

Supiti (Share) Buranawatanachoke



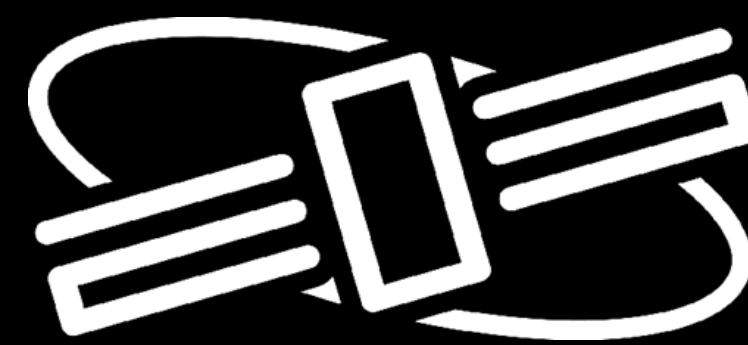
Dek-D Carnegie
Mellon
University

IPhO

ORACLE

TS44

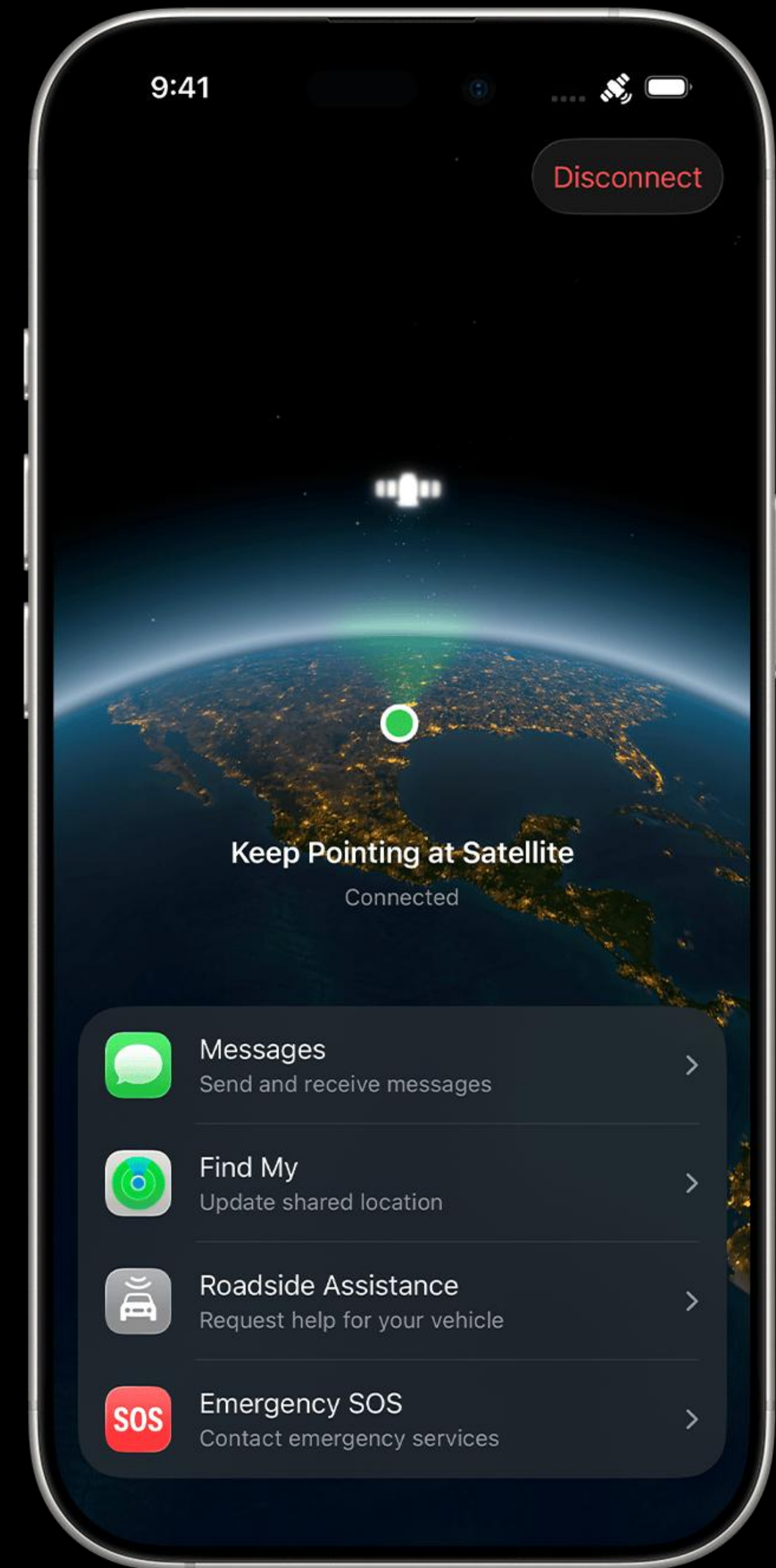
looloo
LOOLOO TECHNOLOGY



EOS ORBIT

Your phone is
becoming
a satellite phone.

