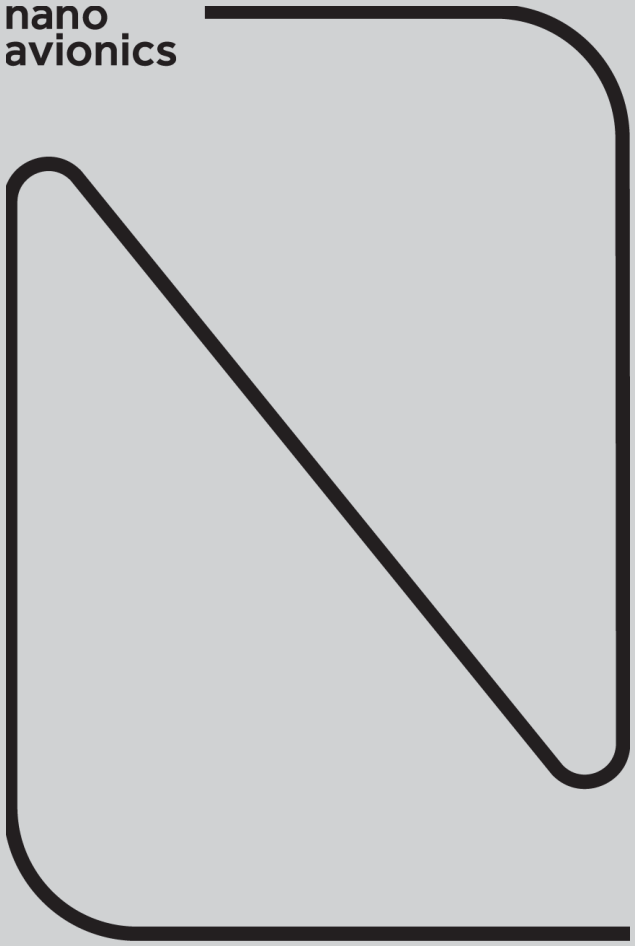

NewSpace 3.0: Advancing Earth Observation through Standardization

Augustinas Lubys, Head of Business Development

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