



Infostellar

Introducing **StellarStation**
The Satellite Antenna Sharing Platform

May 1st, 2018

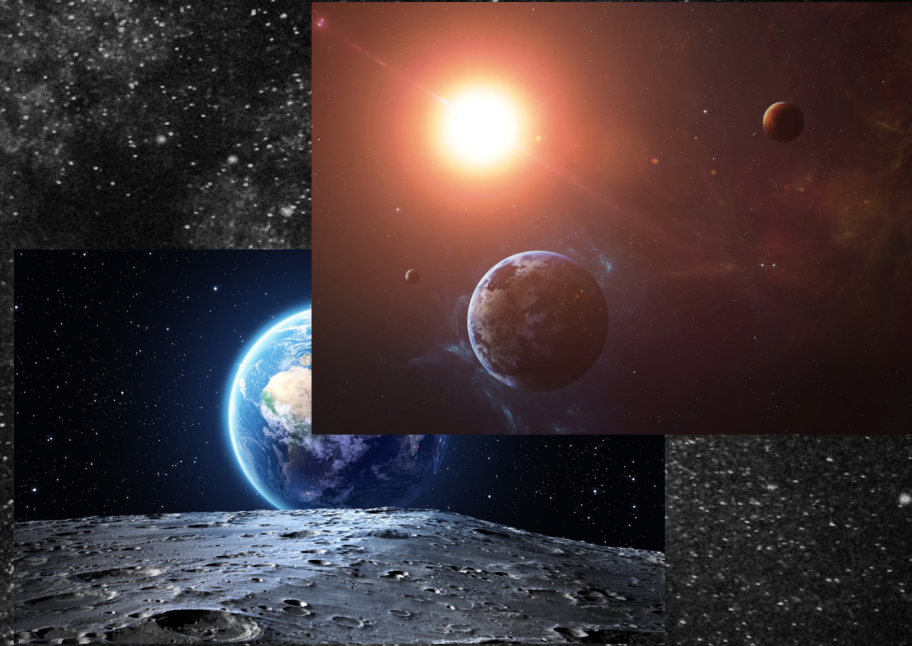
Our Vision

2022

2030



- Earth-Orbit Communications
- CubeSat Community Growth



- Deep Space Communications
- CubeSat Technology Consolidation

Who are we?



