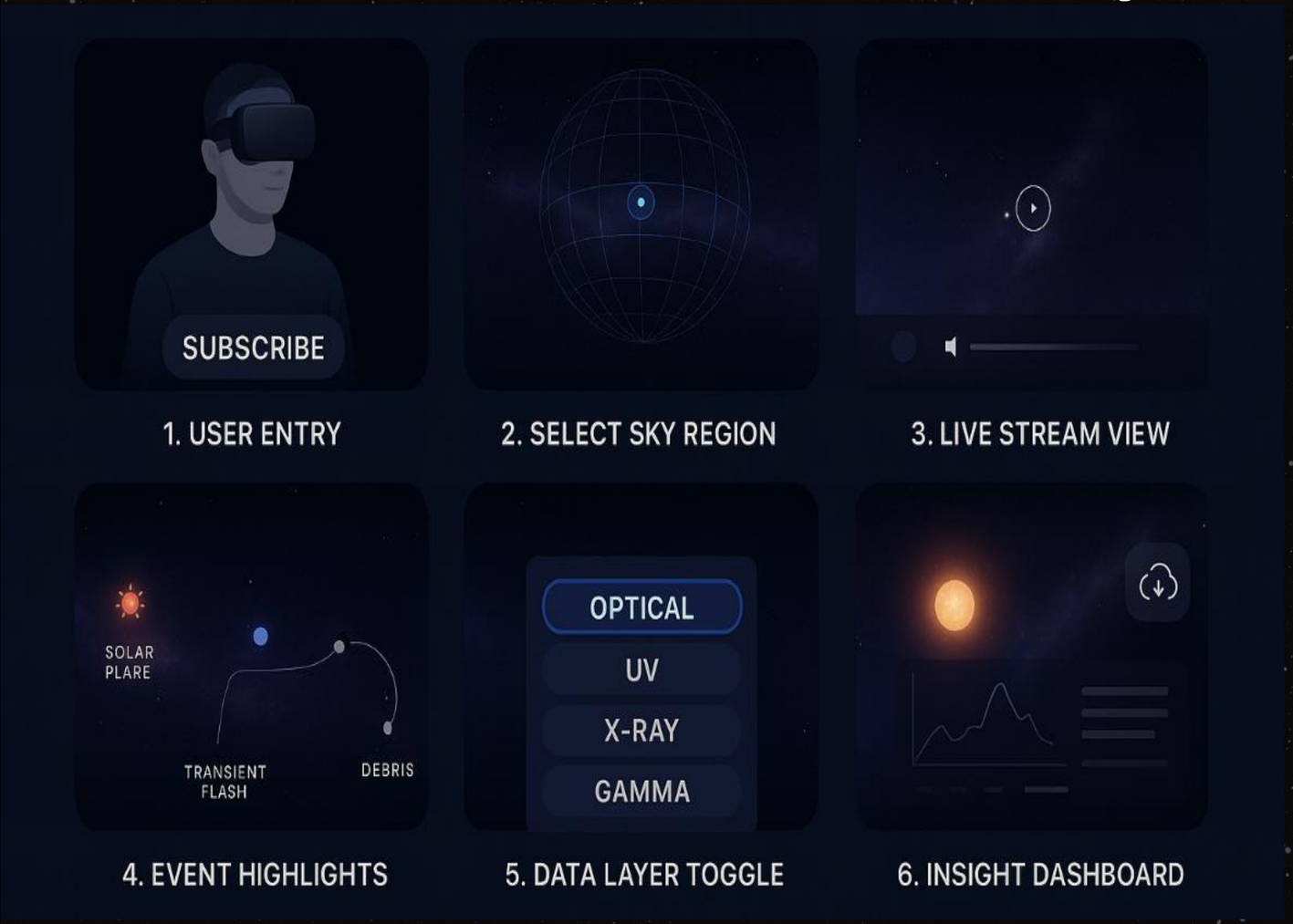
Value Delivery Flow



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Product Overview

Our comprehensive solution combines cutting-edge satellite technology with educator-friendly delivery systems.

12U CubeSat Optical Payload

Scalable constellation with optional integrations with partner ground telescopes

- High-Resolution Optics
- Global Coverage
- Partner Integration

Multi-Platform Delivery

Dome feeds, VR multi-user sessions, web/mobile apps; educator-friendly APIs & sample datasets , SSA notifications & alerts

- VR Sessions
- Mobile Apps
- Developer APIs
- SSA Alerts

Ready-to-Run Show Kits

Narrative scripts, teacher guides, assessment rubrics, and regional-language support