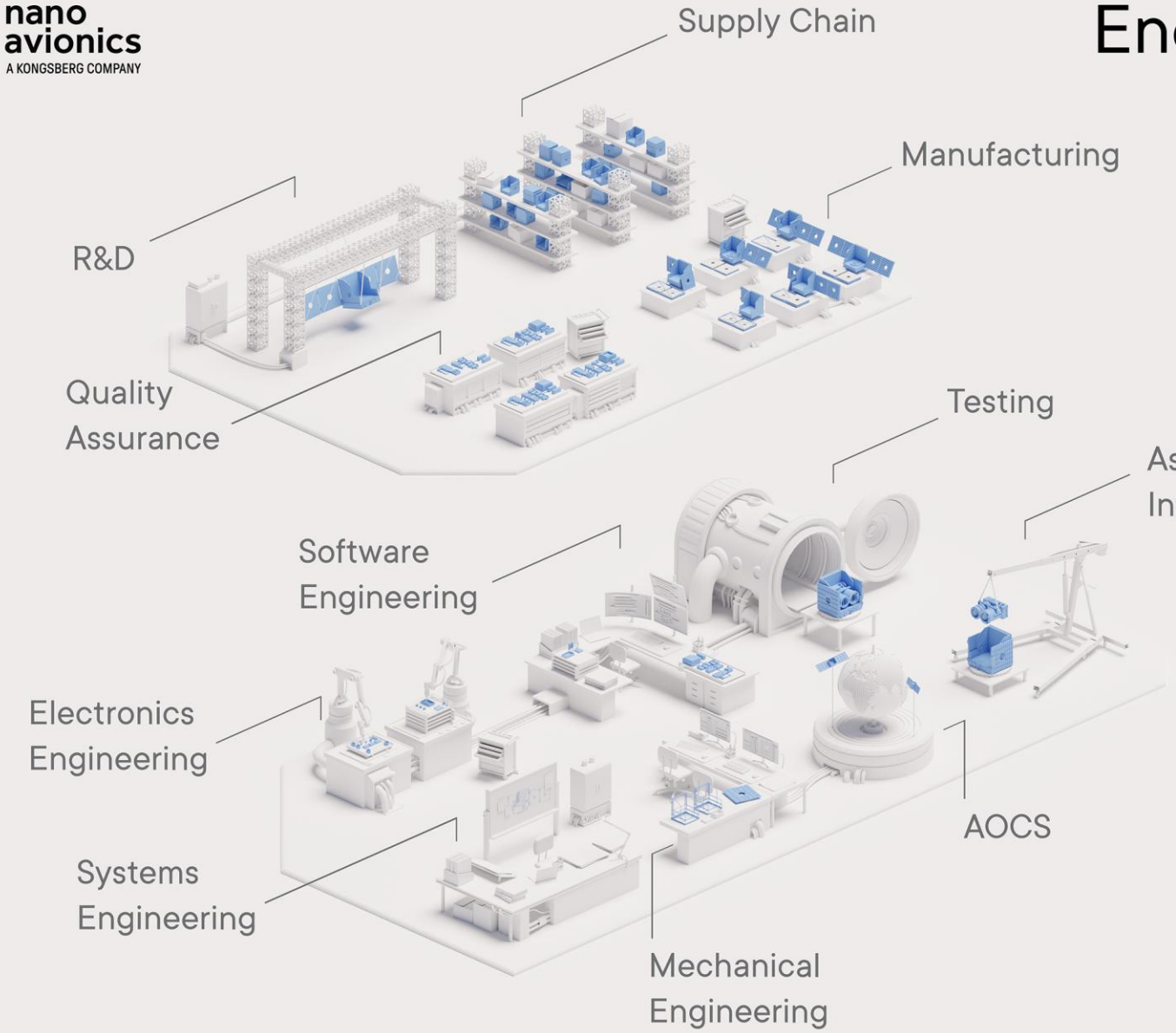
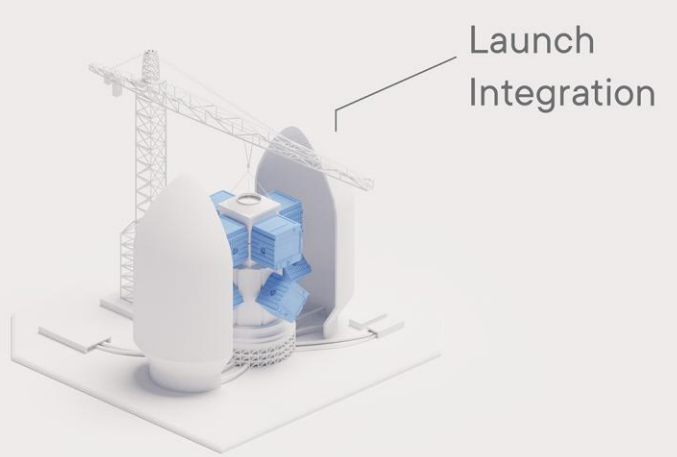
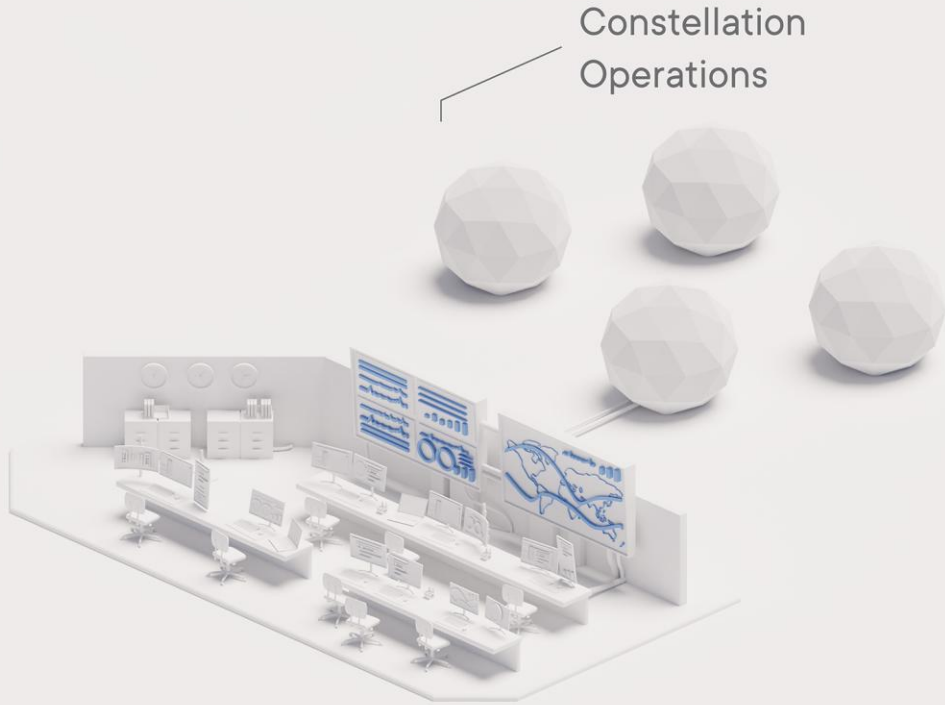
End-to-end Mission Integration