But whose
Satellite?



Thailand's Three generation of Space Communication



Gen 01 Buy the service

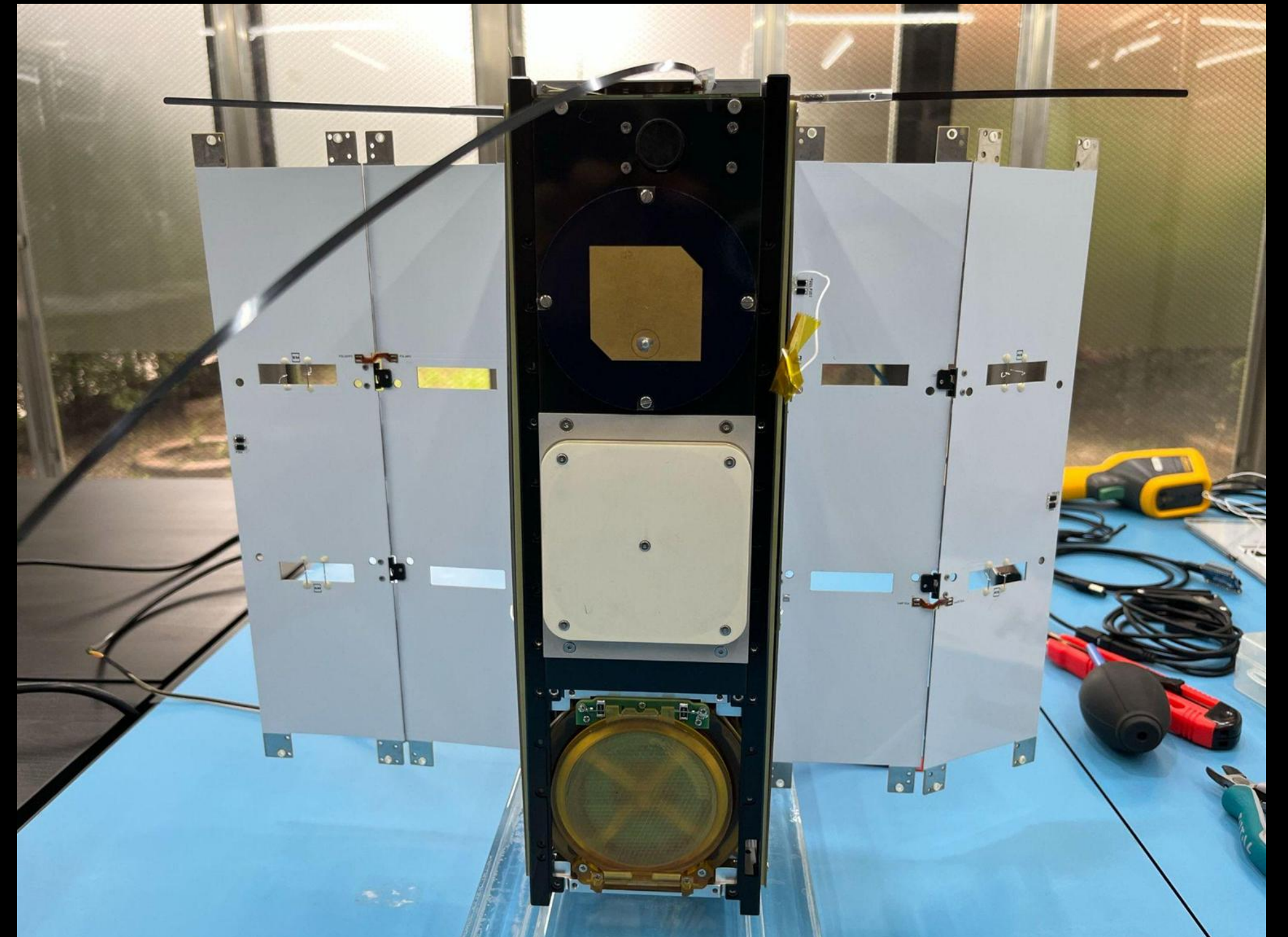
Gen 02 Own the satellite

Gen 03 Build the technology

“Ownership ≠ Procurement”

DESIGN · BUILD · OPERATE · EVOLVE

LOGSATS-2



Designed in Thailand
Built in Thailand
Flown in space



STRONGBACK
RETRACT

STARTUP

LIFTOFF

MAX-Q

MECO

BOOSTBACK

FAIRING

STARTUP

THE FALCON 9 FLIGHT COMPUTERS HAVE
TAKEN CONTROL OF THE COUNTDOWN

T - 00:00:10

TRANSPORTER-12

LIVE 344K views



Not a prototype.
Flight heritage.