Naomi Kurahara
Co-Founder / CEO

PhD. Electrical Engineering
Core Member, GENSO
Project



Ricardo Tubío-Pardavila
Operations Support Manager

PhD. Systems Engineering
5 CubeSat projects /
Former PM at CINAÉ

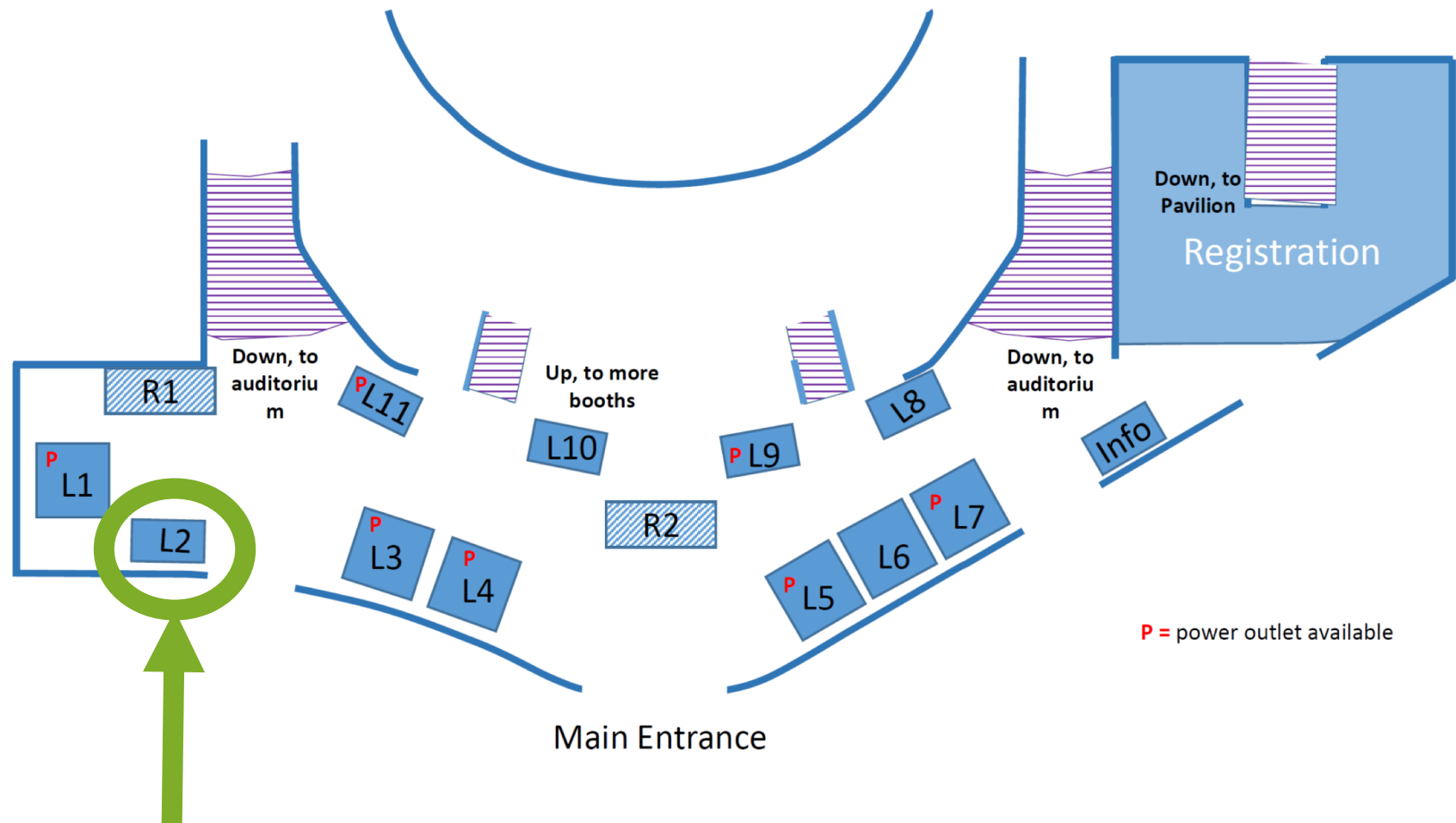


Swathinath "Vijay" Vijayan
Business Development

Who are we?



Meet us at our booth (L2)





