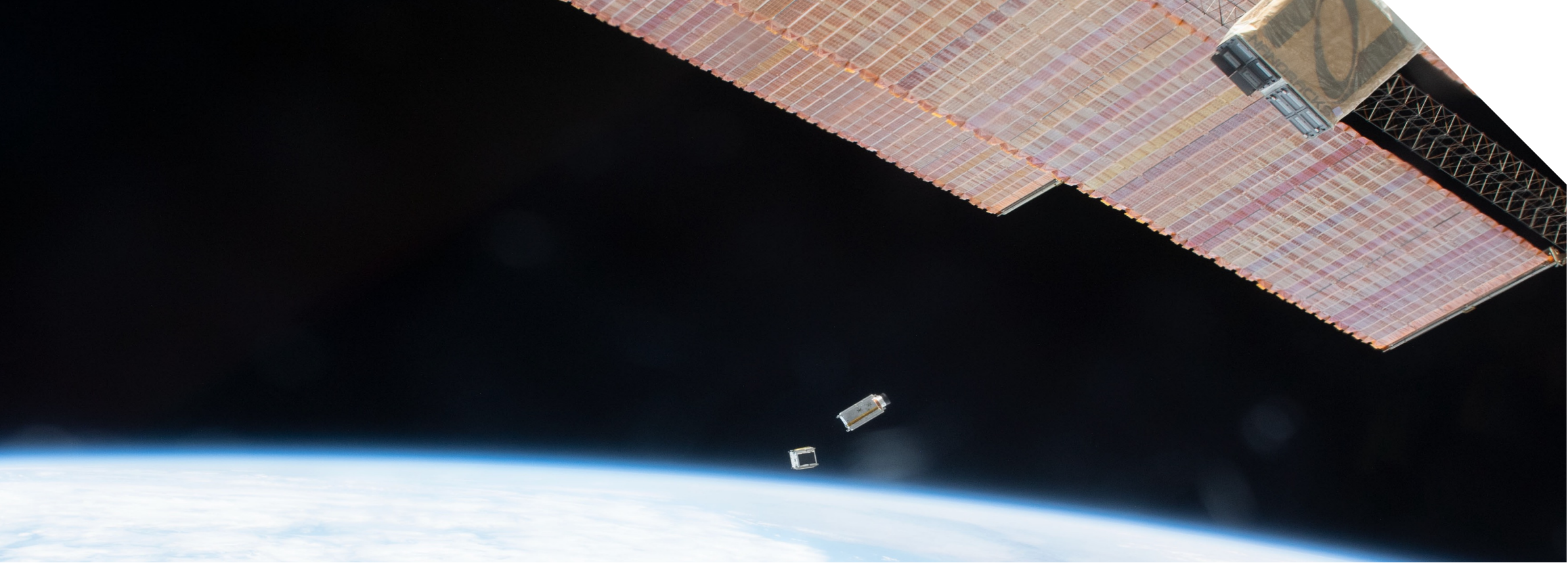


# Your Ticket to Space 2.0

SatRev company overview

SATREV





# ABOUT SATREV

We provide a team of over fifty highly motivated space professionals from multidisciplinary areas giving us edge over providing the best possible solutions for emerging challenges.

**SatRev** has deployed 11 satellites into the Low Earth Orbit and we are on the way to deploy more by the end of 2023 . Constant work is being done on integrating our solutions with partners all around the world to provide highest quality service for our customers.