THE STANDARD

STAND UP FOR THE PEOPLE

HOME NEWS WEALTH POP LIFE THE SECRET SAUCE PODCAST VIDEO NOW OPINION EVENTS ABOUT

LOGSATS-2 ดาวเทียมดวงแรกของเอกชนไทย ที่ติดต่อกับโลกจากอวกาศได้สำเร็จ

SCIENCE

THE STANDARD





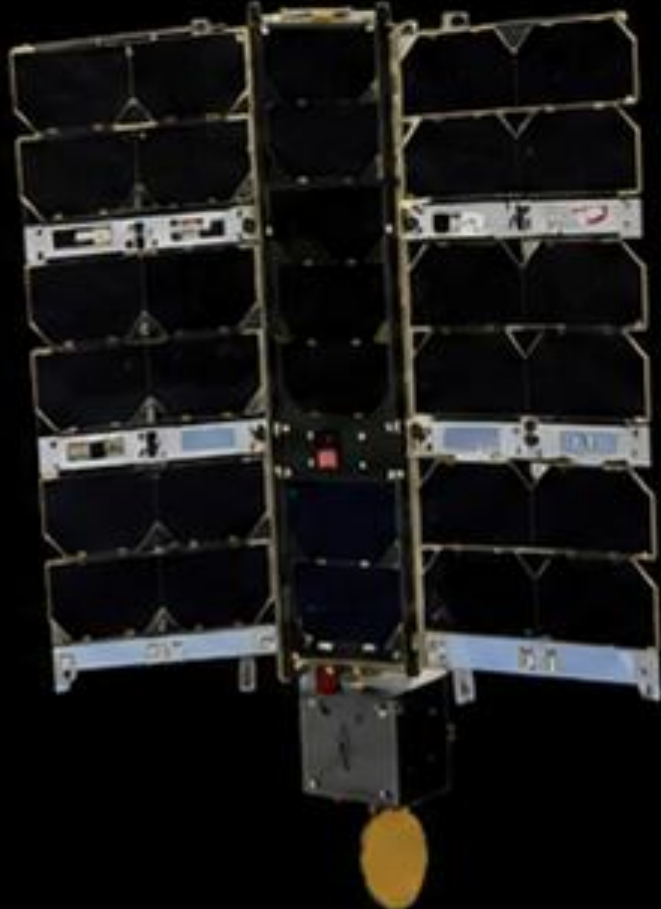
Small Satellite. Big Capability.

