



Time critical Actionable Information

Made in
orbit



Who we are

- Founded in 2013 as an academic spin-off, with expertise in areas including industrial automation, artificial intelligence, image analysis and space systems.
- Our Vision is to make space technology available to everyone, For improved life on earth and beyond.
- In March 2017, Unibap was listed on the Nasdaq First North Growth Market.
- 37 talents based in Uppsala and Västerås.
- Our space products have been used in orbit around Earth since 2016.
- Our computer iX5 flight proven since 2022.



Why Unibap is a unique case:

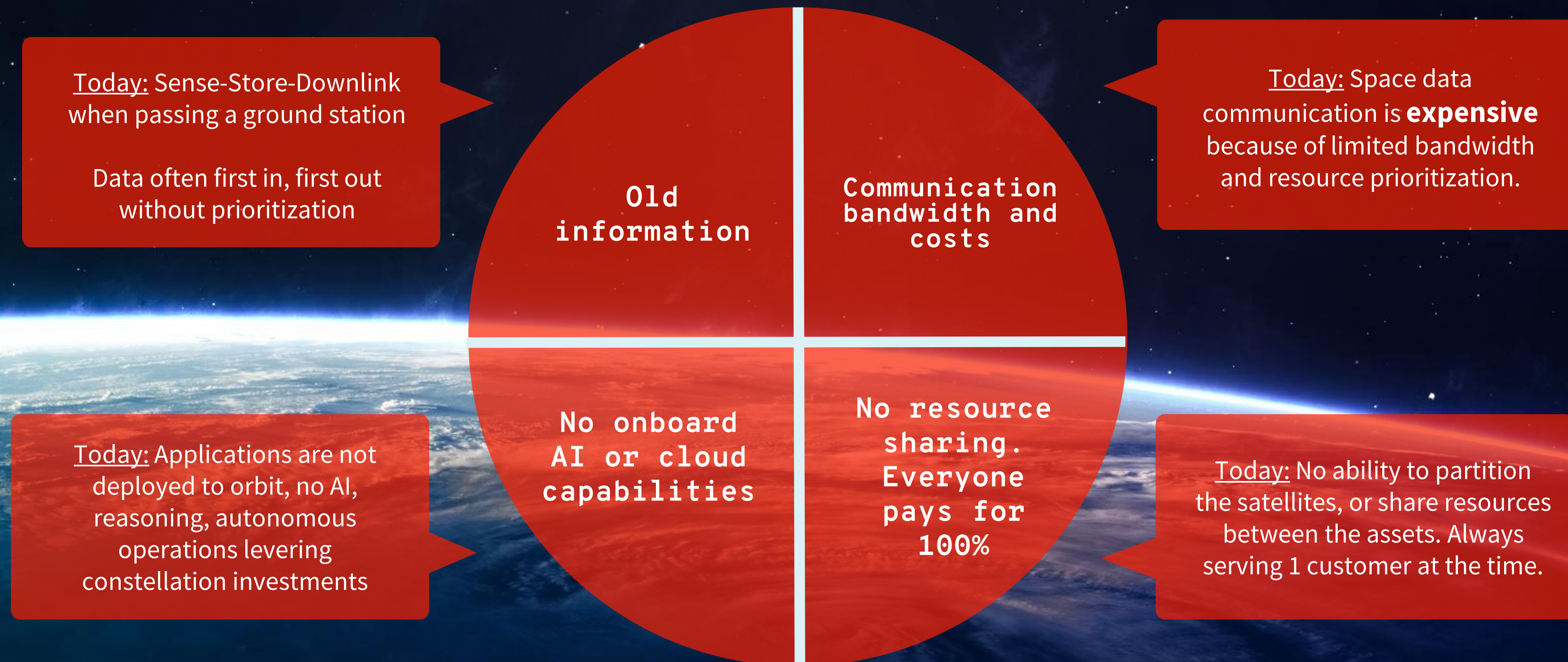
We are at the forefront of
defining the NewSpace economy

Current Market Environment

The market is there to catch!