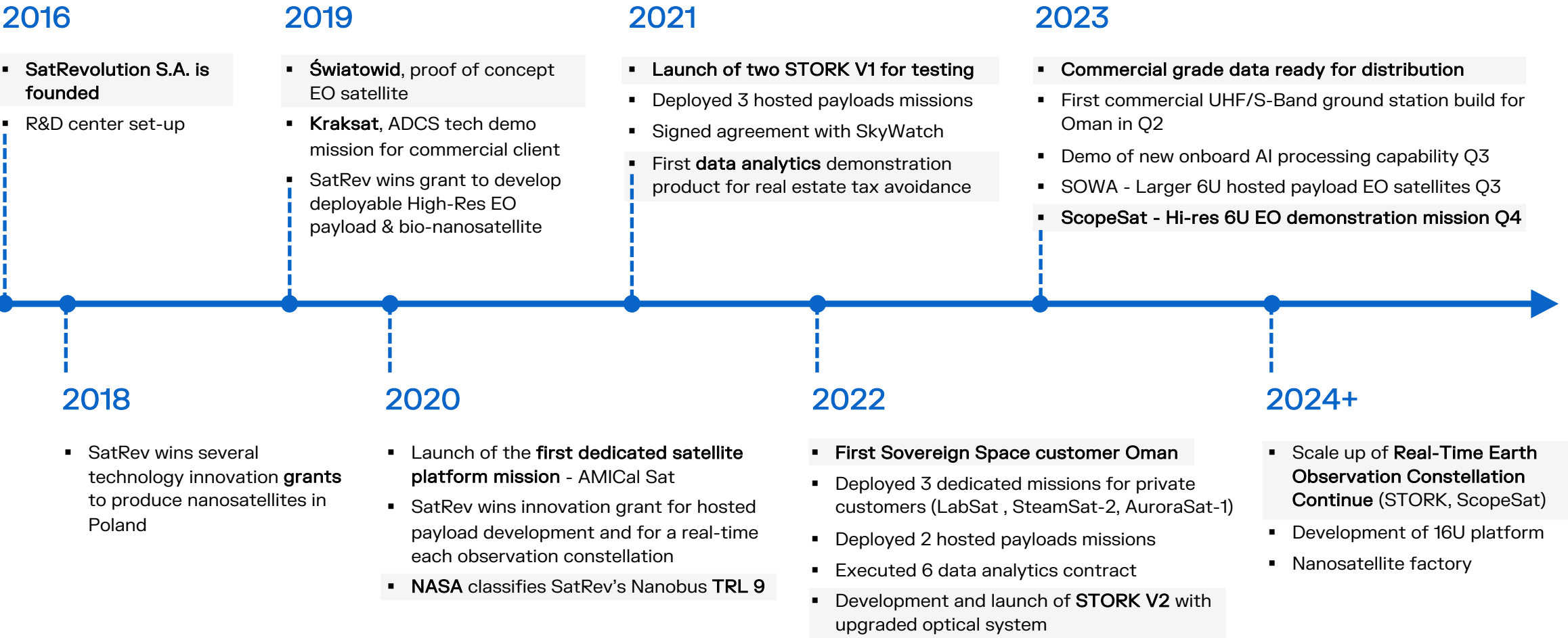
# About SatRev

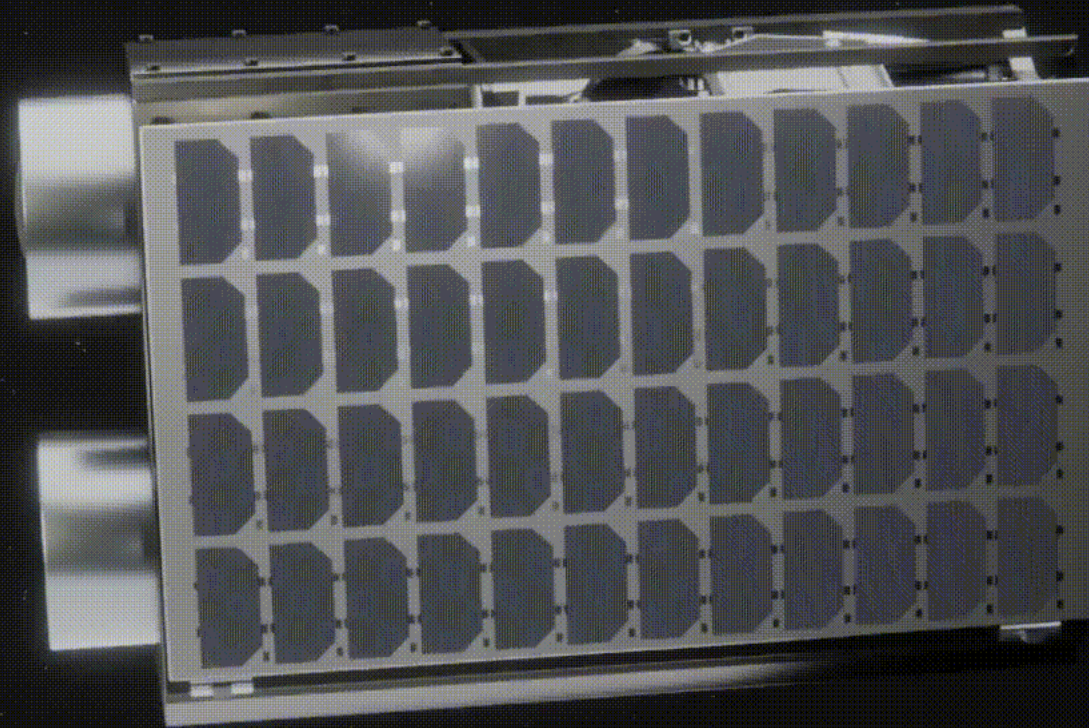
- Established in 2016
- Company providing complete nanosatellite systems and solutions
  - Satellite platforms/modules/instrument design, manufacturing, testing, applications
- HQ in Wrocław's PORT campus – Polish Center for Technology Development
- Company expertise in:
  - Electrical, communication, command & data handling and avionics systems engineering (design, analysis, hardware, test)
  - Earth observation instrument development
  - EO data-analysis and processing system development
  - Embedded software
  - Mission operations
- Testing facility and cleanroom class (ISO 14644 1): ISO 7 for small satellite development and integration



Specialized Engineer working on one of the satellite components in our Cleanroom Facility.