BASELINE PLATFORM

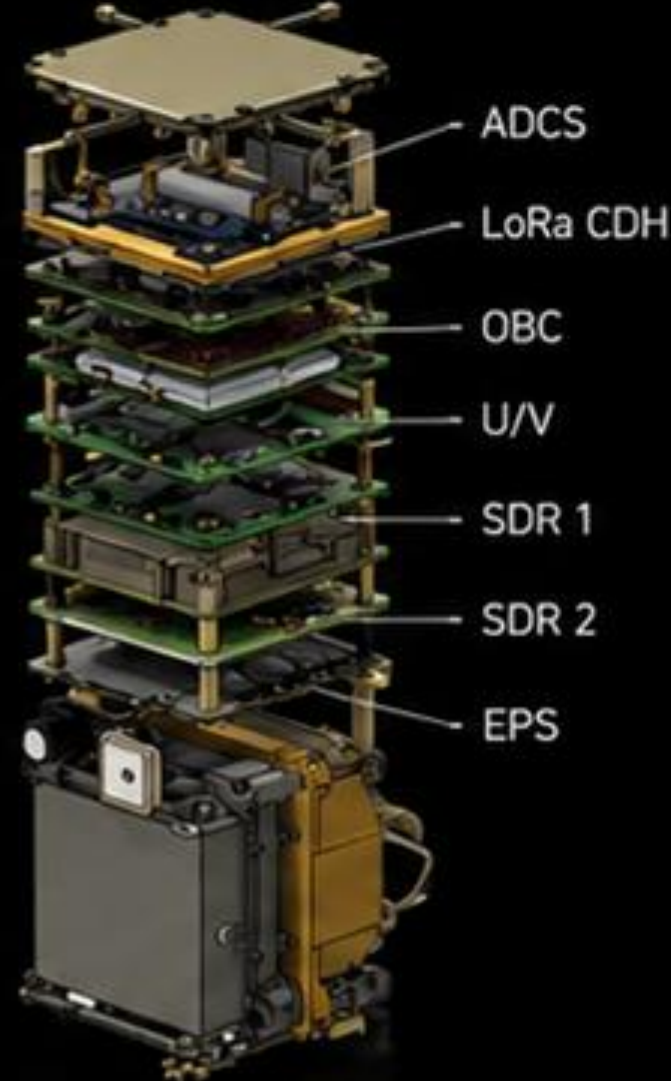
	Form factor	3U CubeSat
	Payload 1	IoT (LoRa) Gateway
	Payload 2	ADS-B Aircraft Tracking
	Orbit	Sun-Synchronous Orbit · 600 km
	Communications	VHF · UHF · S-Band · L-Band
	Solar power	Max 34 W
	Battery	45 Wh
	Weight	3.5 kg
	Attitude control	Y-momentum control with precise pitch maneuver
	Operation mode	Nadir pointing
	Design life	3 years
	ITU filing	SDM (Resolution 32)



