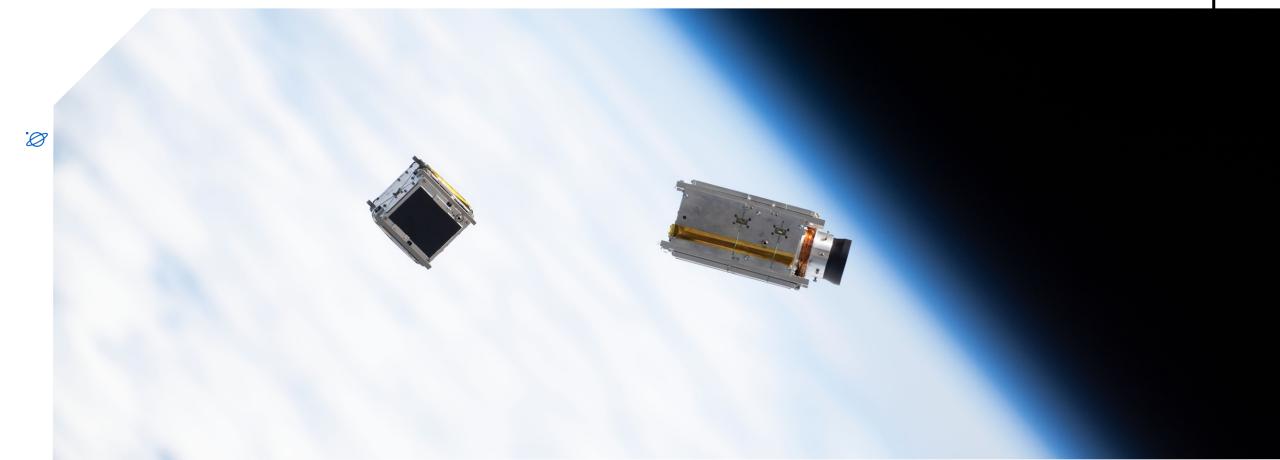
Your Ticket to Space 2.0

SatRev company overview

SATREV





ABOUT SATREV

We provide a team of over fifty highly motivated space professionals form 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



Technology roadmap

2019 2021 2023 2016 SatRevolution S.A. is • Światowid, proof of concept Launch of two STORK V1 for testing Commercial grade data ready for distribution founded FO satellite Deployed 3 hosted payloads missions First commercial UHF/S-Band ground station build for R&D center set-up Kraksat, ADCS tech demo Oman in O2 Signed agreement with SkyWatch mission for commercial client Demo of new onboard Al processing capability Q3 First data analytics demonstration SatRev wins grant to develop product for real estate tax avoidance SOWA - Larger 6U hosted payload EO satellites Q3 deployable High-Res EO ScopeSat - Hi-res 6U EO demonstration mission Q4 payload & bio-nanosatellite

2018

 SatRev wins several technology innovation grants to produce nanosatellites in Poland 2020

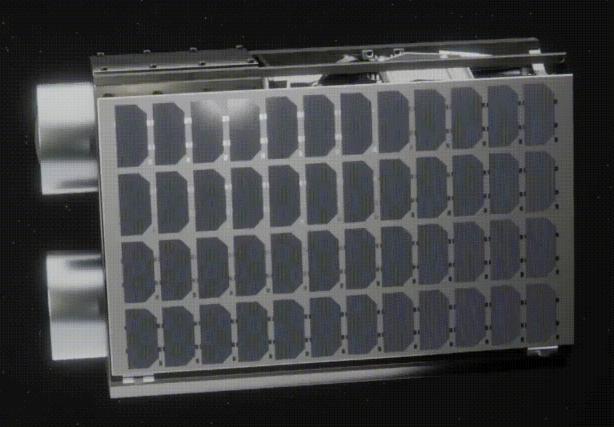
- Launch of the first dedicated satellite platform mission - AMICal Sat
- SatRev wins innovation grant for hosted payload development and for a real-time each observation constellation
- NASA classifies SatRev's Nanobus TRL 9

2022

- First Sovereign Space customer Oman
- Deployed 3 dedicated missions for private customers (LabSat, SteamSat-2, AuroraSat-1)
- Deployed 2 hosted payloads missions
- Executed 6 data analytics contract
- Development and launch of STORK V2 with upgraded optical system