# Technology roadmap







# We are a Team of Seasoned Entrepreneurs and Experts



Grzegorz Zwoliński

Chief Executive Officer  
Co-founder

- Serial tech entrepreneur (The Dust, T-Bull)
- Successful satellite projects (KRAKsat, AMICal Sat)
- Member of the Council of the Polish Space Agency



Radosław Łapczyński

Chief Technology Officer  
Co-founder

- Deep experience in research and development projects (including space mission planning)
- Manager in several hi-tech, consulting and Research and Development companies



Damian Fijałkowski

VP of Finance  
Co-founder

- CEO of T-Bull (highly successful Polish mobile gaming company)
- Experienced big data management and database design and management



Krzysztof Fijak

Director of R&D



Andrzej Głuchowski

Chief Financial Officer



Riccardo Cattaneo

Investor Relations  
Manager

# Climate Change Impacts Are Causing Significant Economic Damages

*Current solutions are expensive, not readily available, and provide only daily monitoring cycles*



- Climate change and environmental hazards reduce crop yields
- Fires, landslides, and floods endanger landscapes and biodiversity
- Catastrophic weather events impact population and destroy critical infrastructure
- Decaying or damaged infrastructure endangers human life and causes distress to transportation, supply chains and logistics



Satellite imagery can address and mitigate these issues but needs to be **accessible, timely and cost-effective**

# Cost-Effective Satellite Missions Enable Comprehensive Data Analytics Services

*Vertically integrated satellite imaging business provides near real-time diversified data services*

## Space Systems

- Comprehensive satellite mission services (full mission, hosted payload)
- In-house design & manufacturing of innovative nanosatellites
  - Miniaturized high-resolution satellites for low cost, faster orbital deployment
- Strategic launch partnership with



## Space Applications

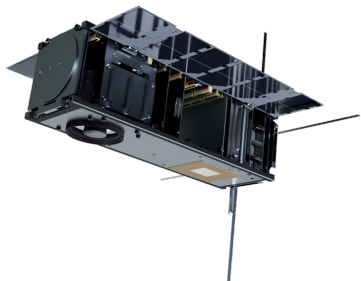
- Future constellation of 1,000+ nanosatellites for near real-time monitoring (**30-minute revisits**)
- Enables insights across a **wide variety of industries and applications**
- **Data services:** on-board & on-ground data processing and proprietary analytics-as-a-service
  - Serving the **Mid-<sup>1</sup> and Hi-<sup>2</sup> resolution** markets

<sup>1</sup> Medium resolution refers to 5m per pixel

<sup>2</sup> Hi-resolution refers to <1m per pixel

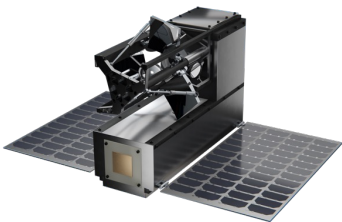


# SatRev's technology based on certified TRL9 platform



**STORK**  
Mid-res

[check the video here](#)