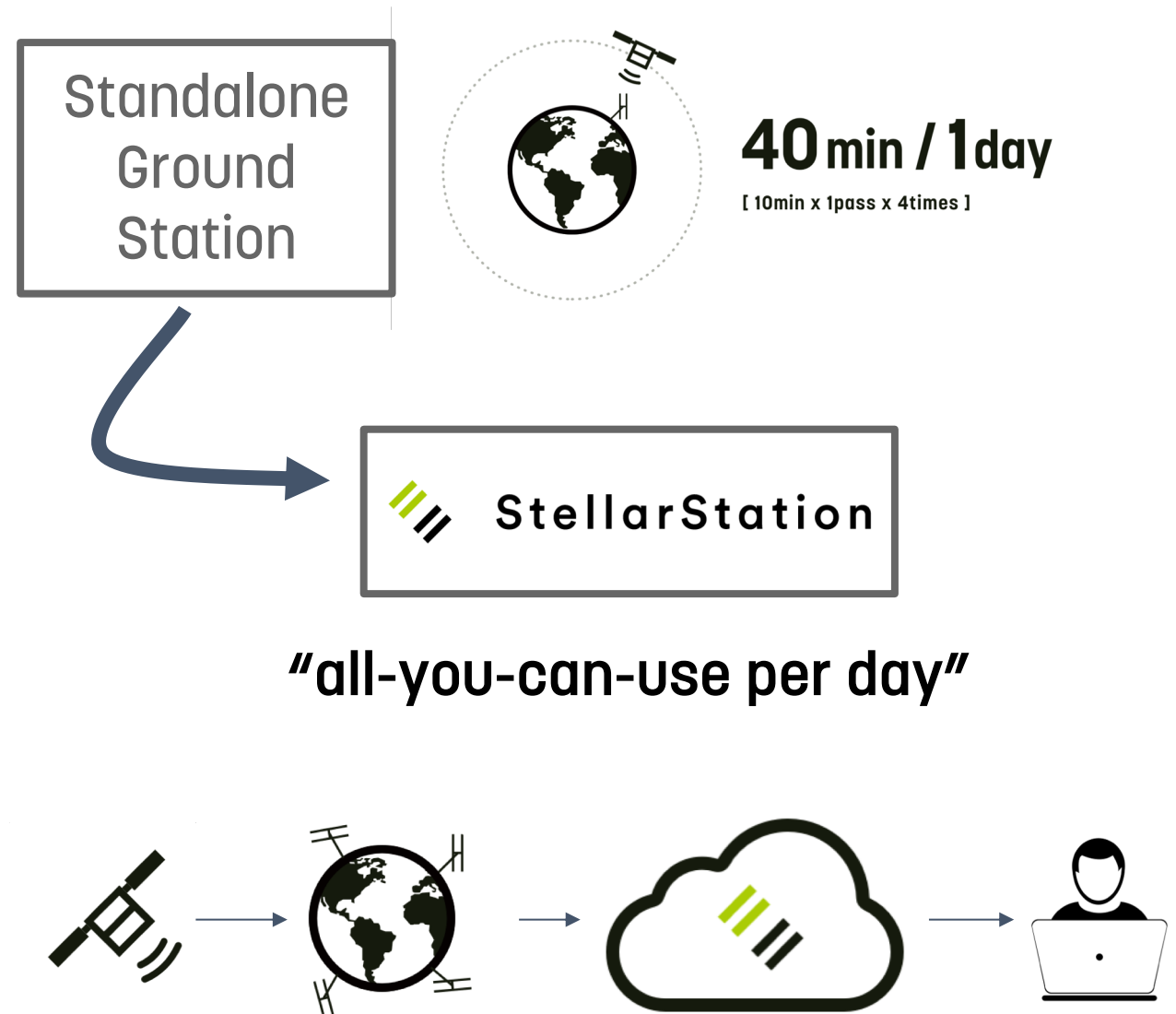
StellarStation

Satellite Antenna Sharing Platform

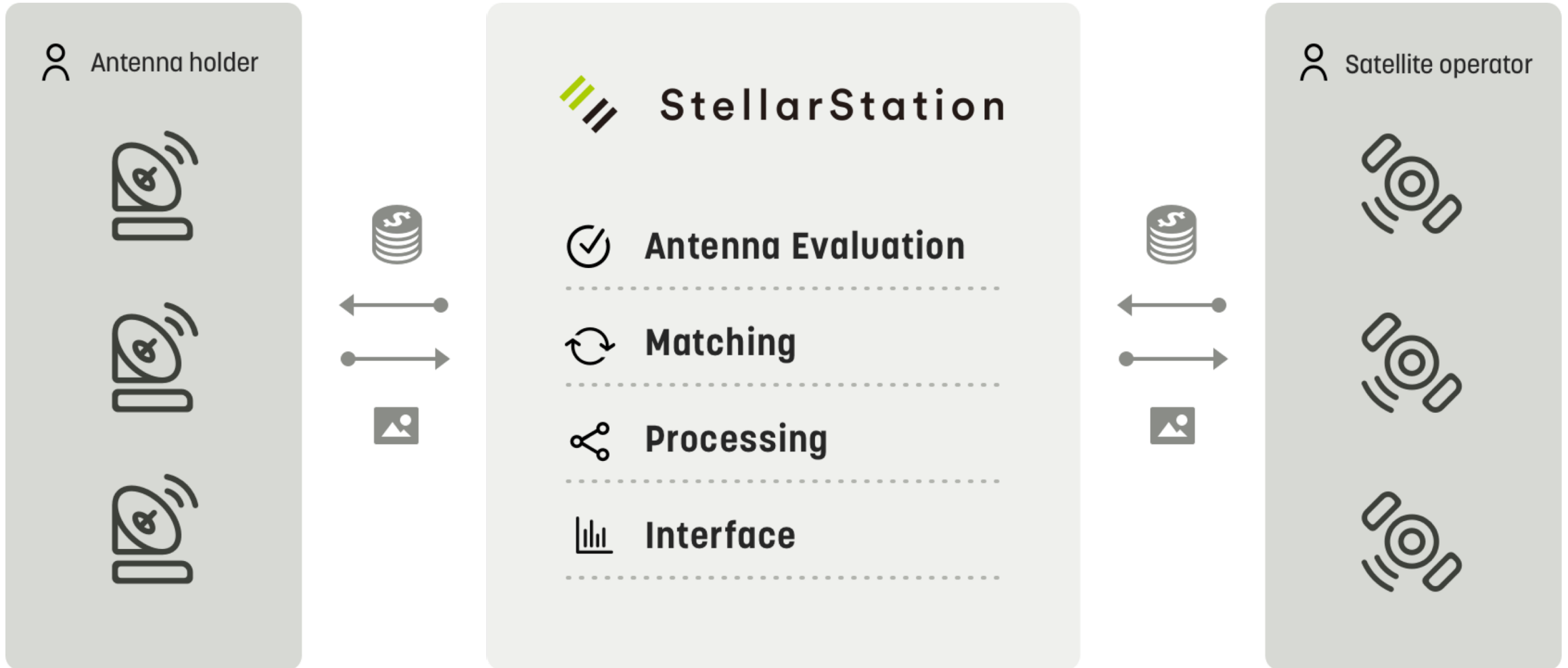


Why StellarStation?

- A ground station for 1 satellite uses less than **5%** of its total capacity
- Satellite operators can **gain access** to passes at other ground stations when they **share** their ground station



What's under the hood?



Non-commercial Services

- CubeSat technology:
 - Community-based growth!
- Infostellar's commitment:
 - Boost CubeSat Growth!
- Community Feedback!
- Passive downlink tracking:
 - LEOP phase
 - Tracking upon request
- Licensing assistance



Non-commercial UHF Network



<https://www.stellarstation.com/amateur>

We want to track your satellite!

Request it online!

StellarStation Amateur

Latest passes

Satellite	Ground Station	AOS
eSigs1	Tokyo	17:52
STRAND 1	Tokyo	18:57
FALCONSAT 3	Tokyo	19:08
MUGISat	Tokyo	19:30
PicSat	Tokyo	20:36

Request new satellite

Satellites being tracked now

Name	Organization	Country	Launch date	Mission type	Downloaded	Days left