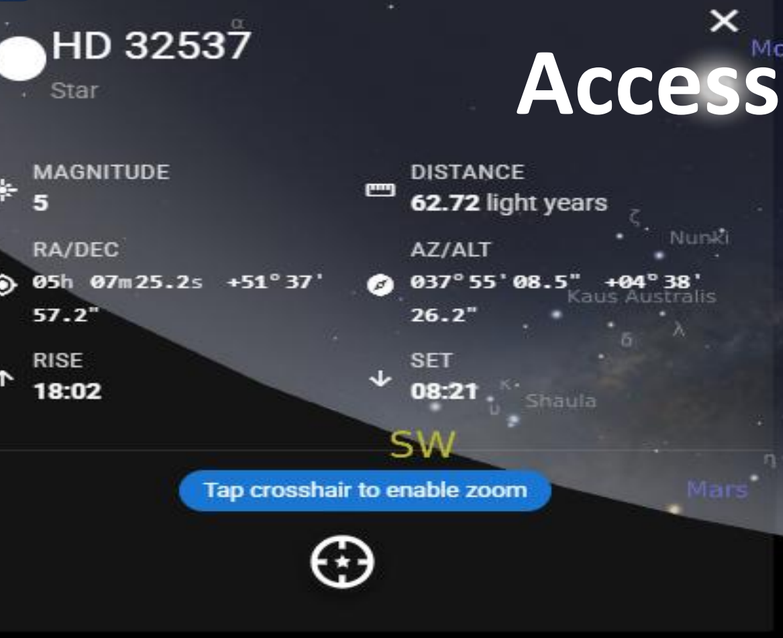
- Curriculum Aligned
- Multi-Language
- Assessment Tools

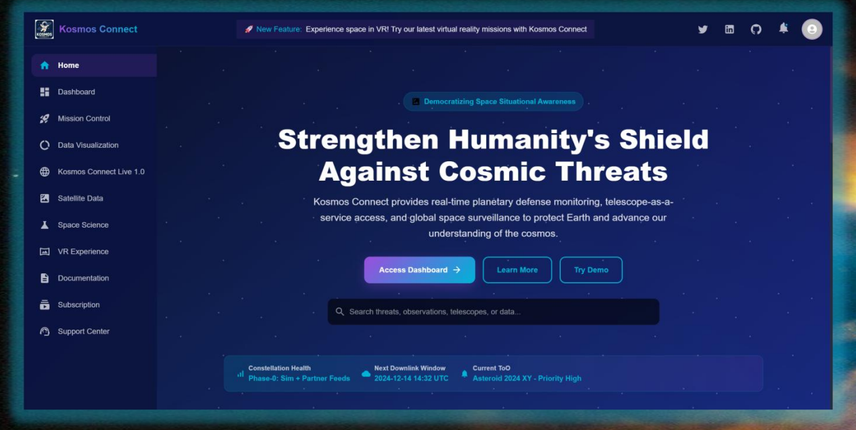
Operations

Scheduling, SSA-enabled target-of-opportunity observations, audit-grade data provenance, and educator-safe defaults with moderation

- Smart Scheduling
- Data Provenance
- Safe Defaults
- SSA Monitoring

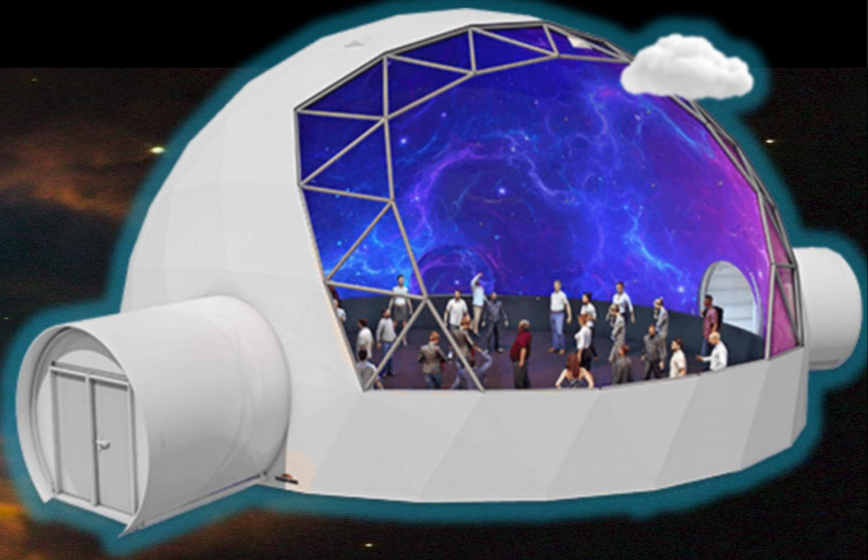
Access our Space Telescopes from Your Devices