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80+

Ongoing satellite projects

45+

Dedicated missions launched for our Customers

250+

Qualified engineers and personnel working in our team

4

Offices & AIT facilities across the globe (US, EU)

35+

Countries our products have been shipped to

KONGSBERG

Owned by Kongsberg Defense & Aerospace – a technological powerhouse

NewSpace 3.0: Setting the NewSpace Performance Standard

Bridging the gap between OldSpace reliability requirements and NewSpace agility

First contact success rate:

100%

Industry average

95,6%*

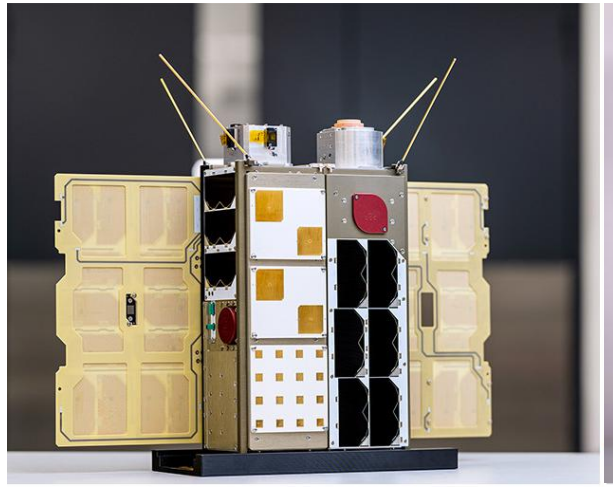
Mission full lifetime success rate:

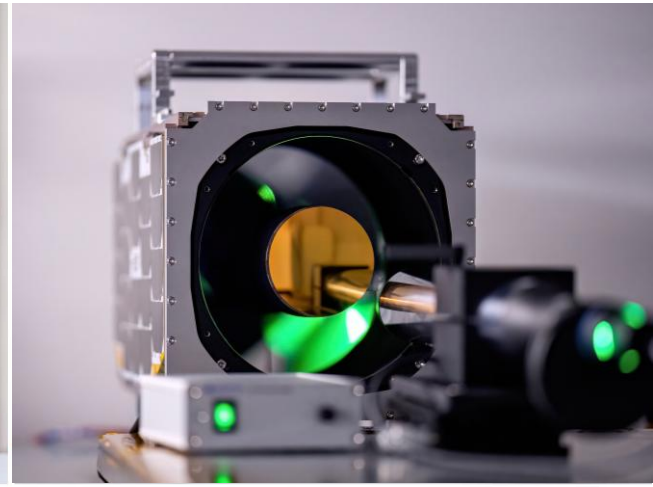
93,02%

Industry average

72,69%**

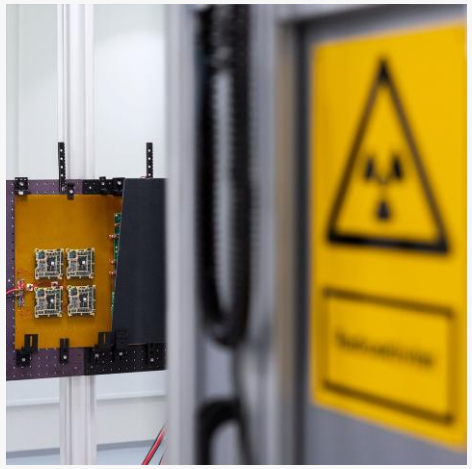
* Source: Council of European Aerospace Societies' research (2023)





