

NEWSPACE MARKET · COMPANY PROFILE



SARsatX (CubeSat Arabia)

Saudi Arabia · founded 2023 · sarsatx.com

3

PRODUCTS

5

SERVICES

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as of 20 August 2026



SARsatX (CubeSat Arabia)

SARsatX is a space-tech industrial company that designs, develops, operates, manufactures, assembles, and integrates advanced Earth Observation (EO) satellites. These satellites utilize Synthetic Aperture Radar (SAR) and optical sensors to provide high-resolution imagery and actionable intelligence. The company focuses on end-to-end manufacturing and integration of these satellites for independent constellation deployment. SARsatX delivers Earth observation intelligence solutions, transforming orbital hardware to actionable insights for key industries, including oil, gas, mining, renewable energy, defense, national security, maritime, agriculture, disaster response, infrastructure monitoring, and environmental security. Their EarthLife platform enables mission tasking and automated scheduling for imaging requests. SARsatX builds cost-effective SAR and optical satellites, optimized for SAR missions, ensuring high performance and reliability. The company aims to establish a sovereign space industrial ecosystem and focuses its system design on the Middle East and Africa regions. SARsatX provides high-resolution satellite imagery (SAR and Optical) to defense and strategic sectors. The company is based in Saudi Arabia and is involved in strengthening Saudi satellite manufacturing infrastructure. SARsatX was recognized at the Entrepreneurship World Cup (Biban 2025), Via Satellite SmallSat Conference, ROSHNEXT's Visionaries Bootcamp (ROSHNEXT 2025), and won first place in the environment track of the Start Smart competition in 2023.

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SERVICES

Services

Advanced mission analysis and orbit determination

SARsatX provides advanced mission analysis and orbit determination services to optimize coverage, revisit rates, and geolocation accuracy for operational use.

EarthLife Platform for mission tasking

The EarthLife Platform provides users with a fully automated scheduling system for submitting new imaging requests through a self-service interface.

End-to-end designing, manufacturing, and integrating advanced satellites

SARsatX offers end-to-end design, manufacturing, and integration of advanced satellites, delivering Earth observation intelligence solutions from orbital hardware to actionable insights.

Leverage high-resolution SAR imagery and advanced analytics

SARsatX helps customers leverage high-resolution SAR imagery and advanced analytics to gain timely, reliable insights for mission-critical operations.

Satellite capabilities seamlessly integrated with SARsatX data pipelines and analytics platforms

SARsatX integrates satellite capabilities with its data pipelines and analytics platforms to transform raw signals into actionable insights.

Product catalogue



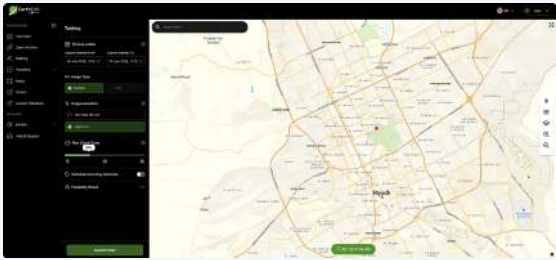
SARSATX (CUBESAT ARABIA)

EarthLife SAR/Optical Satellite Platform

SARsatX's small-satellite platform combining SAR and optical payloads, forming the basis of a planned 16-satellite Earth observation constellation targeted for full operational cap

Payload types	SAR + optical (dual-sensor)
Planned constellation size	16 satellites
Target full operational capacity	2027
Target tasking-to-delivery time	~4 hours
Coverage focus	Middle East and Africa (MENA)
Ground integration	EarthLife tasking and analytics platform

price on request



SARSATX (CUBESAT ARABIA)

EarthLife Tasking & Analytics Platform

SARsatX's self-service satellite tasking and AI-powered geospatial analytics platform, turning SAR and optical imagery into automated insights, alerts and reports for government an

Delivery type	Software-as-a-service / self-service tasking portal
Typical delivery time	72 hours per tasking request
Data sources	SARsatX SAR + optical satellites
Core capability	AI change detection, geospatial analytics, automated alerts/reports
Target sectors	Agriculture, environment, energy, maritime, defense, urban planning, disaster response

price on request



SARSATX (CUBESAT ARABIA)

SSX-1 Airborne SAR Payload

Fully-polarimetric X-band airborne SAR demonstrator payload used by SARSatX to validate SAR use cases and refine satellite system design ahead of orbital deployment.

Sensor type	Fully-polarimetric Synthetic Aperture Radar (SAR)
Frequency band	X-band
Slant range resolution	1.5 m
Bandwidth	100 MHz
Peak transmit power	20 W
Platform	Airborne (light aircraft)
Polarization	Full polarimetric (multi-channel)

price on request

Contact SARsatX (CubeSat Arabia)

Open the company profile on NewSpace Market to see full specifications and datasheets, and to send a request for quotation that reaches the manufacturer directly.

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