

NEWSPACE MARKET · COMPANY PROFILE



Space Information Laboratories (SIL)

United States · spaceinformationlabs.com

1

PRODUCTS

5

SERVICES

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as of 20 August 2026



Space Information Laboratories (SIL)

Space Information Laboratories (SIL) is a US aerospace engineering company developing modular satellite bus platforms, avionics systems, and range instrumentation technology for government and commercial customers. Its Chameleon bus family scales from 6U to 27U configurations, providing a flexible small satellite platform adaptable to a range of mission requirements. SIL's product portfolio includes Intelli-Avionics and Intelli-Pack subsystems for satellite command, data handling, and power management, along with Vehicle-Based Independent Range Systems (VBIRS) used for missile and rocket telemetry and range safety applications. The company draws on close partnerships with major aerospace and defense contractors and research institutions. By combining modular satellite bus architecture with specialized avionics and range instrumentation expertise, SIL serves both traditional aerospace/defense customers and emerging small satellite operators seeking flight-proven subsystems and integration support.

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 Analysis – Structural/Thermal/Physics

SIL provides specialized engineering analysis covering structural, thermal, and physics aspects to support design and development.

Engineering Design, Analysis and Software Services

SIL offers comprehensive engineering design, analysis, and software services, leveraging over 20 years of experience to take projects from conception to production.

Environmental Testing – Thermal/ Vacuum/Vibration/Shock

SIL conducts environmental testing, including thermal, vacuum, vibration, and shock tests, to qualify components and systems.

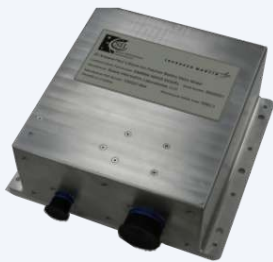
Software Design & Development

SIL offers software design and development services, creating embedded software solutions for various aerospace and defense applications.

Software Simulation & Modeling

SIL provides software simulation and modeling services to analyze and predict system behavior and performance.

Product catalogue



SPACE INFORMATION LABORATORIES (SIL)

Intelli-Pack

Intelli-Pack is a dependable, high energy density, rapidly rechargeable lithium-ion battery technology for launch vehicles, small satellites and UAS/RPA.

Configurations	6U, 12U, 27U
Attitude accuracy	<0.1 degree nadir pointing
GPS	L1/L2 high dynamic receiver
Power (6U)	45W average on-orbit
Power (27U)	90W average on-orbit
Downlink	S-Band 100 kbps-5 Mbps or Ka-Band 10-100 Mbps
Patent	USPTO #9,730,339 B2

price on request

Contact Space Information Laboratories (SIL)

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/space-information-laboratories-sil/>

<https://www.spaceinformationlabs.com>

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