- Increased access to space.
- Rapidly changing uncertain world situation.
- Increased interest in on-board computing, making us confident to invest for the future.
- Tier 1 customers drive higher requirements on our processes and operations.
- Constellations have been announced to be procured with a total investment of 100 BUSD, with edge computing in space as part of the requirements.
- Local presence will be required in some of the markets to catch the full potential.
- Competitors are entering the market.
- Unibap needs to stay ahead of the competition by investing in our leading products and solutions.

Space challenges and cost drivers



How we generate value to our clients – The unique benefits of "made in orbit"



Increase data processing capabilities with actionable information in **1-3** Minutes

Timely
Actionable
Information

Better use of
bandwidth and
Cost
reduction

Reduce mission cost by minimizing bandwidth usage with up to **99.9 %**

Reduce application deployment time. App has been adopted and deployed in orbit in **one** week instead of 6-18 months

Cloud, edge,
and storage
in orbit

Serve many
customers

Increase satellite utilization potential with **> 30** times or more, leading to increased revenue and profit.

Enabling fast, cost efficient and profitable business in orbit
Fewer satellites can do more with higher value!

The components of SpaceCloud®

Hardware

Flight Model (FM)
Engineering Model (EM)



Software Foundation

OS



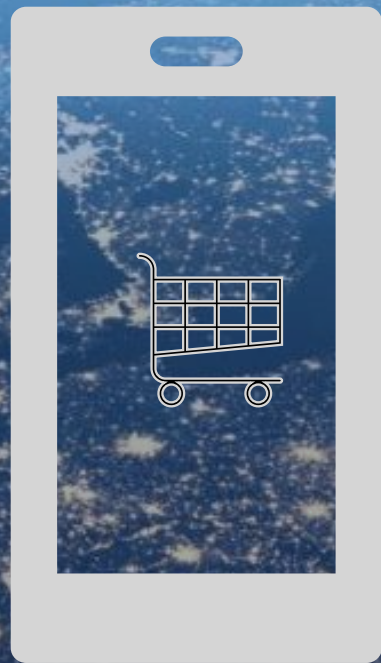
Frameworks



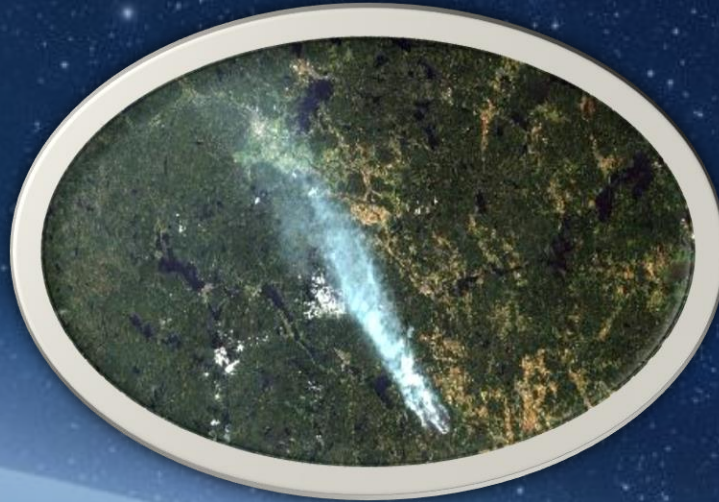
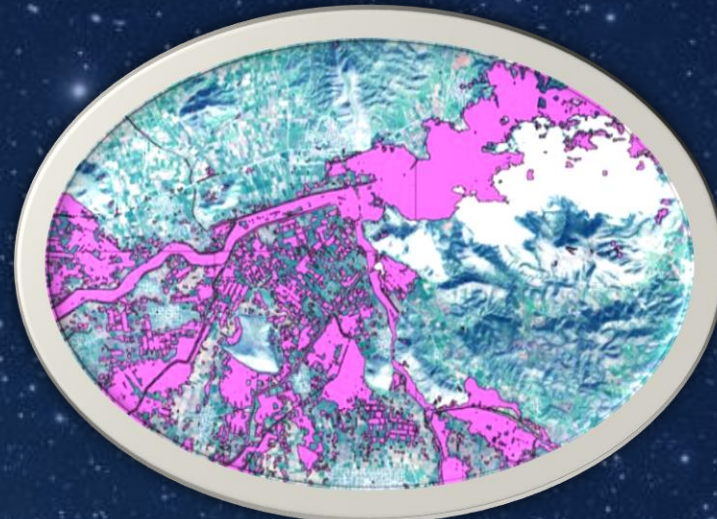
Development solutions