**SCOPESAT**  
Hi-res

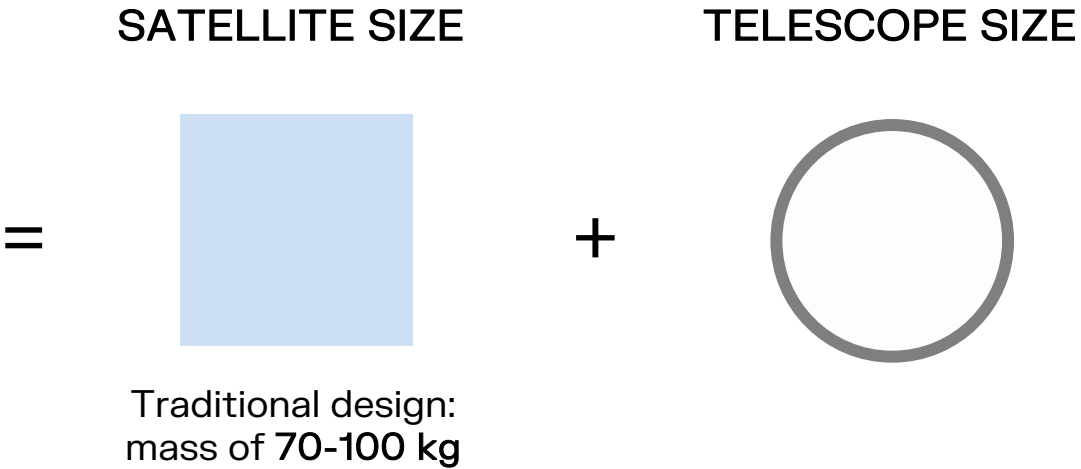
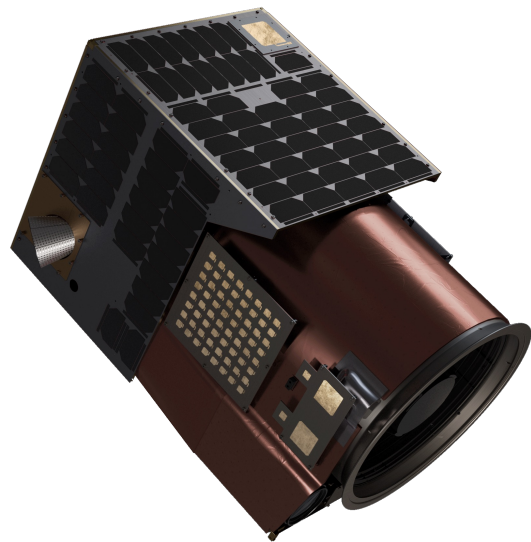
[check the video here](#)

Satellite name	Spectral bands	Image resolution	Mass	Size	Products	IP	Entry barriers
<b>STORK</b> <i>with Mid-res capabilities</i>	RGB+NIR	5 metres	5 kg	3 units	<ul style="list-style-type: none"><li>Hosted Payload Missions</li><li>On-board processing</li><li>Data &amp; analytics</li></ul>	<ul style="list-style-type: none"><li>Vision300</li><li>Bus design</li><li>Assembly know-how with bespoke firmware</li></ul>	Ready-made functional unit (satellite + ground station)
<b>SCOPESAT</b> <i>with Hi-res capabilities</i>	RGB+NIR → up to 64 bands	<1 metre	12 kg	6 units	<ul style="list-style-type: none"><li>On-board processing</li><li>Data &amp; analytics</li></ul>	<ul style="list-style-type: none"><li>STORK technology heritage</li><li>Breakthrough DeploScope* technology (under development)</li></ul>	Minimization of size and weight of the satellite through the foldable telescope

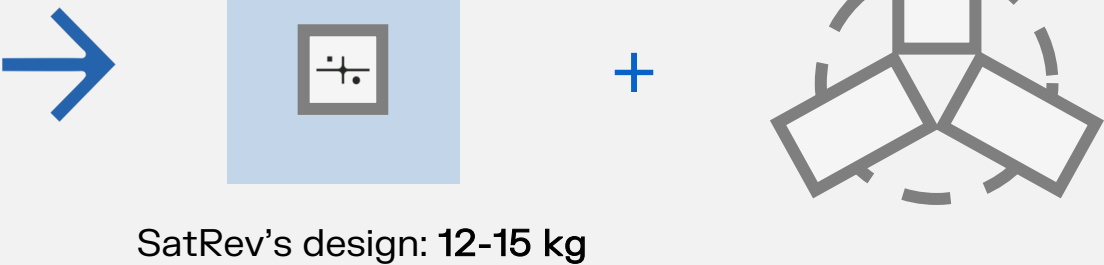
\***DeploScope** - optical instrument allowing to achieve sub-meter resolution, using deployable primary mirror with autonomous steering algorithm