FLIGHT MODEL
3U CubeSat platform



DEPLOYABLE SOLAR ARRAY
Max 34 W



SUBSYSTEM STACK
Integrated avionics architecture



UPGRADED CONFIGURATION
LOGSATS-2 ready

— LOGSATS-2 UPGRADES —



ADD GPS RECEIVER

For space situational awareness



ADD CAMERA MODULE

Auto-adjust and autofocus imaging



ADD LORA TX CAPABILITY

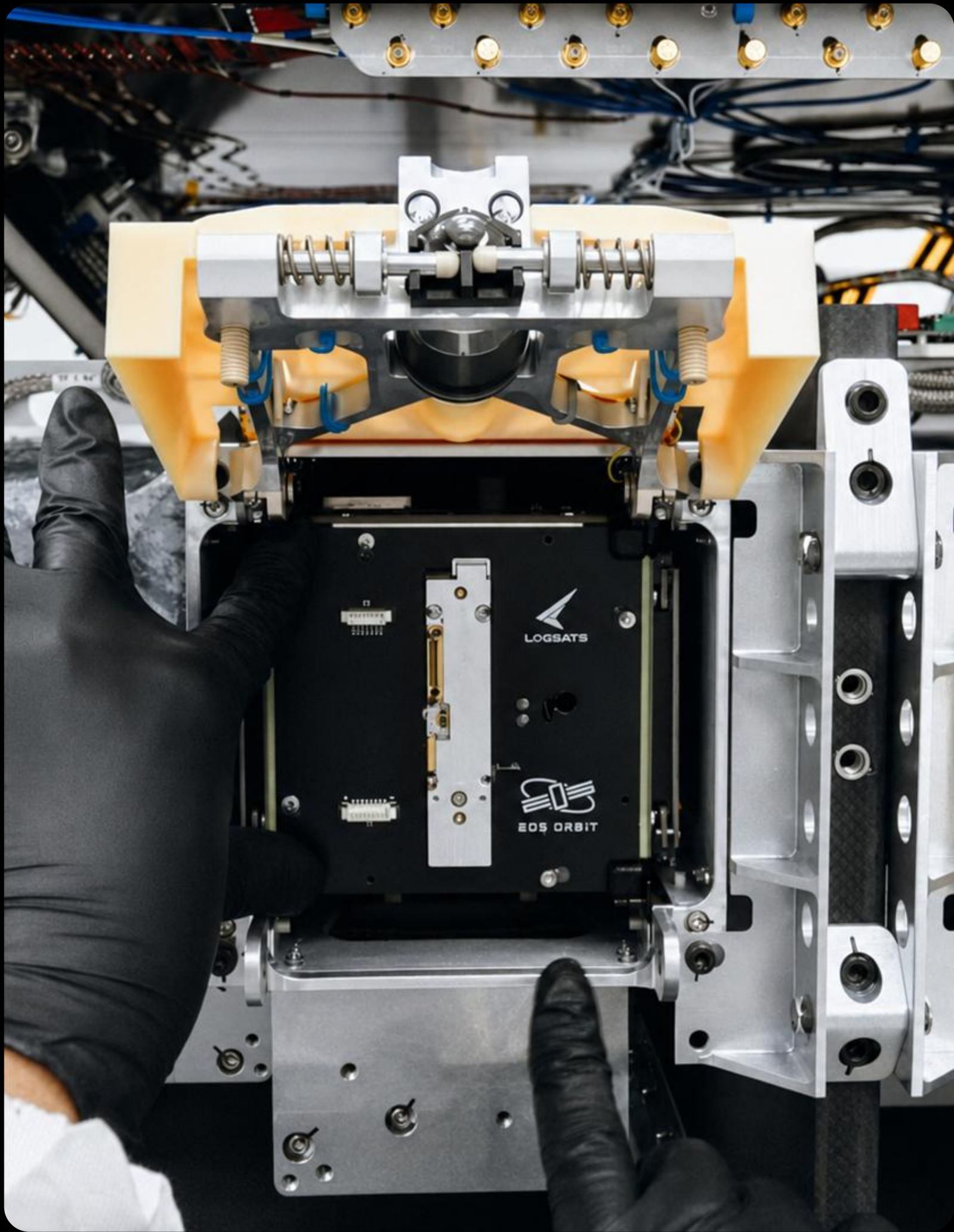
Broadcast overpass schedule from orbit



ENABLE RF RELAY PAYLOAD

Beyond-line-of-sight communications