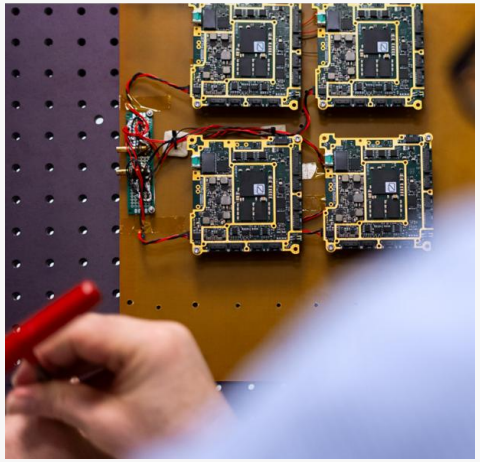
High Quality Assurance Standards

Emphasis on Radiation Testing



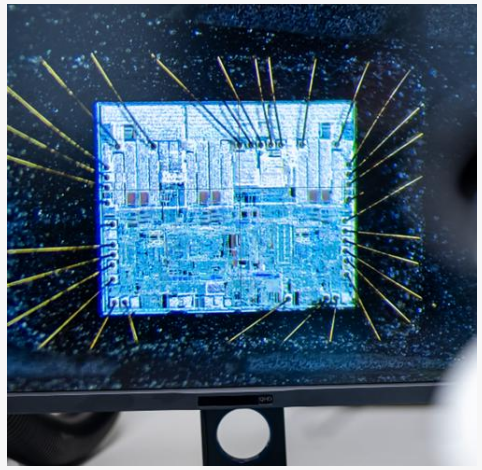
- TID, Heavy Ion testing
- High Energy Proton testing

Quality Assurance



- Rigorous component selection and testing, shaped by defense industry standards
- Burn in tests

Comprehensive Project Management



- Risk management
- Continuous contingency planning

Kongsberg NanoAvionics Earth Observation Payloads

Payloads used with our buses

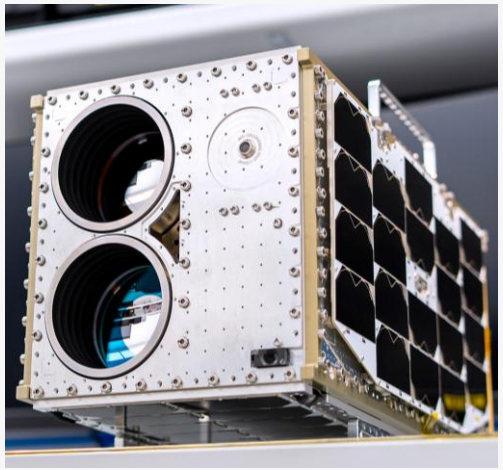
- Meter-class resolution RGB
- UHD video livestreaming
- Multispectral
- Hyperspectral
- Thermal infrared
- Synthetic Aperture Radar

20

Earth Observation customers using our buses

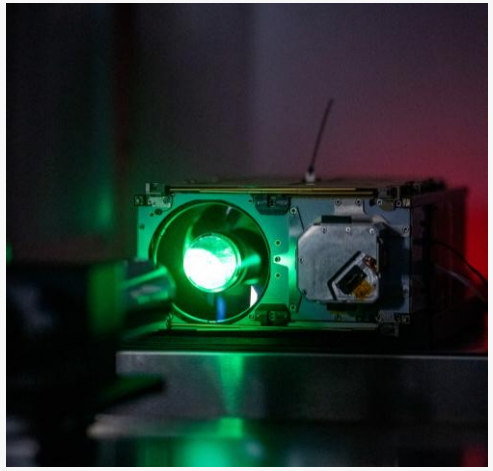
Kongsberg NanoAvionics Highlighted Earth Observation Missions

Satlantis (2022-2024)