# A foldable telescope to provide unprecedented intelligence

OTHER OPERATORS

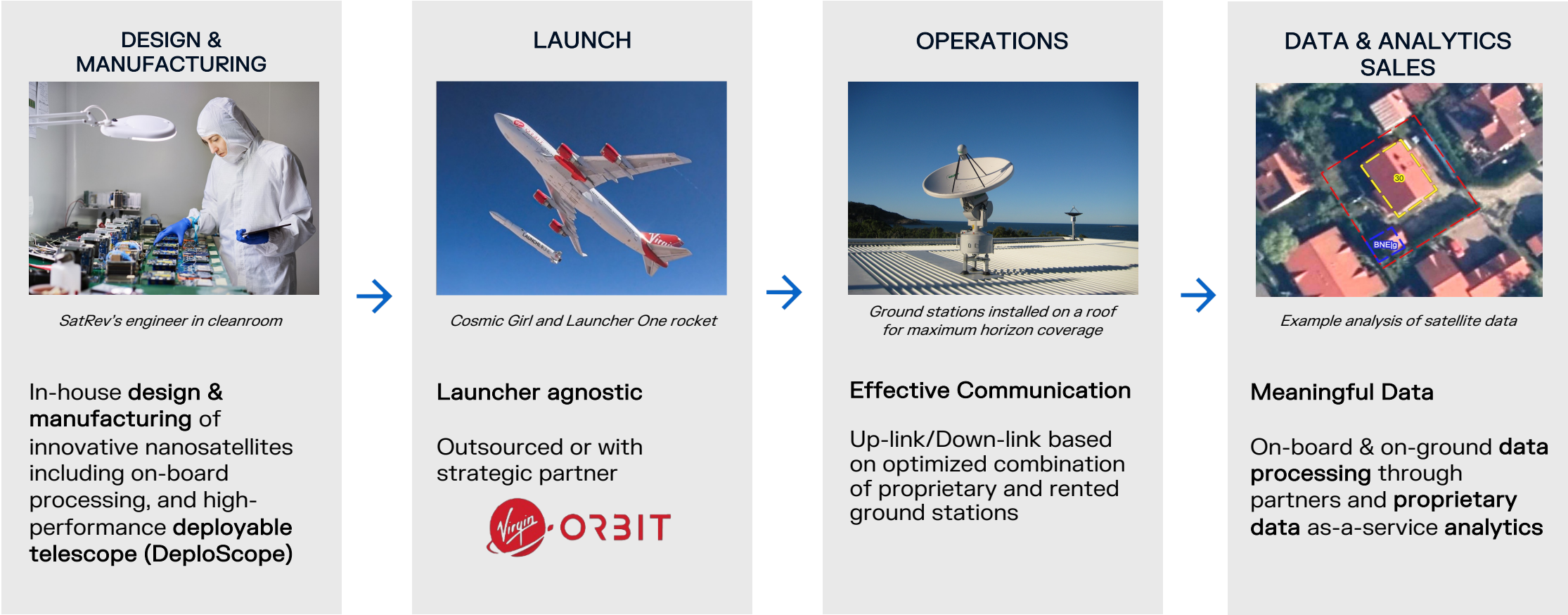


SATREV



→ *SatRev will be able to acquire 1600 sqkm per kg of satellite, against the 250 of competitors*

# Expertise throughout the full value chain





# Data products roadmap



## Data distribution partners



**SkyWatch** is a platform that provides customers with data from satellite operators with focus on the **North American market**.

Since 2021 SkyWatch has seen a noticeable spike in MR data demand, particularly for agriculture, partly due to cost prohibitive policies put in place by Planet.






The contract with SkyWatch to sell 2.5 mln USD in Mid-res data and 10.2 mln USD in Hi-res data is pending execution.

SatRev signed data distribution agreements with **UP42**, **GeoCento** and **TotalView**, but with no value commitment at this point.

These distributors are akin to SkyWatch, with focus on the **European market**.



# Major Product and Commercial Milestones

Space Systems Development	<ul style="list-style-type: none"><li>Developed unique designs for cost-effective medium resolution satellite</li><li>Developed innovative design for a small high-resolution satellite</li><li>Created a fully autonomous S-Band/UHF ground station</li></ul>
Strategic Partnerships	<ul style="list-style-type: none"><li>Strategic launch partnership with </li><li>Data distribution partnership with </li><li>Autonomous AI imagery analysis partner </li><li>Data processing partnership with </li></ul>
Satellite Deployment	<ul style="list-style-type: none"><li>9 customer satellites (4 Hosted Payload and 5 dedicated missions)</li><li>1 PoC and 2 demonstration satellites for Earth Observation data acquisition</li></ul>
Early Market Success	<ul style="list-style-type: none"><li>Sell of 9 successful customer satellites (5 full missions and 4 Hosted Payloads)</li><li>Sales agreement with the Sultanate of Oman to deliver their first space mission</li><li>Market entry for analytical solutions to detect real estate tax avoiders</li><li>3-year, \$9 million contract for crop monitoring</li></ul>
Strategic Investor	<ul style="list-style-type: none"><li>Strategic investment partnership with </li></ul>



SATREV<sup>+</sup>

NEW PERSPECTIVES FROM SPACE