Web/Mobile App Based Insight

Free Roam VR 360* Simulator



Immersive Planetarium Dome

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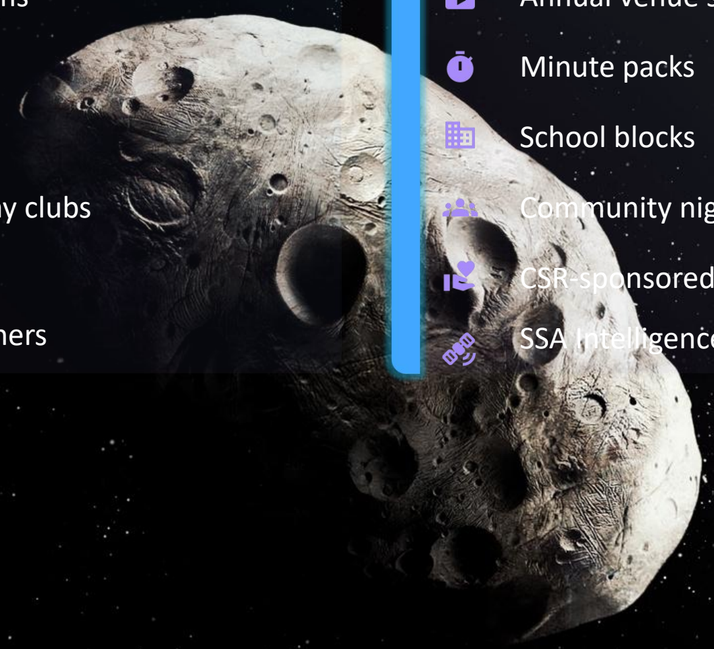
Go-to-Market Strategy: India → Global

Anchor Partners

- National planetariums
- Science centres
- Mobile domes
- University astronomy clubs
- Outreach cells
- Space Industry Partners



Packages

- Annual venue subscriptions
- Minute packs
- School blocks
- Community nights
- CSR-sponsored deployments
- SSA Intelligence services

Channels

- Direct to institutions
- State education missions
- Incubator/government networks
- CSR & corporate sponsorships
- SSA Intelligence channels

For all **Space Enthusiast & Telescope Users** can access our Space Telescopes **24/7 365 days**

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Our Ask

Pre-seed

Now–Q1 2026

₹10.0 Cr

Purpose

- Runway for **14-18 months**
- Pilots (**3–5 venues; 100+ schools**)
- MVP platform & educator tooling
- First subscriptions/CSR anchors

Milestones

- ≥**3** signed pilots
- ≥₹**0.8–1.2** Cr ARR run-rate
- Series A data room ready

Seed

Target Q3–Q4 2026

₹25 Cr

Purpose

- Complete **TRL2–3→TRL7** execution
- Launch booking & integration
- Ops team building
- Initial international sales

Milestones

- EM/QM/FM complete
- Launch contract signed
- ≥₹**4–5** Cr ARR
- **20–30** venue customers

Series A

2028

₹80 Cr

Purpose

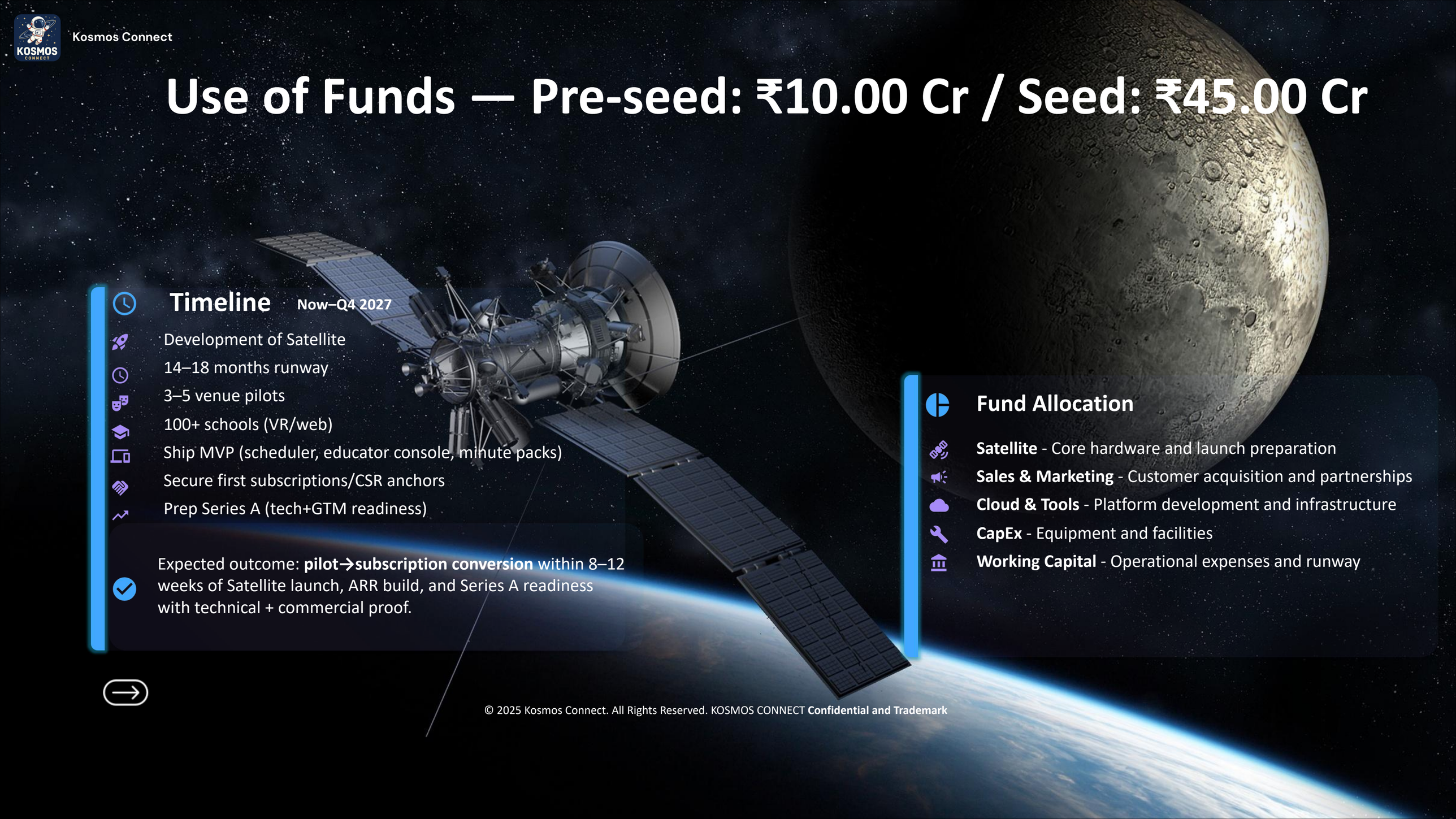
- Scale to **2–4 stationed + 2 demo** satellites
- Expand to **3–5 countries**
- Mature data/API products
- Working capital for multi-venue rollouts