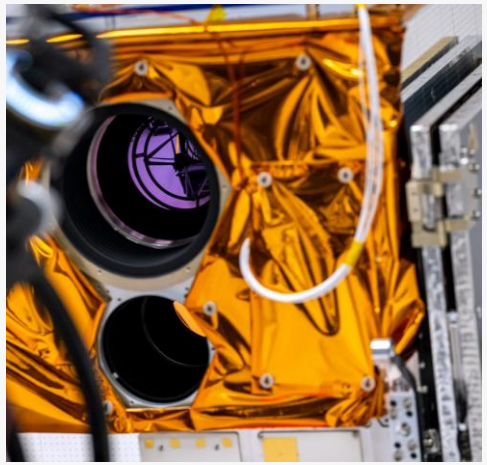
- Three 16U satellites
- 1.8m GSD iSIM-90 VNIR-SWIR Imagers
- Provides border, coastal, greenhouse gas, and environmental monitoring

Lemu Nge (2024)



- 6U satellite
- Collects 4.75m GSD hyperspectral data
- Mapping Earth's biosphere and addressing the biodiversity crisis

ConstellR (2024)



- MP42 microsatellite
- Long-wave infrared (LWIR) and visible and near-infrared (VNIR) cameras
- Measure land surface temperature and detect plant heat stress

D2/Atlacom-1 (2021)

- 6U rideshare satellite
- 16m native, 36m hyperspectral GSD
- Sold to an EO company after 1 year of operations

Earth Observation Missions – Visuals from Satellites made by NanoAvionics

Image from M6P nanosatellite. Credits: Lemu.