From Proof to Scale



Flight Proven

LOGSATS-2 is designed, built, and operated in Thailand

กรุงเทพธุรกิจ

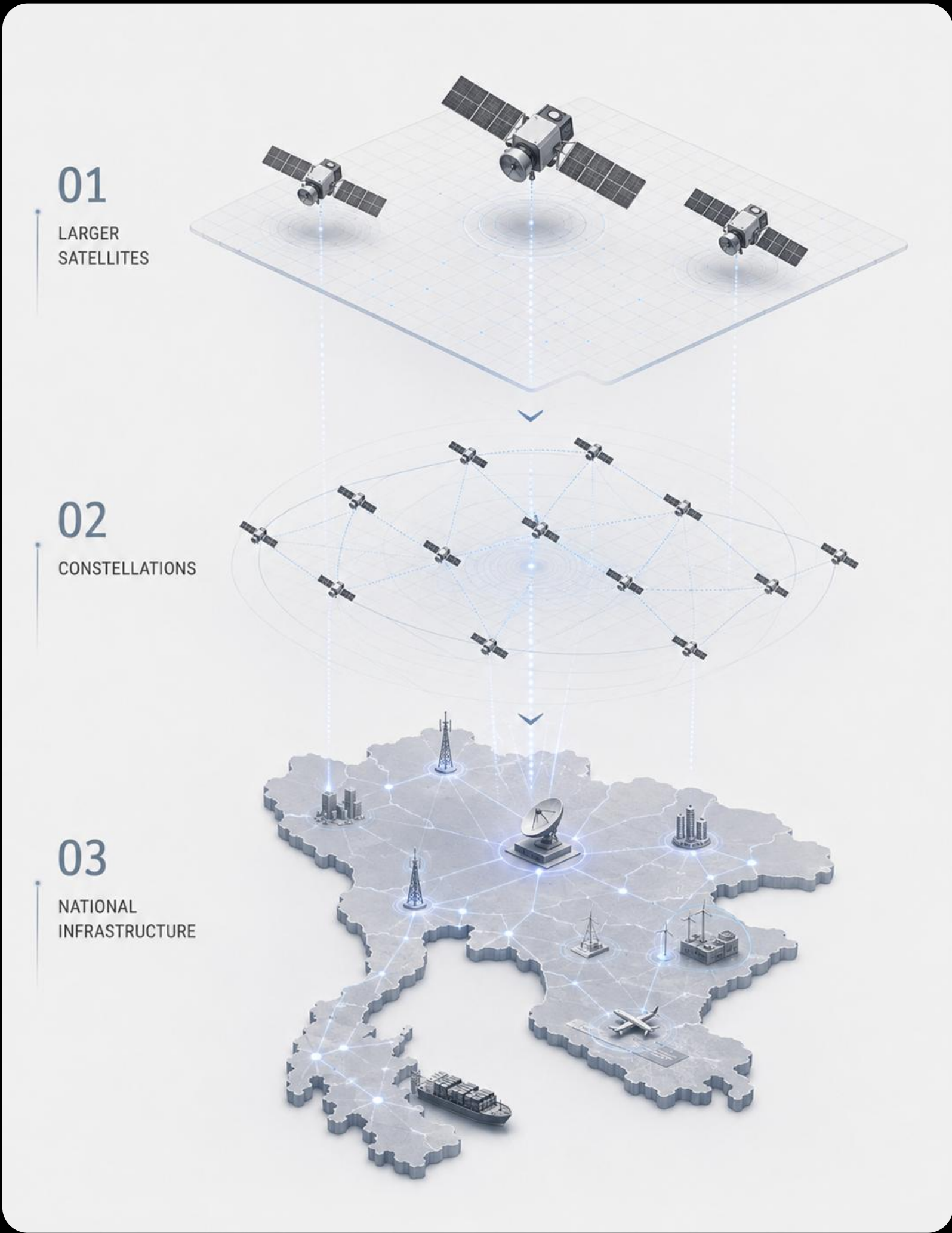
JTS
Jasmine Technology Solution

JTS หุ่ม 550 ล้านบาท
กระโดดสู่ธุรกิจดาวเทียม
หวังคืนไทยขึ้นแท่น
ผู้นำเศรษฐกิจอวกาศ

25 ก.พ. 2569

฿500M

Strategic investment from JTS into EOS Orbit.



Towards National Infrastructure

Scaling from technology demo to larger satellites and constellations ready to service the entire nation.