Appstore
(Under development)



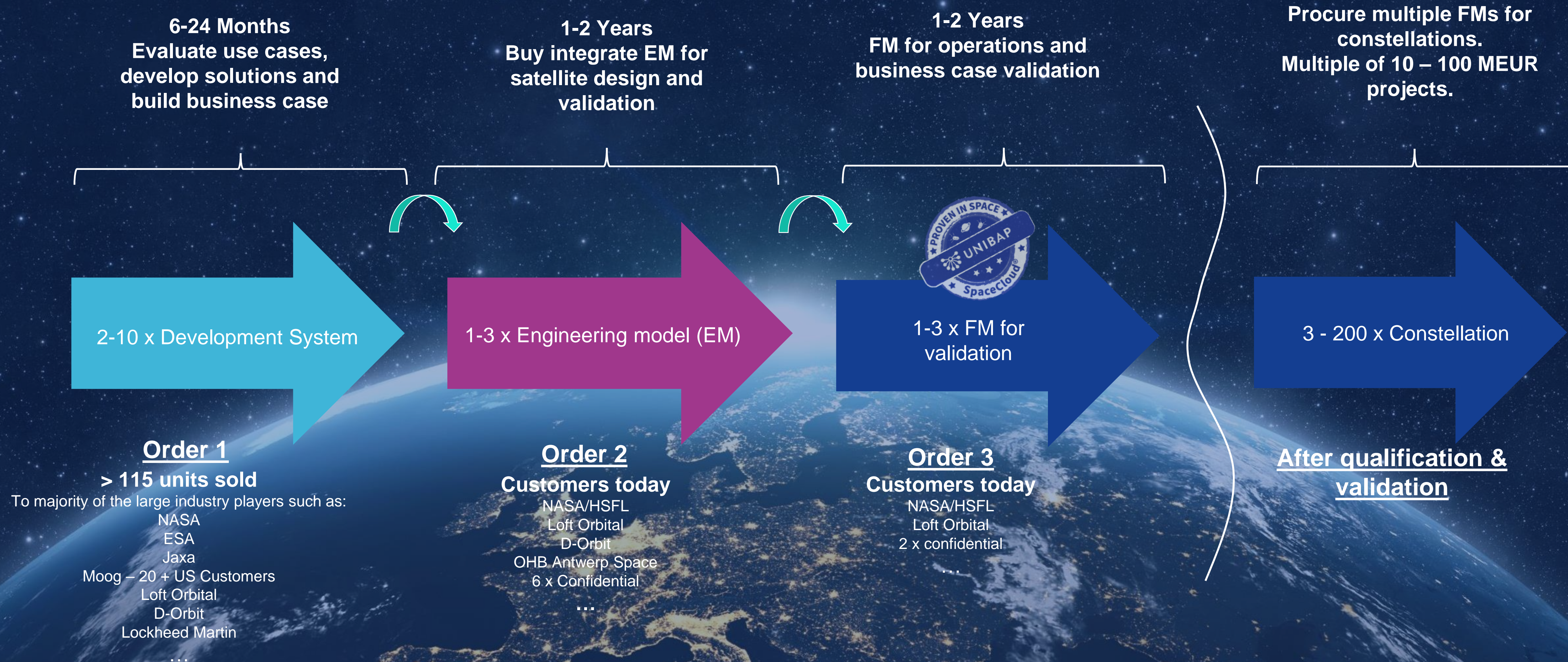
Apps (Own & Third party)



