



## Iridium Introduces its Next Generation Satellite IoT Data Service

*Iridium Messaging Transport (IMT) simplifies the development of satellite IoT services*

MCLEAN, Va., Dec. 21, 2022 /PRNewswire/ -- [Iridium Communications Inc.](#) (Nasdaq: IRDM) today announced the service introduction of Iridium Messaging Transport<sup>SM</sup> (IMT<sup>SM</sup>), a two-way cloud-native networked data service optimized for use over Iridium Certus<sup>®</sup> and designed to make it easier to add satellite connections to existing or new IoT solutions. IMT provides an IP data transport service unique to the Iridium<sup>®</sup> network, designed for small-to-moderate-sized messages supporting satellite IoT applications. Integrated with Iridium CloudConnect and Amazon Web Services (AWS), the new service can reduce development costs and speed time to market for new Iridium Connected<sup>®</sup> IoT devices. IMT has been highly anticipated by Iridium's partner ecosystem and is currently available for the Iridium Certus 100 service with introduction on Iridium Certus 200, 350 and 700 planned for the first quarter of 2023.

As a connectionless messaging service for Iridium Certus<sup>TM</sup> modules, IMT aligns with current established server-device message constructs using hubs, Pub/Sub or queues, depending on application platforms. The IMT service can be used by a customer application that is 'store and forward' or has small amounts of data traffic that does not require a persistent connection between servers, utilizing an Iridium Certus terminal. Whether it's machine-to-machine (M2M), e-mails, weather updates, transactions, or group communications, IMT enhances two-way messaging to and from anywhere in the world.

IMT is utilized with the [Iridium CloudConnect](#) model of server-side message processing, regardless of the underlying over-the-air and ground systems technologies and protocols. The Iridium CloudConnect service combines Iridium IoT capabilities with AWS cloud services extending customers' IoT reach to the more than 85 percent of the earth that lacks terrestrial coverage. IMT utilizes industry-standard protocols and technology for managing and delivering messages in the cloud, including MQTT, HTTPS and WebSocket (WSS). This makes IMT an easier, faster, and less expensive protocol to develop with, supporting users with countless advantages to design applications that are scalable and easier to distribute to other platforms.

Among the first products built with IMT available are the [RockREMOTE](#) by Ground Control and [STREAM+](#) by MetOcean Telematics. The RockREMOTE offers a reliable and flexible solution for industrial IoT applications including oil and gas, mining, utilities and renewables, and transport & cargo. It has a built-in MQTT application that allows developers to submit and receive data payloads across the MQTT protocol. Users can send and receive messages, pictures, to and from anywhere in the world utilizing this IMT implementation over the Iridium Certus 100 service.

Also powered by Iridium Certus 100, STREAM+ allows users to send and receive files and messages securely. Designed for field applications with size, weight, and power constraints, STREAM+ offers a range of industry standard protocols, features, and inputs simplifying integration and installation for end users and reducing development costs and overall time to market.

Also currently working on IMT service-based solutions are Iridium partners [Beam Communications](#), [Blue Sky Network](#), [CLS Group](#), [Globalsat Group](#), [Lars Thrane A/S](#) and [Zunibal](#).

"The launch of Iridium Messaging Transport adds another powerful capability to the Iridium Certus portfolio and another value-added service for our partners and the growing IoT market," said Bryan Hartin, executive vice president, sales and marketing, Iridium. "Our partners are excited about IMT as it will make it faster and easier for them to add Iridium satellite connectivity to new and existing solutions needed across a number of industries."

Unique in the satellite industry, Iridium Certus is the only broadband service that provides reliable, weather-resilient connectivity for on-the-move internet, high-quality voice, email, live-action video and IoT data transfer. Through its constellation of crosslinked satellites in Low-Earth Orbit (LEO), Iridium is the only communications company that offers truly global coverage and is ideally suited for IoT applications.

For more information about Iridium visit: [www.iridium.com](http://www.iridium.com)

**Iridium Communications Inc.**

Iridium<sup>®</sup> is the only mobile voice and data satellite communications network that spans the entire globe. Iridium enables connections between people, organizations and assets to and from anywhere, in real time. Together with its ecosystem of partner companies, Iridium delivers an innovative and rich portfolio of reliable solutions for markets that require truly global communications. In 2019, the company completed a generational upgrade of its satellite network and launched its new specialty broadband service, Iridium Certus<sup>®</sup>. Iridium Communications Inc. is headquartered in McLean, Va., U.S.A., and its common stock trades on the Nasdaq Global Select Market under the ticker symbol IRDM. For more information about Iridium products, services and partner solutions, visit [www.iridium.com](http://www.iridium.com).

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