Infrastructure from orbit

The Satellite is becoming the network

01

ENDPOINTS

PHONE / DRONE / CAR / SENSOR



02

CONNECTIVITY

TERRESTRIAL +
SATELLITE NETWORK



03

INTELLIGENCE

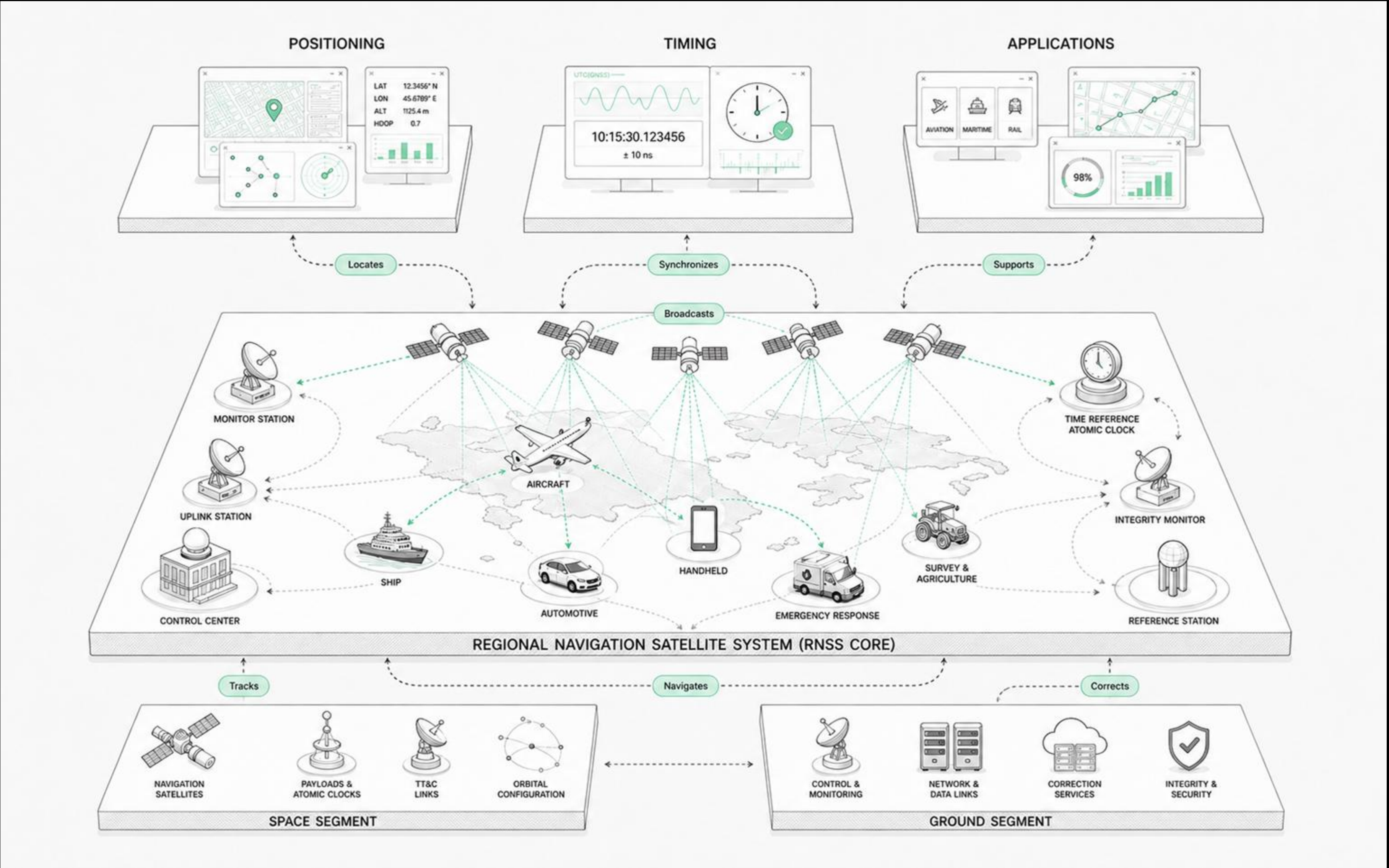
CLOUD / AI / DATA /
POSITIONING



Communication +
Sensing +
Navigation

What if GPS is not available?
RNSS - Regional Navigation Satellite System

- Regional
- Resilient
- Authenticated
- Sovereign



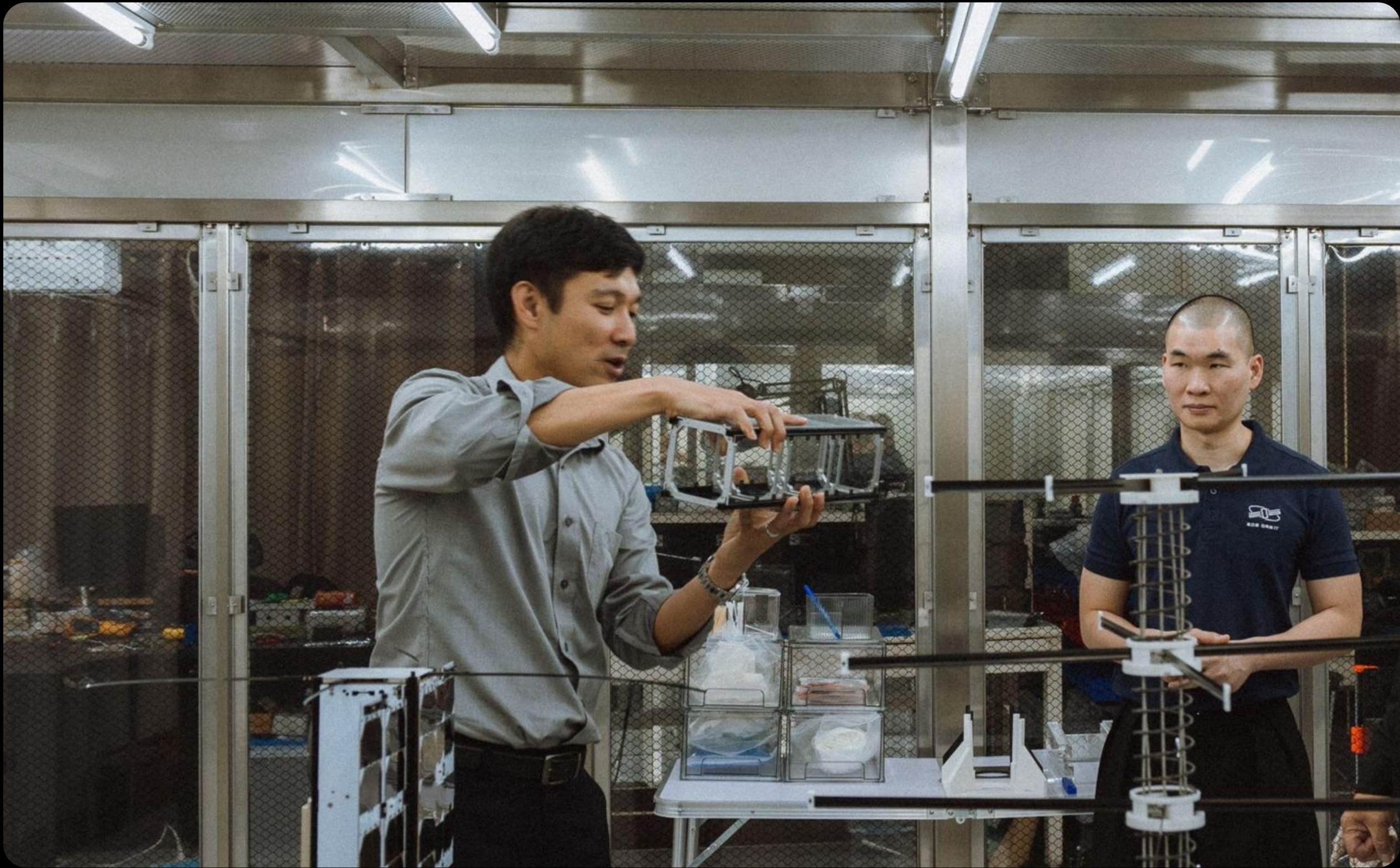
Projects Depreciate.
Capability Compounds.