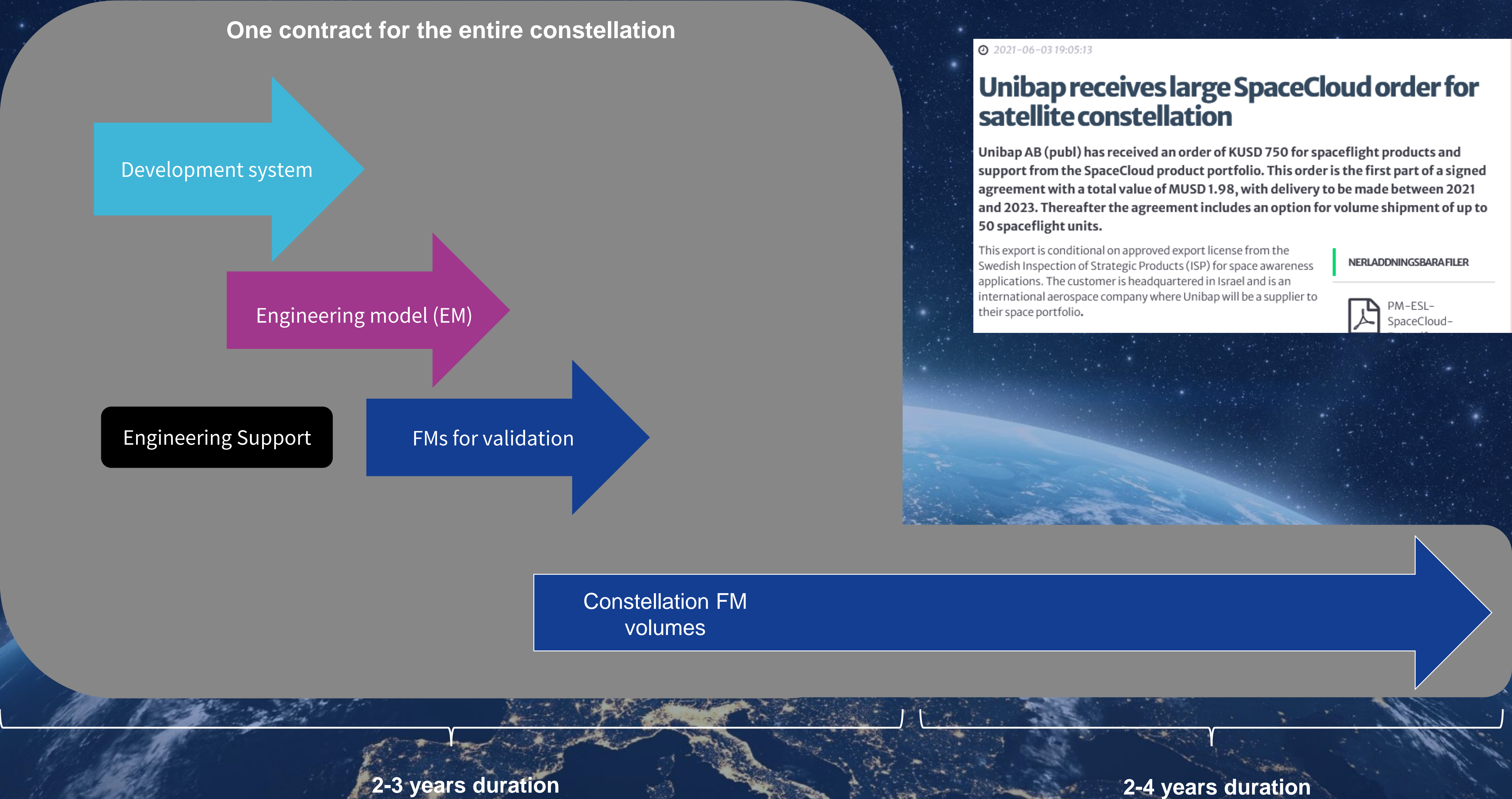
Technology sharing
with Earth



The typical customer journey during