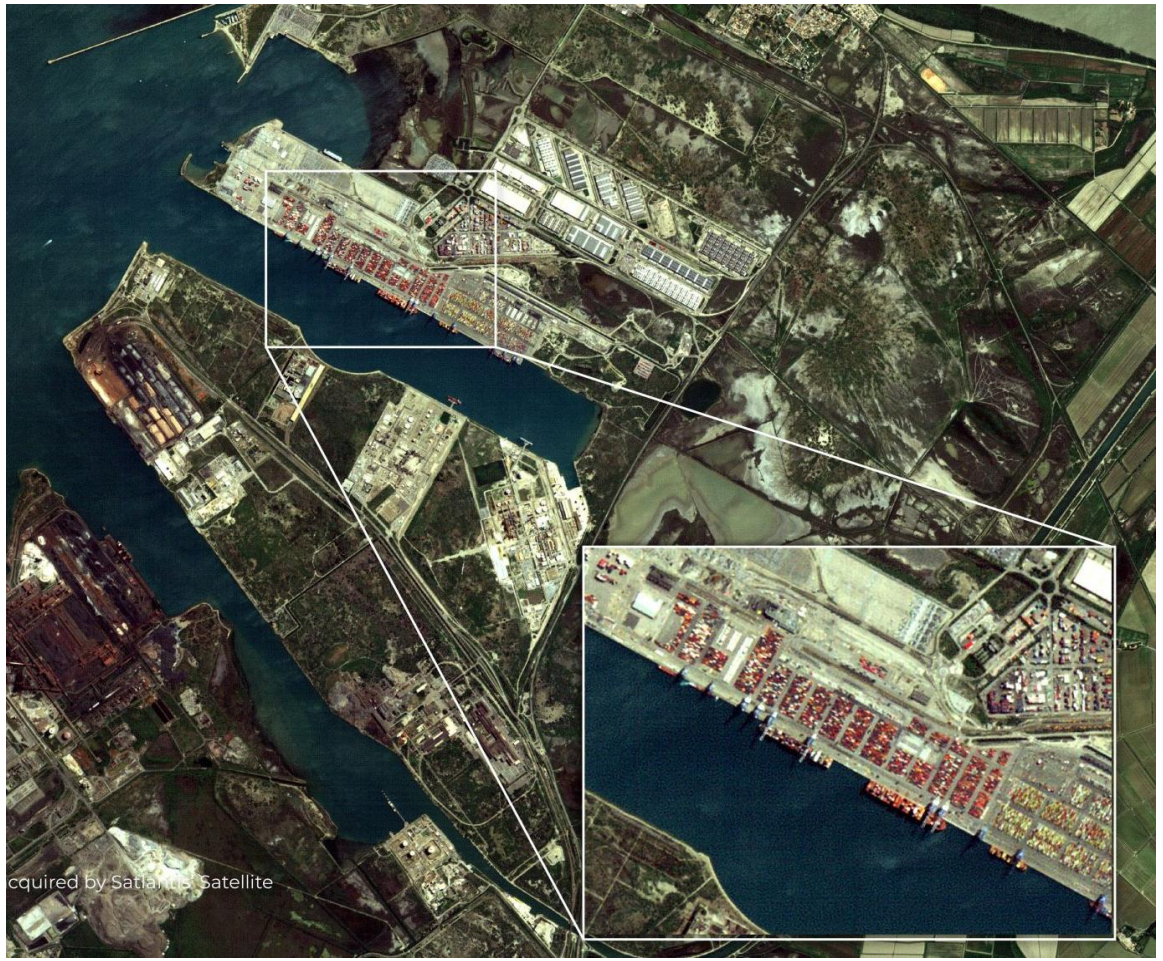
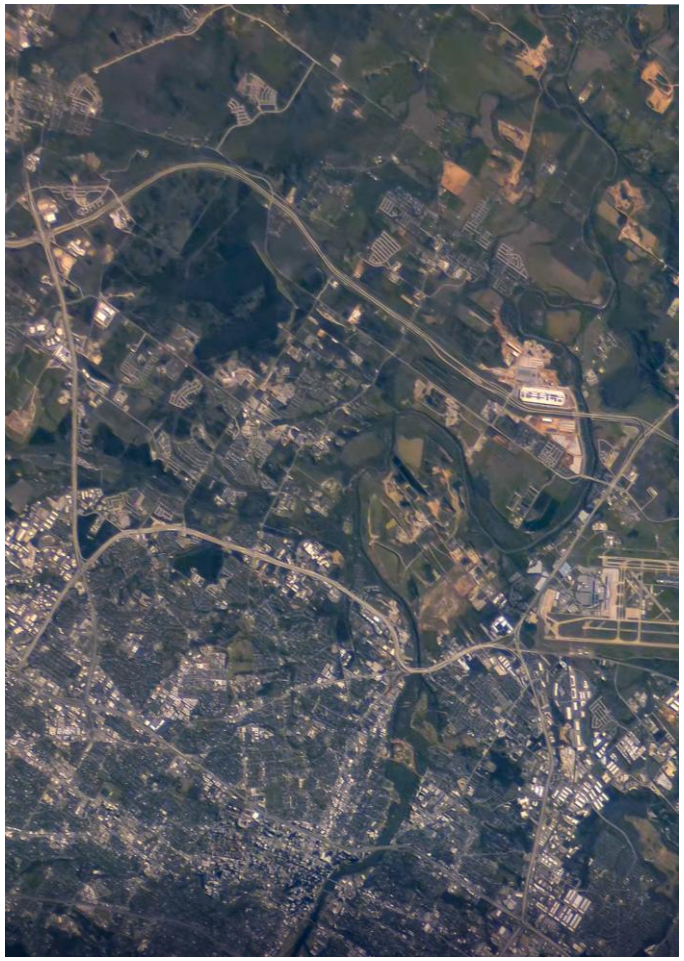


Image from M16P nanosatellite. Credits: Satlantis.



10m GSD video frame from M16P nanosatellite. Credits: Sen

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Emerging Market Opportunities

Earth Observation satellites launch over the next decade

Launch increase:

190%

* Source: Novaspace report (2024)

Satellites to be deployed:

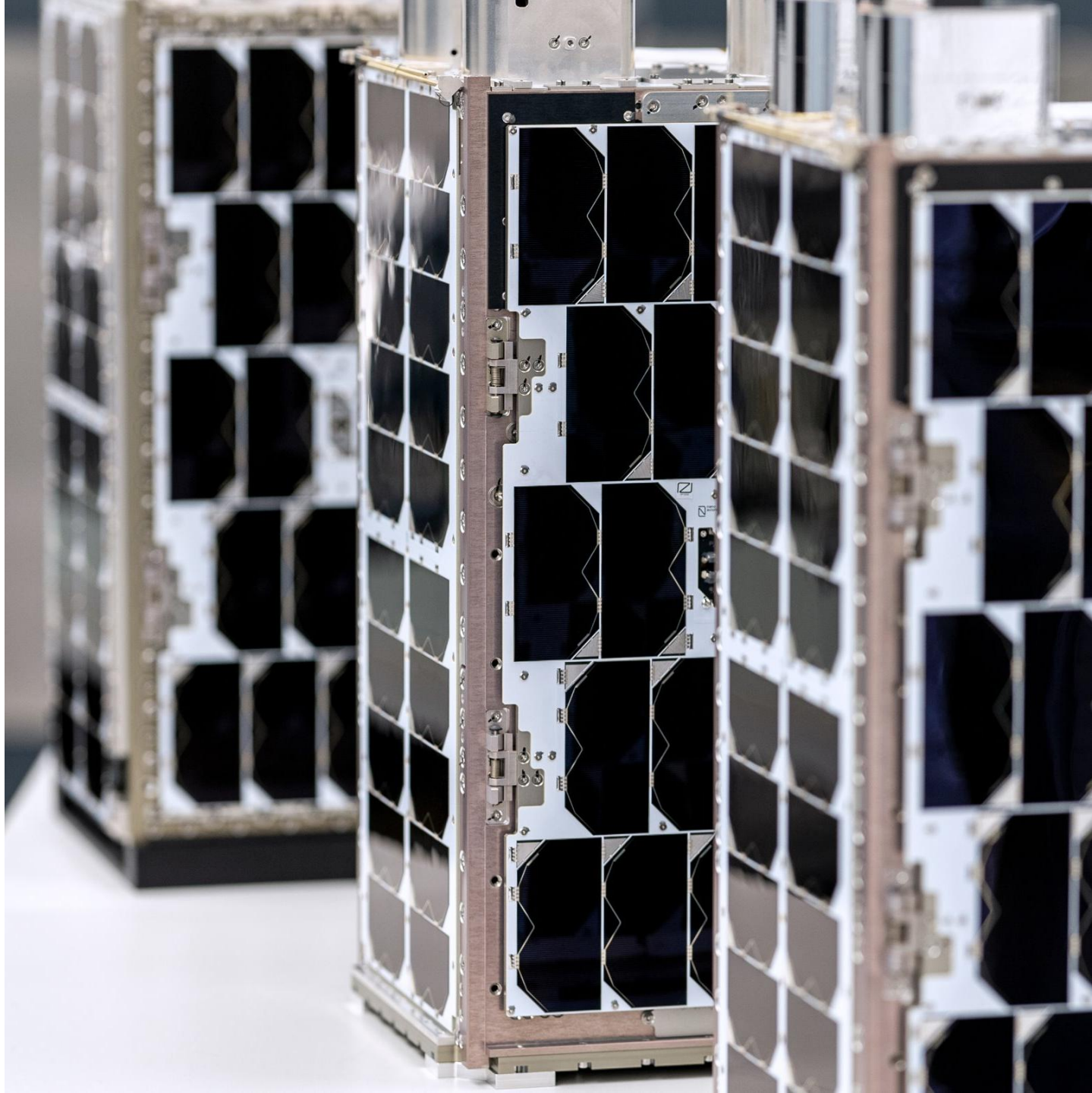
5401*

Previous decade

1864

Preparing for EO constellations

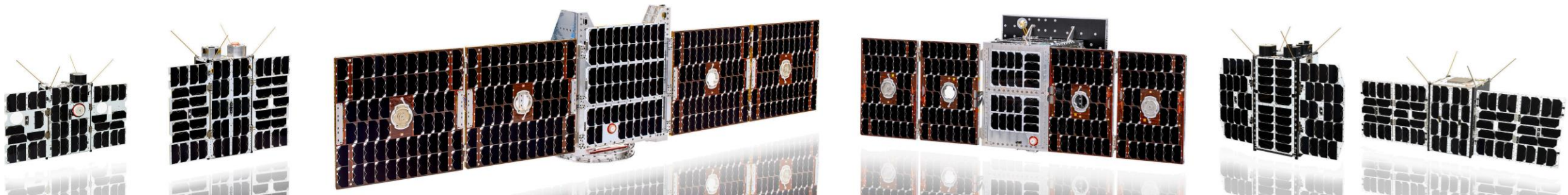
NanoAvionics already has ramp up ongoing ramp up activities for a serial production facility