Path A: Buy a Satellite

Satellite delivered
↓
Project ends

Path B: Build Capability

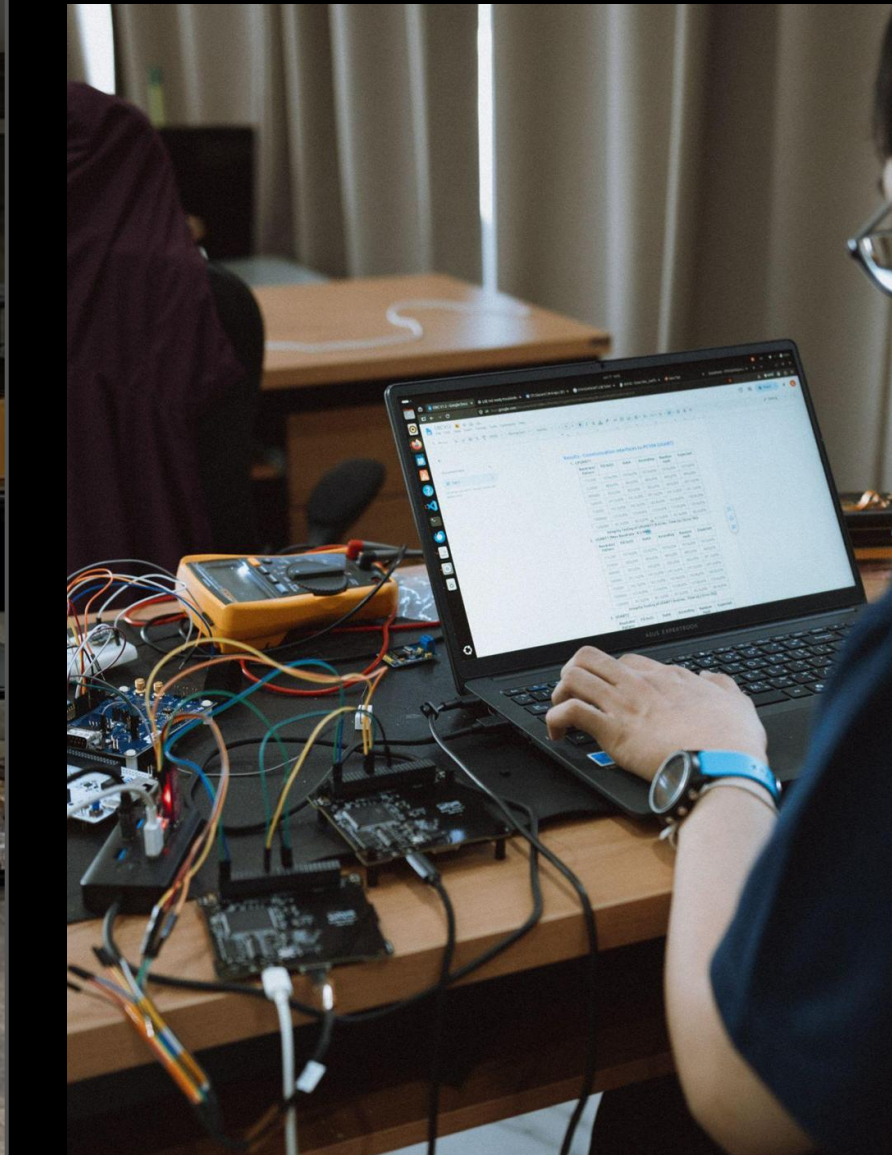
Mission 1
↓
People
↓
IP
↓
Suppliers
↓
Mission 2
↓
Export



Accelerating the S-Curve
From Capability to National Scale

MISSION	CAPITAL	POLICY
Give Thai capability the opportunity to execute real, large-scale missions	Mobilize long-term capital for deep technology and space infrastructure	Treat domestic space capability as strategic national infrastructure

Capability already exists. The question is whether Thailand will scale it.



**Rent the
Future
or build it?**
The first proof is already in orbit.

