

NEWSPACE MARKET · COMPANY PROFILE



Satelles Inc.

United States · founded 2008 · iridium.com/iridium-pnt

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WITH DATASHEETS

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as of 20 August 2026



Satelles Inc.

Satelles Inc. was founded in 2008 in Reston, Virginia, to develop an alternative positioning, navigation, and timing (PNT) service that could operate independently of GPS. The company created the Satellite Time and Location (STL) service, which leverages the Iridium constellation of 66 low Earth orbit satellites at 780 km altitude to broadcast timing and location signals that are up to 1,000 times (30 dB) stronger than GPS signals, enabling operation in GPS-denied environments including indoors and underground. The STL service provides sub-microsecond timing accuracy and meter-level positioning without requiring an outdoor antenna, making it ideal for critical infrastructure applications such as 5G base station synchronization, data center timing, financial transaction timestamping, and power grid synchronization. The signals are cryptographically authenticated, providing resistance to spoofing and jamming attacks that threaten conventional GNSS systems. In April 2024, Iridium Communications completed the acquisition of Satelles for approximately \$115 million. The STL service was rebranded as Iridium STL, and Iridium continued expanding the product line with chip-scale receivers such as the Iridium PNT ASIC, enabling embedded resilient PNT in end devices. The acquisition positioned Iridium as a leading provider of GNSS-independent timing services for critical infrastructure worldwide.

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

IoT, Data, and Messaging Offers global satellite services for Internet of Things (IoT) connectivity, data transmission, and messaging.	Positioning, Navigation and Timing (PNT) Provides precise, dependable positioning, navigation, and timing data globally, even during GPS/GNSS outages or interference.
Safety & Security Services Offers critical safety services, including global SOS and specialized solutions for maritime, aviation, and land, complying with regulations.	Voice Communication Delivers global satellite voice communication services across the planet.

Product catalogue



SATELLES INC.

Iridium PNT

Iridium PNT provides resilient and secure positioning, navigation, and timing (PNT) services globally, leveraging its LEO satellite constellation.

Signal advantage	30 dB stronger than GPS
Timing accuracy	Sub-microsecond
Position accuracy	Meter-level (stationary)
Coverage	Global pole-to-pole
Security	Cryptographically authenticated

price on request [datasheet](#)



SATELLES INC.

Iridium PNT ASIC Evaluation Kit

The Iridium PNT ASIC Evaluation Kit allows developers and engineers to explore and integrate assured Iridium PNT services, leveraging the global Iridium LEO satellite network.

Power supply	5.1V, 15W (SC0445)
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price on request

Contact Satelles Inc.

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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