AOBA-VELOX 3	Kyushu Institute of Technology and Nanryng Tec...	JP, SG	2017-01-16	Technology Demonstration	107 passes	14 days
BUGSAT1	SATELLOGIC	AR	2014-06-19	Earth Observation	154 passes	14 days
LithuaniaSAT2	Nanohionics	LT	2017-06-23	Technology and Science	89 passes	14 days
eSigs1	SCS Space	ZA	2017-04-18	Technology Demonstration	79 passes	14 days
PicSat	Observatoire de Paris-Medon	FR	2018-01-12	Earth Observation	4 passes	14 days
UNISAT6	GAUSS Srl	IT	2014-06-19	Technology Demonstration	84 passes	14 days
ALSat1N	The UK Space Agency and Algerian Space Agency	UK, DZ	2016-09-26	Technology Demonstration	106 passes	14 days
STRAND 1	University of Surrey	UK	2013-02-25	Technology Demonstration	109 passes	14 days
SPACECUBE	MINES ParisTech	FR	2017-04-08	Technology Demonstration	62 passes	14 days
HOORPE	Space Laboratory of the Herdya Science Centre	IL	2017-04-18	Technology Demonstration	70 passes	14 days
FALCONSAT 3	US Air Force Academy in Colorado Springs	US	2007-09-03	Technology Demonstration	148 passes	14 days

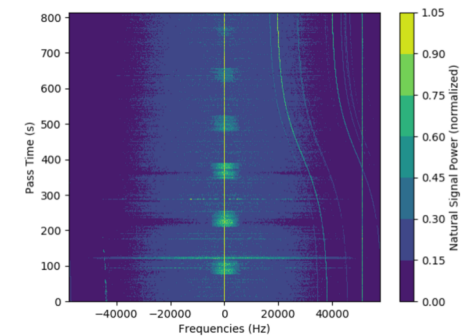


Ground Stations:

*Active: 3
Pipeline: 19*

Satellites:

*Tracked daily: 16
Total passes per day: 30*



- Ground Station: inet-com-01
- Pass time: 2018-03-25T09:26:07.044663984
- IQ raw file: [\[link\]](#)

Commercial Services

Available from September 2018



UHF band Reception

Commission Your Satellites Faster

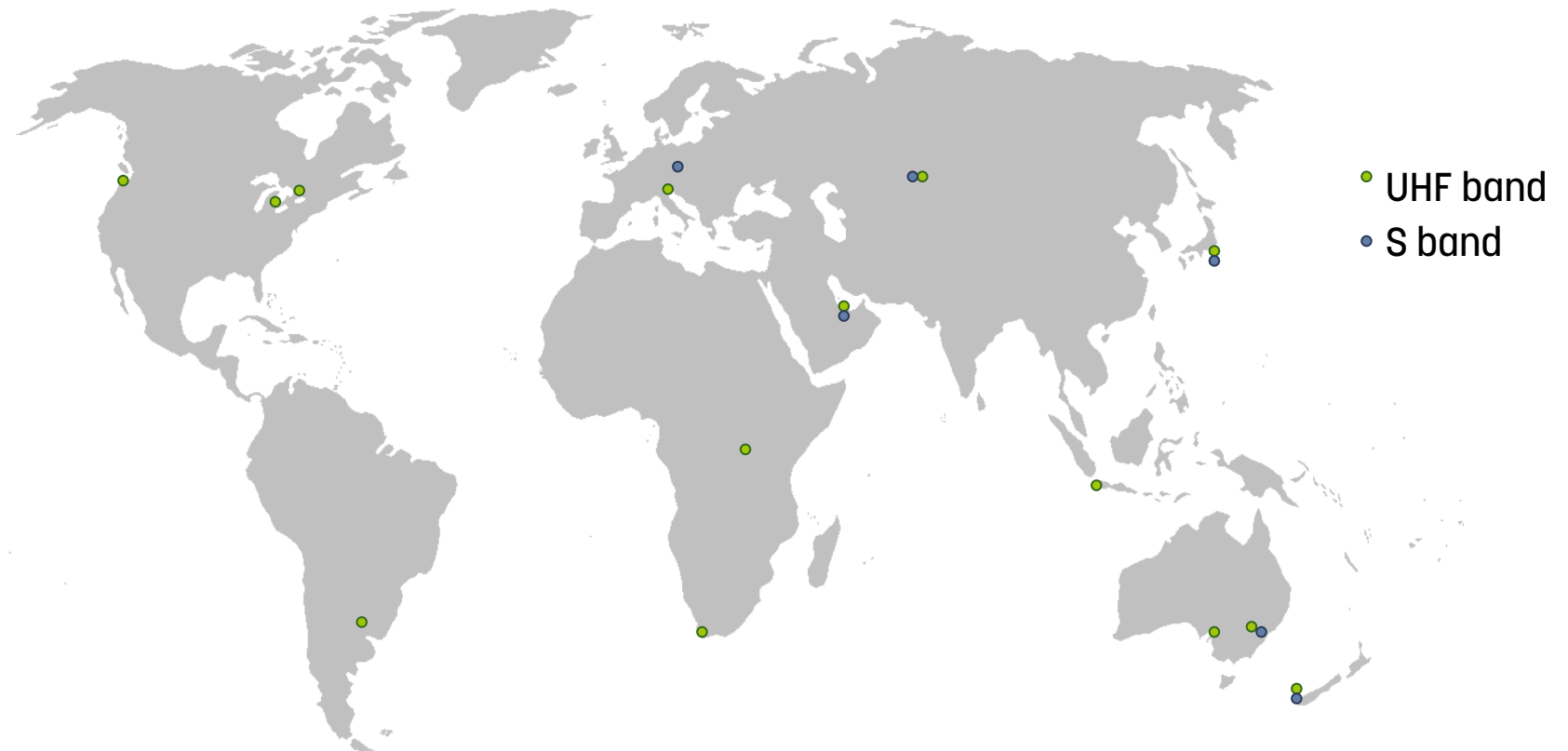
UHF band TT&C

Longer and Flexible Satellite Operation

S band Reception

Downlink More Mission Data

- Increase your mission returns.
- Bring down operational costs.



Join the StellarStation Network!



Thank You

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