qualification and validation



The typical journey after being proven in space



In orbit Infrastructure market

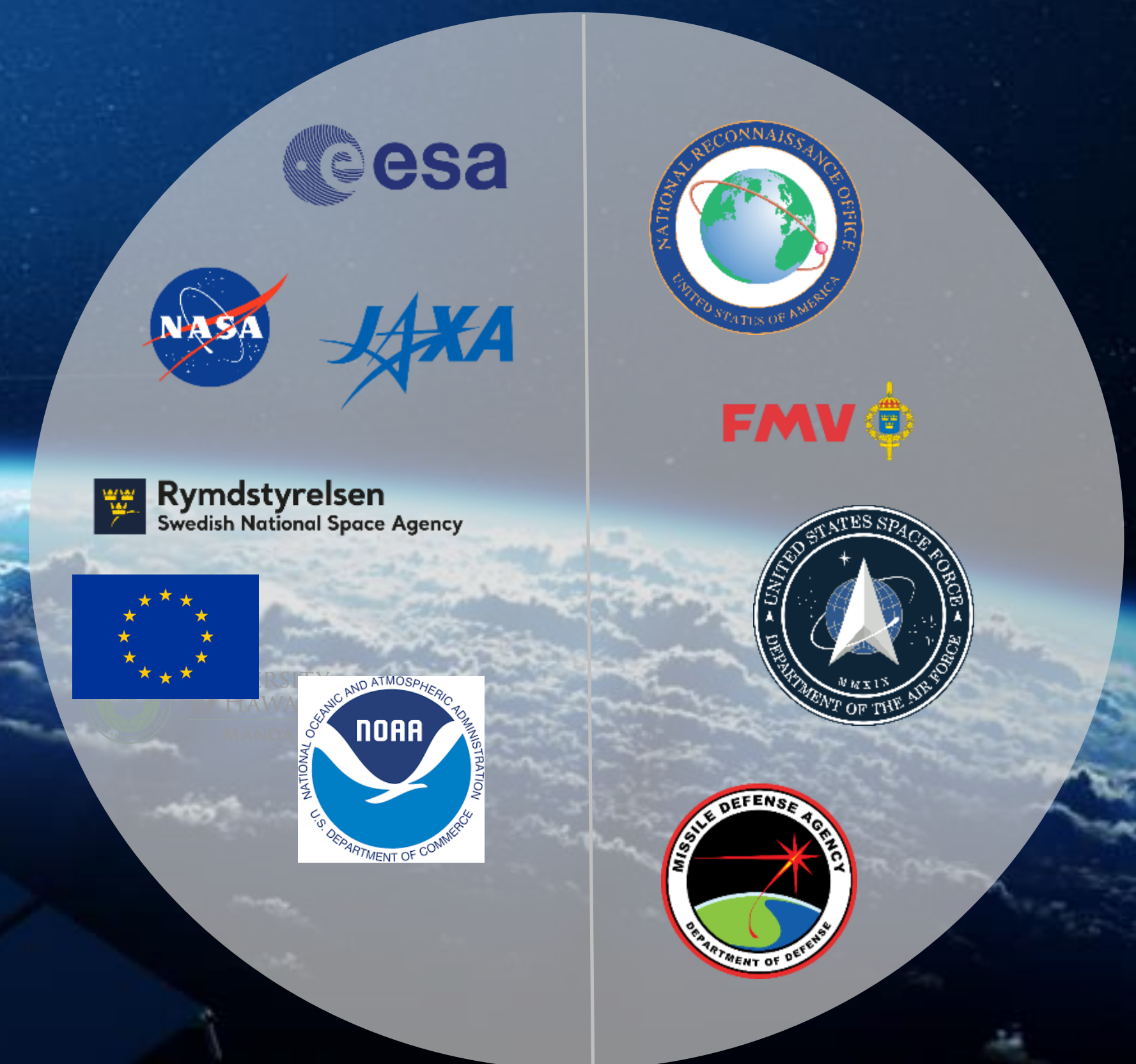
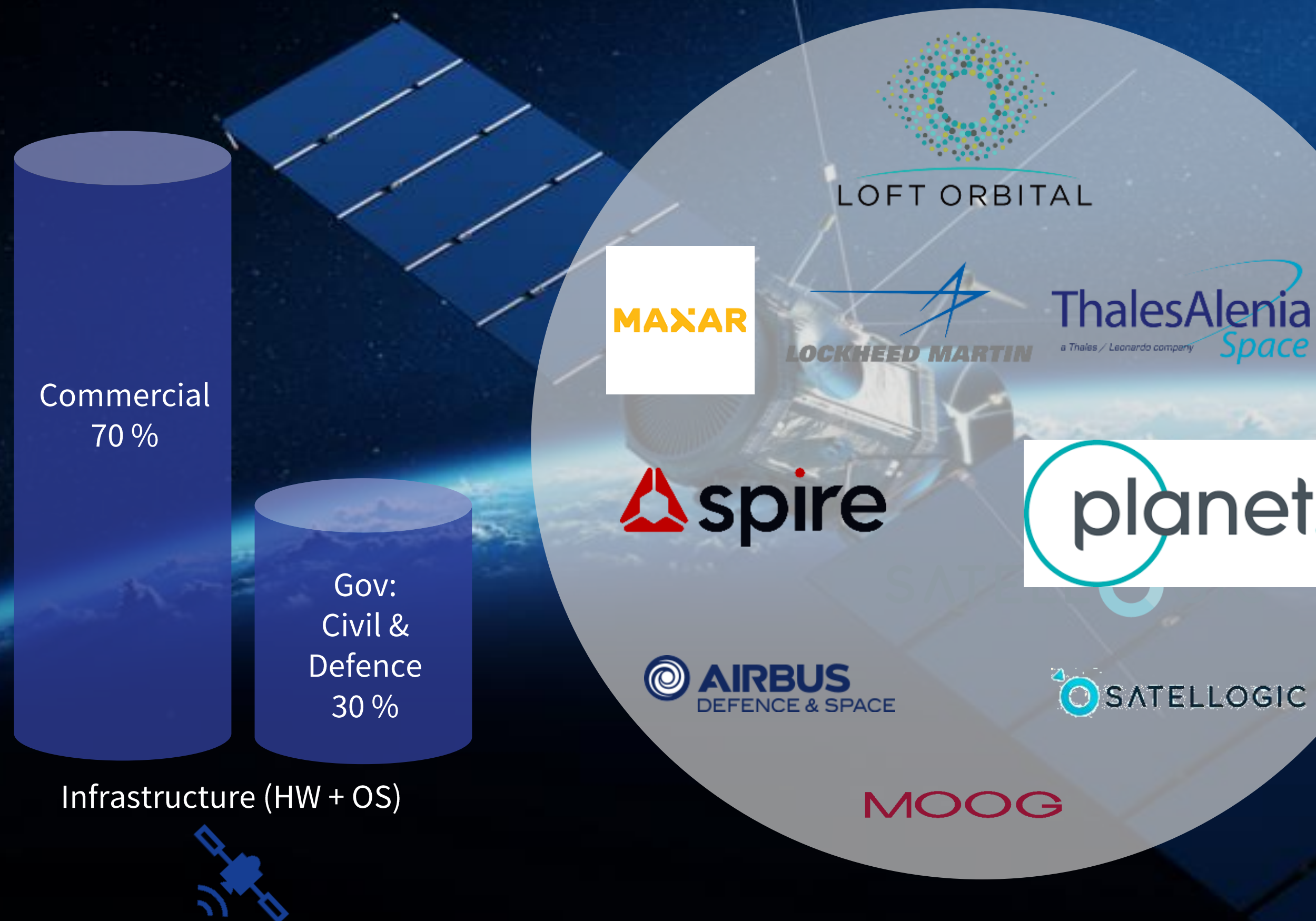
Satellite launches until 2040¹

