



Solenix

Switzerland · founded 2004 · solenix.ch

3

PRODUCTS

4

SERVICES

newspacemarket.com/companies/solenix/

as of 20 August 2026



Solenix

Solenix is an engineering and consulting company serving the space sector, developing innovative software products and delivering expert services in Earth Observation, Artificial Intelligence, Space Situational Awareness and ground segment systems. The company has a strong track record of successful projects for ESA, EUMETSAT, DLR, CNES and other leading aerospace organisations. Founded in 2004, Solenix started from a small office with one employee in Darmstadt, Germany. It has grown steadily since then and today counts over 80 experts of 20 nationalities, distributed across offices in Germany, Italy, Switzerland and Portugal. Solenix develops and maintains software products used operationally by spacecraft flight control teams, including MUST (a telemetry parameter archive and analysis suite used at ESOC, DLR, CNES, ESTEC and ESAC since 2003), Überlog (an electronic operations logbook for mission operations, ground stations, spacecraft AIT and launch operations), and Narvina (an AI-based system for automated anomaly detection and telemetry monitoring). Solenix also contributes engineering and consulting services to programmes such as ESA's Destination Earth (DestinE), the Italian IRIDE Earth observation programme, and ClearSpace's in-orbit debris removal mission.

This profile is generated from the live NewSpace Market catalogue. Specifications are as published by the manufacturer; every product links to a page where a request for quotation reaches the company directly.

SERVICES

Services

Engineering and Consulting Services

Solenix provides engineering and consulting services in the space market, leveraging a highly skilled software team to deliver smart and reliable solutions.

Mobile Application Design and Development

Solenix provides design and development services for mobile applications, expanding its expertise in this domain.

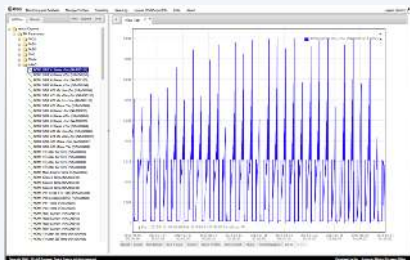
Promotion of Earth Observation Activities and Products

Solenix promotes customer activities and products in the earth observation domain to various audiences to increase awareness and facilitate data exploitation.

Rapid Prototyping for Earth Observation Ground Segment

Solenix uses rapid prototyping to reduce technical risks in developing earth observation ground segment technologies and for new concept/technology assessment.

Product catalogue



SOLENIX

MUST (Mission Utility Support Tools)

Flight-proven telemetry parameter archive, analysis and visualisation suite used operationally by ESA, DLR and CNES spacecraft flight control teams.

Core components	NGWebMUST, WebMUST, MUSE scripting engine, MUSTLink REST API, DrMUST, Novelty Detection
Data types	Housekeeping telemetry, telecommand history, flight dynamics data, mission planning data,
Interface	Web-based clients (HTML5/CSS/JavaScript), REST API access
Reporting	Automated Microsoft Word report generation with embedded plots and tables, on-demand or sc
Diagnostics	Patented DrMUST correlation analysis and Novelty Detection anomaly flagging with daily rep
Architecture	Database-independent (MUST 1.2), extensible via custom data importers and clients
User access	Granular, role-based access control for interdisciplinary teams

flight proven · TRL 9 price on request



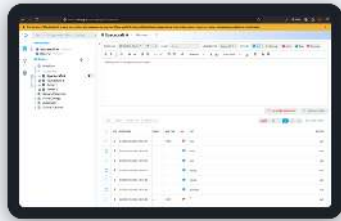
SOLENIX

Narvina

AI-based telemetry monitoring assistant that learns spacecraft systems, detects anomalies, forecasts trends and explains root causes.

Core capabilities	Anomaly detection, pattern matching, data correlation, trend monitoring, forecasting
Interface	Intuitive UI with REST API for integration into existing infrastructure
Learning model	Continuously learns from operator feedback on flagged events
Analysis type	Multi-parameter combined/relational analysis, not isolated single-parameter thresholds
Heritage	Built on 20+ years of Solenix telemetry analysis experience, incorporating lessons from th
Availability	Early-Adopter Partner Program with free/low-cost trials and post-trial licence discounts

price on request



SOLENIX

Überlog

Enterprise-grade electronic operations logbook for real-time mission operations, ground stations, spacecraft AIT and launch operations.

Deployment	Cloud or on-premises
Interface	Web application with natural-language chat-style logging
Data record	Timestamped, immutable entries with complete revision history
Integration	Connects to mission control, planning systems, reporting tools and operational infrastru
Compliance	Supports audit trails and ISO 27001 implementation
Domains covered	Mission Operations, Groundstation Operations, Spacecraft AIT, Launch Operations
Pricing model	Per-user subscription, cloud and on-premises tiers, 3-year licence discounts (EUR, excl. V

price on request

Contact Solenix

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.

<https://newspacemarket.com/companies/solenix/>

<https://www.solenix.ch>