LEAFSPACE

Effective & Efficient Connectivity through Leaf Space GSaaS Solutions

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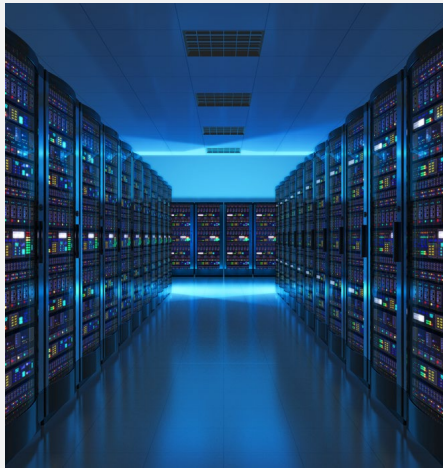
Market Needs

High capacity GSN	• High data volume • Low latency • Simoultaneous support of several satellites • Wide orbits coverage
Lean approach	• Outsource everything is not core • Avoid in-house ground segment team • Reduce startup time and effort
Fast improvement pace	• Variable end-users demand • Satellite missions need to adapt to ever-changing needs • Frequent on-board technology renewal
Cost-effectiveness	• Avoid upfront investment on services • Preferred OPEX over CAPEX



Leaf Space:
Ground Segment as-a-Service

Leaf Line

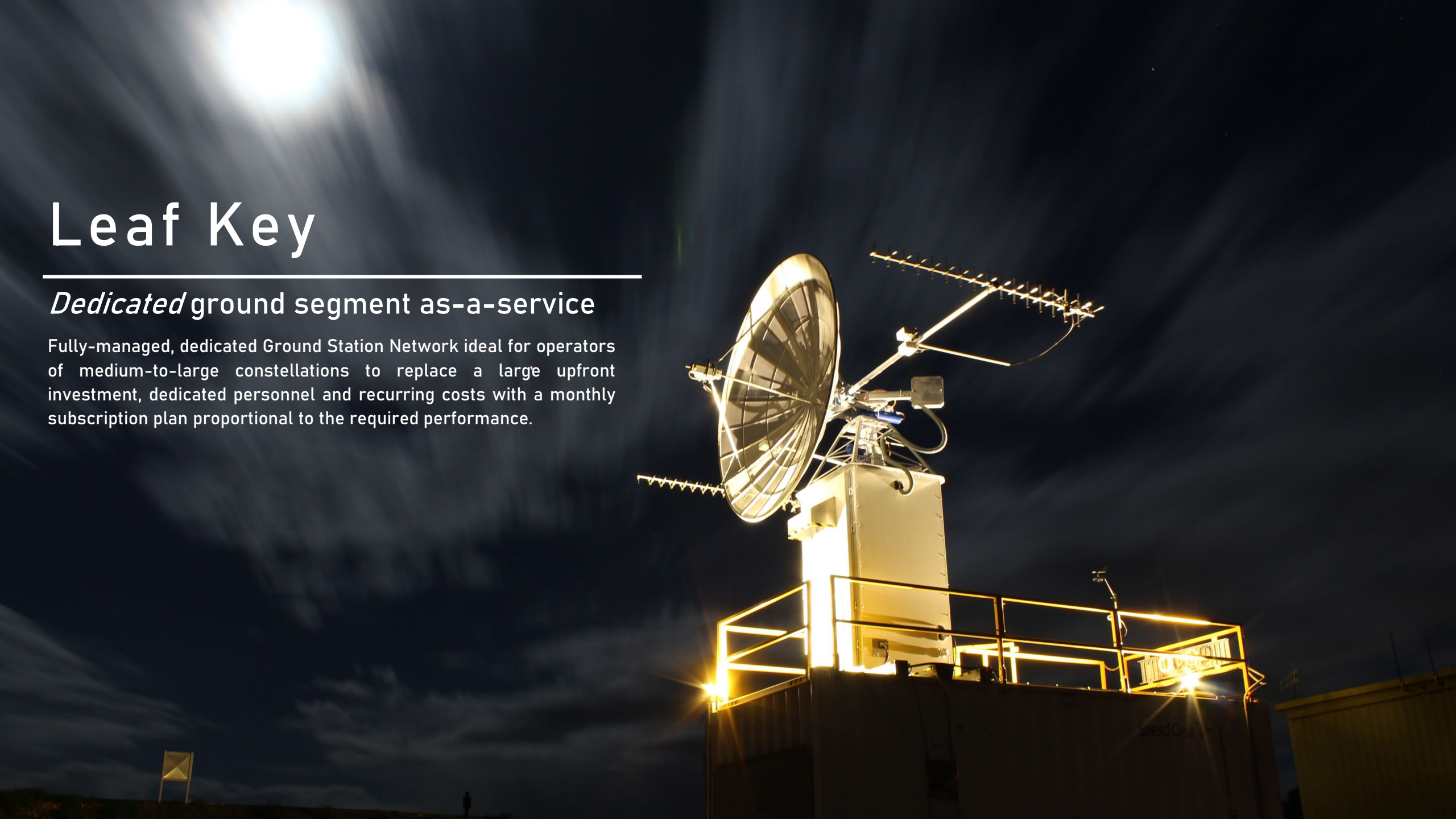
Ground segment as-a-service

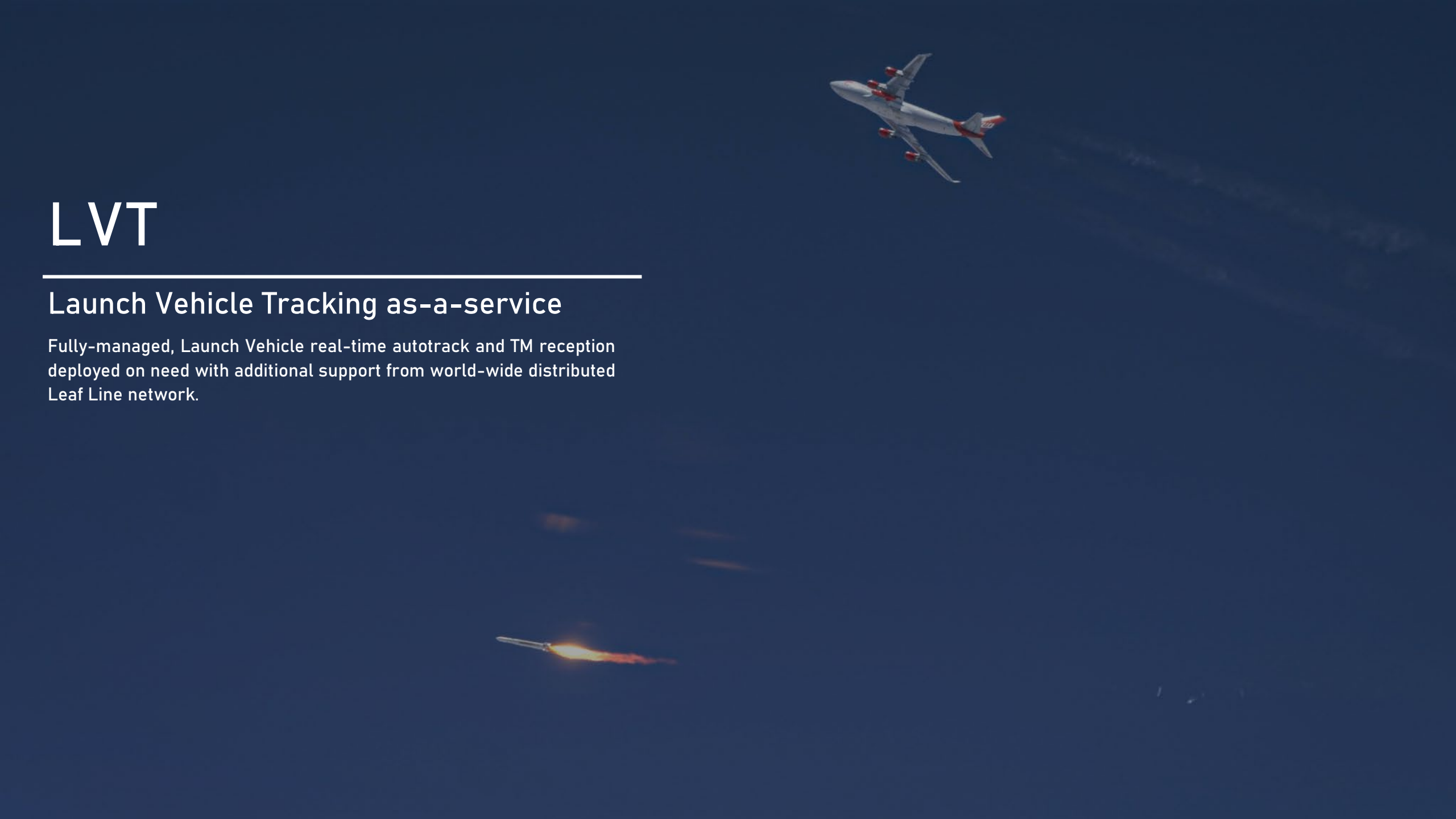
Fully Managed, multi-mission, shared Ground Station Network ideal for the operators who need high flexibility, fast service delivery, frequent daily contacts, low latency and best pricing.