2024+

- Scale up of Real-Time Earth
 Observation Constellation
 Continue (STORK, ScopeSat)
- Development of 16U platform
- Nanosatellite factory



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



¹ Medium resolution refers to 5m per pixel



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 & onground data processing and proprietary analytics-as-a-service
 - Serving the Mid-¹ and Hi-²
 resolution markets

 $^{^2\ \}mbox{Hi-resolution}$ refers to <1m per pixel

SatRev's technology based on Nasa



certified TRL9 platform



STORK

Mid-res

check the video here



SCOPESAT

Hi-res

check the video here

Satellite name	Spectral bands	lmage resolution	Mass	Size	Products	IP	Entry barriers
STORK with Mid-res capabilities	RGB+NIR	5 metres	5 kg	3 units	Hosted Payload MissionsOn-board processingData & analytics	Vision300Bus designAssembly know-how with bespoke firmware	Ready-made functional unit (satellite + ground station)
SCOPESAT with Hi-res capabilities	RGB+NIR → up to 64 bands	<1 metre	12 kg	6 units	On-board processingData & analytics	 STORK technology heritage Breakthrough DeploScope* technology (under development) 	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



SATELLITE SIZE



Traditional design: mass of **70-100 kg**

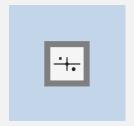
TELESCOPE SIZE















SatRev's design: 12-15 kg



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

Expertise throughout the full value chain

DESIGN & MANUFACTURING



SatRev's engineer in cleanroom

In-house design & manufacturing of innovative nanosatellites including on-board processing, and high-performance deployable telescope (DeploScope)

LAUNCH



Cosmic Girl and Launcher One rocket

Launcher agnostic

Outsourced or with strategic partner



OPERATIONS



Ground stations installed on a roof for maximum horizon coverage

Effective Communication

Up-link/Down-link based on optimized combination of proprietary and rented ground stations

DATA & ANALYTICS SALES



Example analysis of satellite data

Meaningful Data

On-board & on-ground data processing through partners and proprietary data as-a-service analytics

Data products roadmap

Smart City

Analytics Development

Utilizing Mid-res RGB NIR imagery data through our commercial partners, applying our proprietary analytics for Smart City applications

Release Date: Already Released



Mid-res

RGB NIR

In-House Mid-res Imagery

Deployment of STORK V2 satellites to collect our own Mid-res RGB NIR imagery data to optimize value on projects like Green Areas and Smart City

Release Date: H1 2023



Hi-res Multispectral

In-House Multispectral

It will allow to analyze soil, vegetation, and coastal regions to provide expanded analysis insights

Release Date: H₁ 2024



Hi-res Full Constellatio

Hi-res Real-Time Earth Constellation (REC)

Building upon STORK, the REC constellation of ScopeSats will provide sub-meter imagery data at unprecedented re-visit times (30 minutes)

Release Date: H2 2024 - 2027

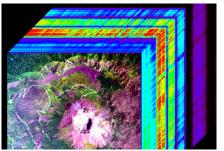


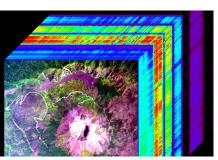
Hyperspectral

Advanced Insights

It enables imaging spectroscopy for advanced mineral, vegetation, and material identification

Release Date: 2025





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

Developed unique designs for cost-effective medium resolution satellite Space Systems Developed innovative design for a small high-resolution satellite Development Created a fully autonomous S-Band/UHF ground station Strategic launch partnership with @POTBIT Data distribution partnership with SKYWATCH Strategic Partnerships Autonomous Al imagery analysis partner Data processing partnership with pinkmatter 9 customer satellites (4 Hosted Payload and 5 dedicated missions) Satellite Deployment 1 PoC and 2 demonstration satellites for Earth Observation data acquisition Sell of 9 successful customer satellites (5 full missions and 4 Hosted Payloads) Sales agreement with the Sultanate of Oman to deliver their first space mission Early Market Success Market entry for analytical solutions to detect real estate tax avoiders 3-year, \$9 million contract for crop monitoring Strategic investment partnership with @ORBIT Strategic Investor



NEW PERSPECTIVES FROM SPACE