> 40.000 satellites globally

> **19.000 potential computers for SpaceCloud²**

Commercial actor examples:

Governmental actor examples: Civil & Defence



1) FN International Telecommunication Union (ITU)
2) AI applications, weight ≥ 10 kg, ex China, Russia and embargo countries

Company logos are only to illustrate potential customers or partners in the area and do not in any way confirm a business relationship.

In orbit and on Earth Apps and Data market

Total Service provider market is estimated to **258 BUSD** in 2021³
The total space economy is expected to growth by 74 % by 2030³

Actionable information:
Breaking new ground and developing new business models



Company logos are only to illustrate potential customers or partners in the area and do not in any way confirm a business relationship.

Roadmap to success SpaceCloud® our business foundation

1. Building the foundation with SpaceCloud® infrastructure in orbit
2. Applications drive the satellite utilization potential and value of SpaceCloud®
3. Adds new possibilities to sell and process data

Production
capacity for 100
units per year pace

Production
capacity for 200
units per year pace

Data,
processing
& Analytics

3rd Party
Apps

Unibap
Apps

SpaceCloud®
OS & Services

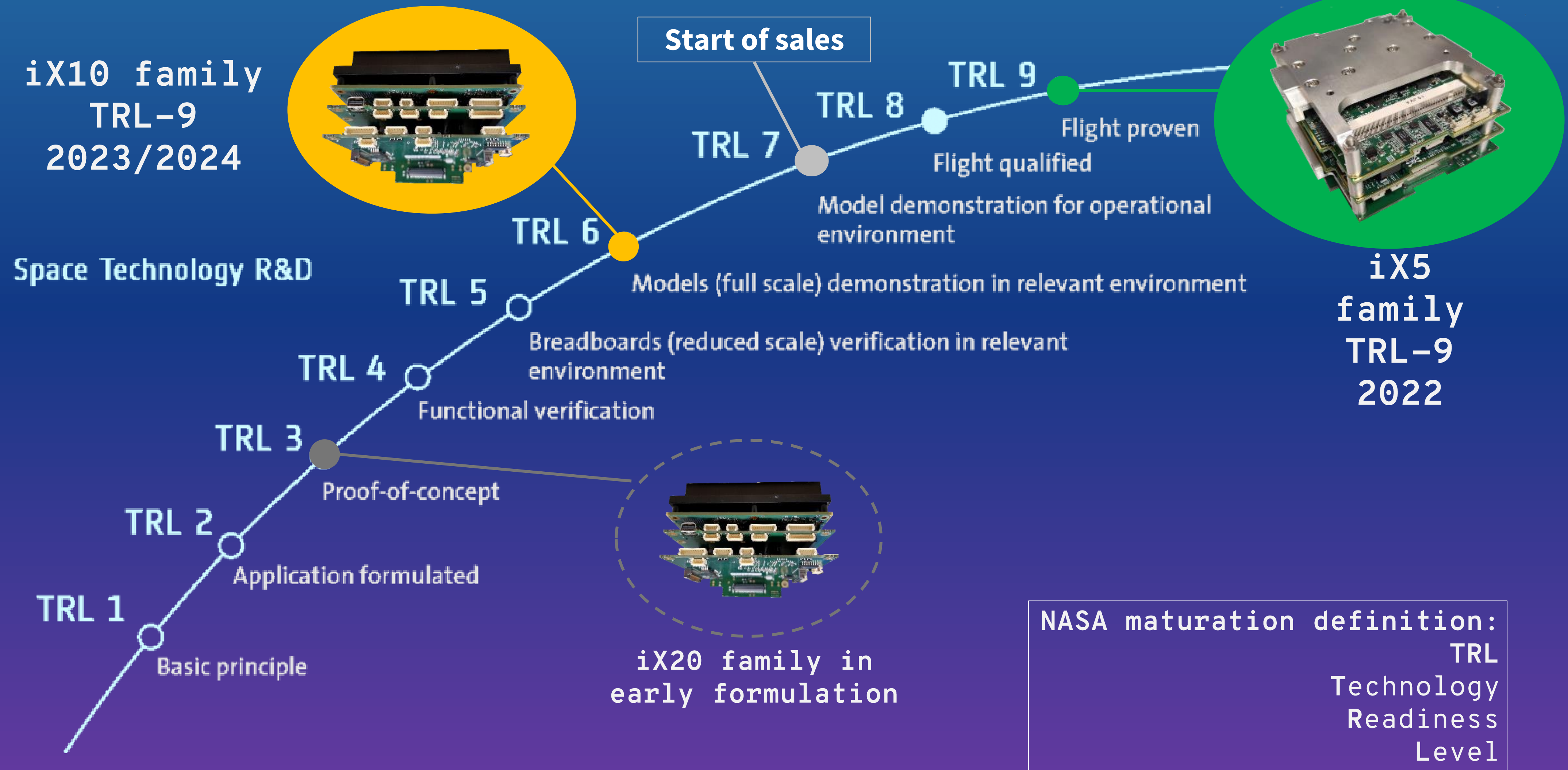
SpaceCloud®
Infrastructure

2024

2025

Time

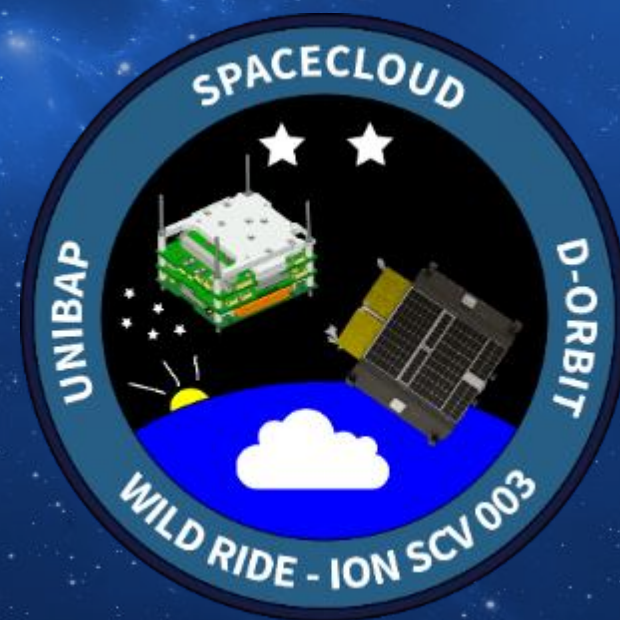
Product status: SpaceCloud® infrastructure



SpaceCloud® in space



SPACE PROVEN
Edge, Cloud, Storage, Machine Learning



Launched
June 30, 2021



Launched
January 13, 2022



Accomplishments in 2022

Prepared Unibap for volume infrastructure orders