Leaf Key

Dedicated ground segment as-a-service

Fully-managed, dedicated Ground Station Network ideal for operators of medium-to-large constellations to replace a large upfront investment, dedicated personnel and recurring costs with a monthly subscription plan proportional to the required performance.





LVT

Launch Vehicle Tracking as-a-service

Fully-managed, Launch Vehicle real-time autotrack and TM reception deployed on need with additional support from world-wide distributed Leaf Line network.

Key Added Values

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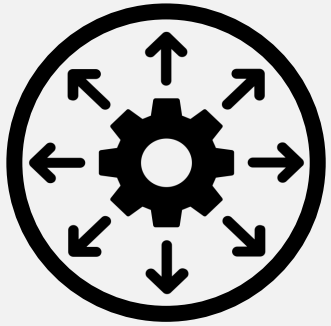
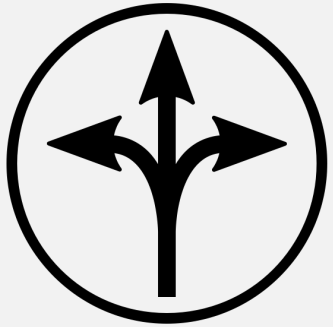
global coverage

easy & fast on-boarding



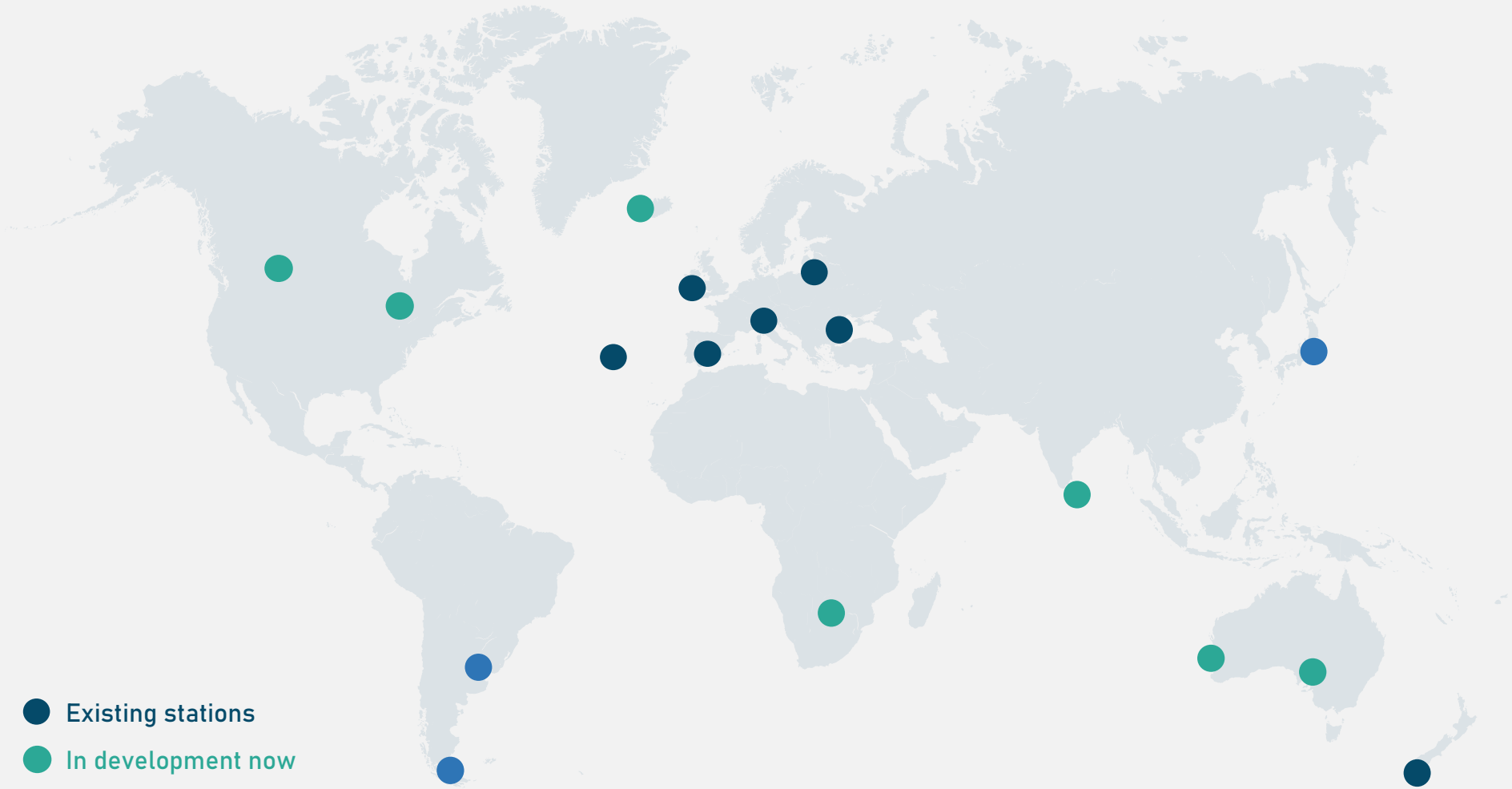
fully managed



flexibility & scalability

optimized scheduling

Global Coverage



- Existing stations
- In development now
- Long term

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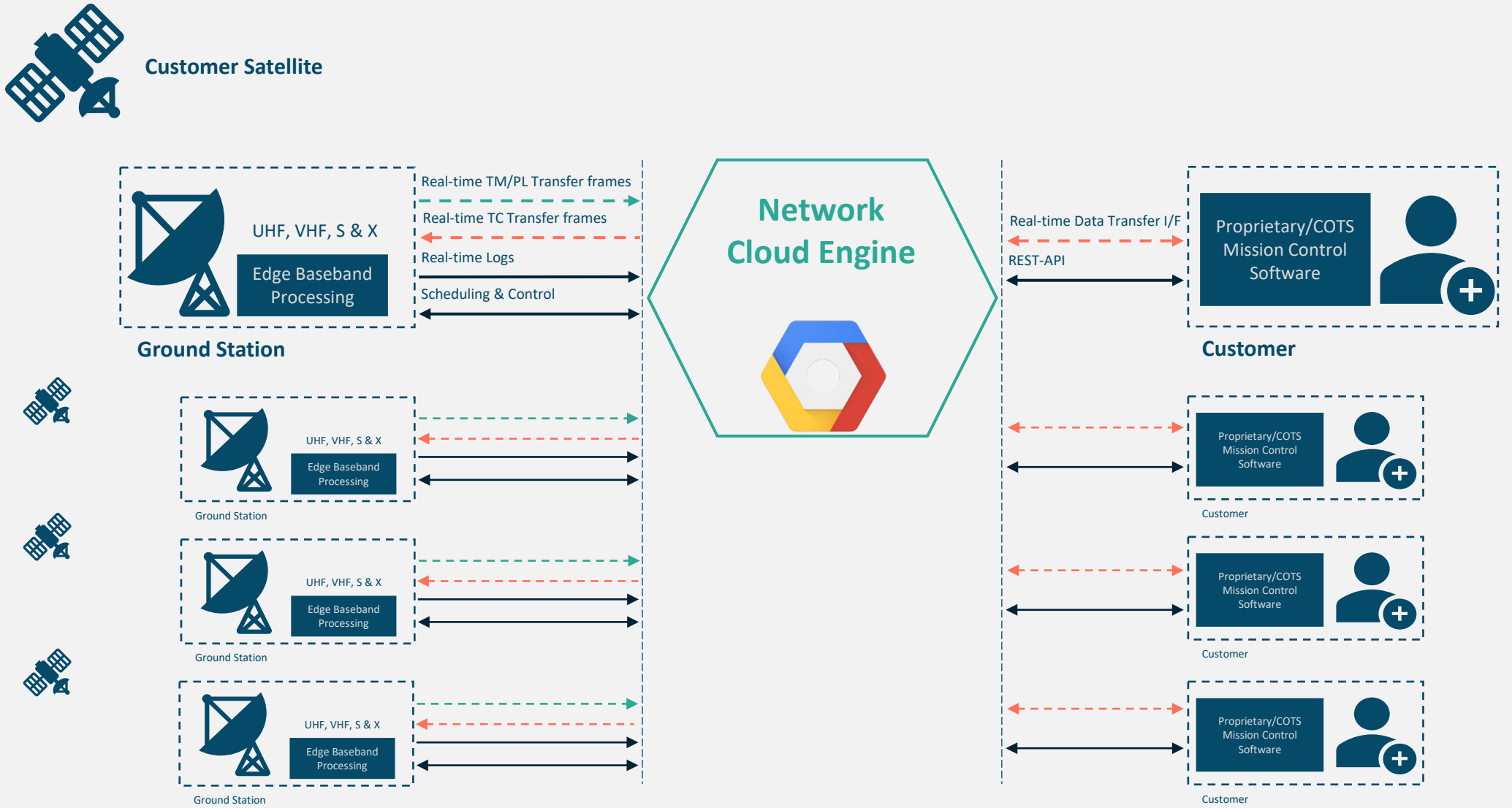
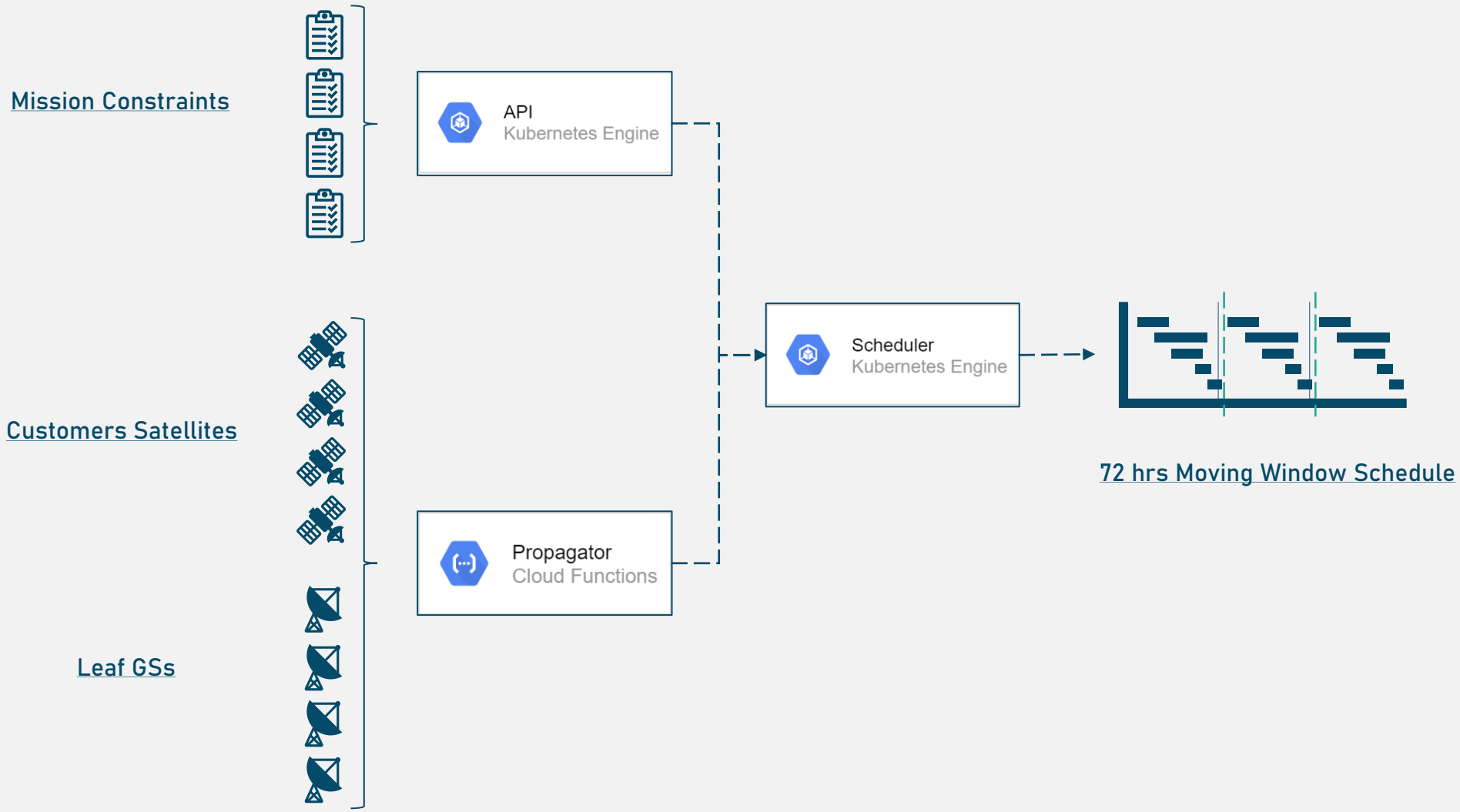
- High capacity over every orbit
- No single-point of failure
- Low RF interference
- High tolerance to crowded launches
- High load-balancing capability
- Efficient & Cost-effective

Fully Managed Service



- Proprietary infrastructure
- O&M of the GSN managed by Leaf
- Complete baseband processing at edge
- Real-time data transfer & routing
- End-to-end cybersecurity
- Licensing management

Optimised Scheduling



LEAFSPACE

- Optimized over mission requirements
- Avoids prioritization
- Conflict-free schedule
- Enables high capacity and duty cycle
- Autonomous load-balancing
- Continuous improvements

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Thank you!

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