Milestones

- ≥**100** venues/schools under subscription
- ≥₹**25–30** Cr ARR
- Constellation SLAs ≥**99%**

Launch timing clarity: **Q4 2027 / Q1 2028** launch target; **Q4 2027 / Q1 2028** commercial quicklooks & minute bookings

Use of Funds — Pre-seed: ₹10.00 Cr / Seed: ₹45.00 Cr



Timeline

Now–Q4 2027

- Development of Satellite
- 14–18 months runway
- 3–5 venue pilots
- 100+ schools (VR/web)
- Ship MVP (scheduler, educator console, minute packs)
- Secure first subscriptions/CSR anchors
- Prep Series A (tech+GTM readiness)

Expected outcome: **pilot→subscription conversion** within 8–12 weeks of Satellite launch, ARR build, and Series A readiness with technical + commercial proof.

Fund Allocation

- **Satellite** - Core hardware and launch preparation
- **Sales & Marketing** - Customer acquisition and partnerships
- **Cloud & Tools** - Platform development and infrastructure
- **CapEx** - Equipment and facilities
- **Working Capital** - Operational expenses and runway

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Our Roadmap

1 Pre-seed Execution

Dec 2025 – Apr 2026

Application Development VR/web; teacher; MVP platform

- Scheduler & educator console
- Minute packs development
- MoUs & CSR partners

2 Series A Build

May 2026 – Mar 2027

Engineering Model→Qualification tracks

- Ops console hardening
- Ground infrastructure setup
- Launch booking & integration

3 Target Launch(12U Demo)

Q4 2027 - Q1 2028

Integrate & ship; commissioning

- 60–90 day commissioning
- Quicklook pipeline live
- First-light events

4 Commercial"Live from Orbit"

Q1–Q2 2028

Full commercial operations

- Minute booking windows open
- Target-of-Opportunity shows
- International venue onboarding

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Core Team & Roles

Leadership Team

Debasis Mohabhoi
CEO

Pinak Mallick
COO

Kumuda Ranjan Panda
CAO

Lokanath Nayak
CTO

Sabyasachi Pradhan
CIO

Dr. Ramakant Tripathi
CFO

Research Team

Dr. Ananda Hota
Astronomy
GMRT
RAD@Home

Dr. Bibhuprasad Mahakud
Physics
Ex-CERN, Switzerland

Ipsit Panda
Physics
IIT - Delhi

Anand Nagesh
Spacecraft
Project Director

Our Esteemed Partners

ArkEdgeSpace

IISER Berhampur

Transcend Satellite Technology

AWS Space Accelerator APJ 2025

iia

TechXR Innovations Private Limited

aws

leaf space

टामूअसं tifr

maargin

t-hub

Atal Incubation Center

planetary vimaana Research Labs

DEPLOYNXT

NSPACE

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