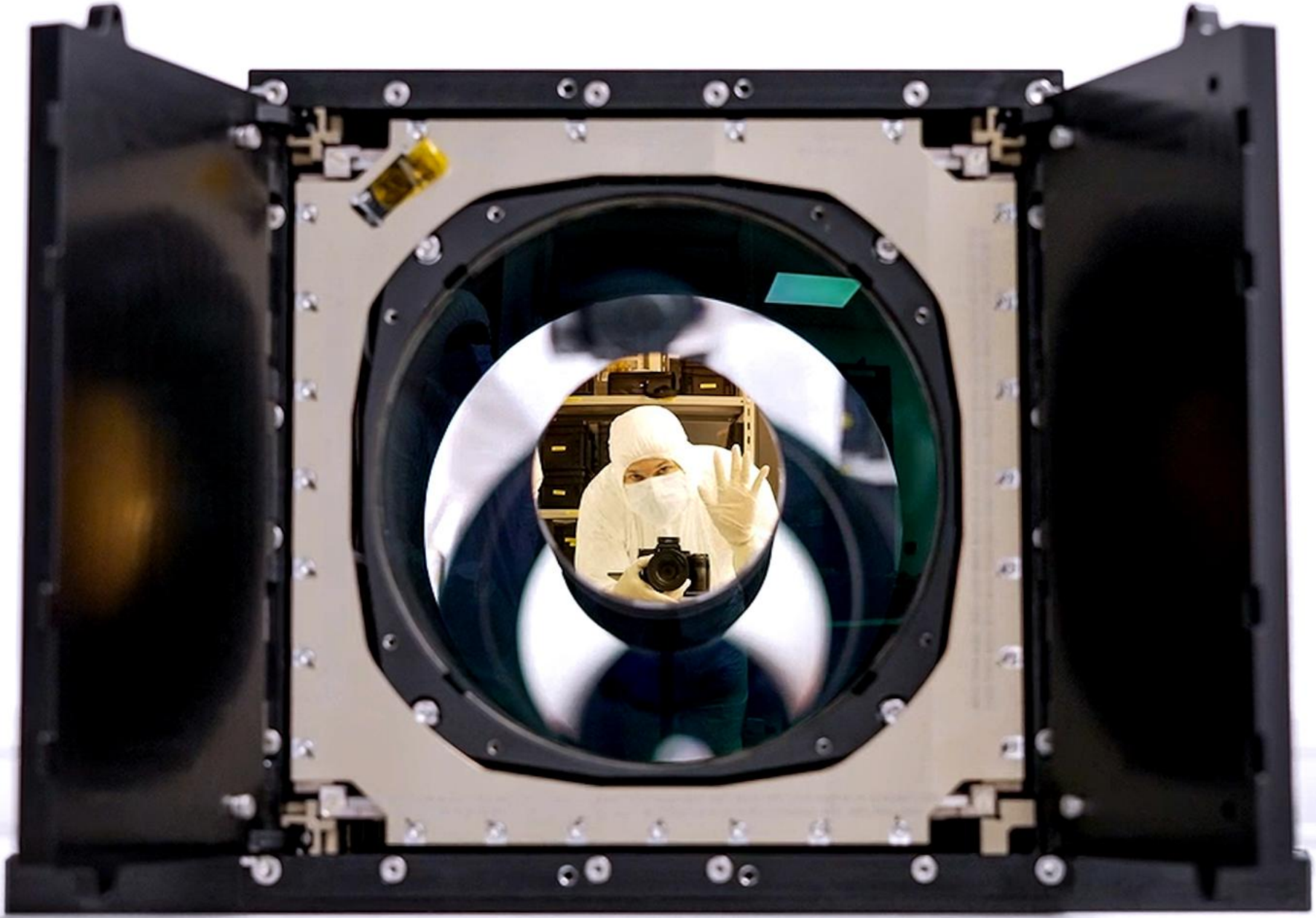


Standardization of Satellite Buses

- Cost and schedule efficiency
- Reduce repetitive engineering tasks
- Streamline spacecraft operations for scalability
- Enhance reliability over time
- Increase space accessibility

Speedy manufacturing at scale assuring utmost quality to improve costs to space and time in space





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