- Flight proven iX5 (TRL-9)
- Proven operations in space (e.g, data model, updating and installing apps on orbit)
- New office for growth
- Establish production facility, including clean room for low volume production
- Improved QMS, processes and product documentation to Tier 1 customers
- Recruited more engineers, new CEO, new business area manager
- Secured inventory of key components to mitigate negative effects of component shortage and avoid further re-designs and re-qualifications
- Initial production of iX10 family after several re-designs due to component shortage
- Long-term partner agreement with Saab Emerging Technologies

Priorities in 2023

- Finish the iX10 family and release it on the market
- Scale production and delivery organization for volumes of **100** FM per year
- Continue iX20 development to maintain our lead on competition
- Continue to investment in certifications, processes and tests for Tier 1
- Increase the value offering with software applications in SpaceCloud
- Increase support organization
- Establish US presence for technical support and Government business
- Strengthen product management organization

Management



Johan Åman
Incoming CEO



Lena W Jansson,
Acting CEO &
Head of comms and talent



Fredrik Bruhn,
Chief Evangelist &
Co-founder



Mathias Persson,
Head of In-Space
Technologies



Richard Peterson Wigh
Head of On-Earth
Applications



Jens Lagergren
CFO

Board of Directors



Ingrid Engström
Chairperson



Andras Vajlok



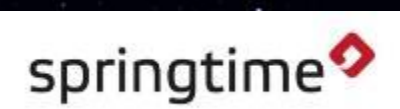
Dr. Fredrik Bruhn
Co-founder



Karin Nilsson



Kye Andersson





Time critical Actionable Information

Made in
orbit