IoT

IoT *VSAT*

High data fixed IoT, for complex applications

Operating on our Ka-band constellation, IoT VSAT is our fixed, private solution for high-bandwidth IoT requirements.

IoT VSAT brings reliable, high-bandwidth and highly secure capabilities to organizations with high data requirements and complicated infrastructure needs. It deals with critical IoT payloads like industrial control system (ICS) and SCADA data with ease. And thanks to our unique capacity management technologies and virtually unlimited-use contracts, IoT VSAT is often the most economical option for high-throughput IP IoT services.

IoT VSAT offers robust, secure connectivity at megabyte-to-gigabyte levels on a regional basis, with easy bonding of units to multiply data throughput if required. And because it's end-to-end IP, IoT VSAT integrates easily with the rest of your devices and IT ecosystem.

In action

Use cases

› Equipment monitoring and control
› Video surveillance
› Industrial computers (SCADA)
› Fleet IoT over LoRaWAN

Industries

› Agriculture
› Electrical Utilities
› Mining

Features

Robust capacity: Leverages high-capacity Ka-band for ample bandwidth.

Always-on uptime: SD-WAN controlled terrestrial network provides continuous connectivity.

Robust security: Trust our end-to-end encryption and network segmentation plus security tools and firewalls at the edge.

Active monitoring: 24/7 with notifications in case of outages.

Automatic power control: ensures high availability during signal fades.

Multiple ODU configurations: meet strict performance and link availability requirements.

Benefits

Single, end-to-end solution: Simple, scalable enterprise networking and management.

Understand your network: with your simple traffic monitoring portal.

Comprehensive coverage: reliable even in extremely remote areas.

High networking performance: supports critical communications.

Cutting-edge equipment: Evolves with industry best practices.

Secure connections: Designed to meet the most stringent regulatory requirements.

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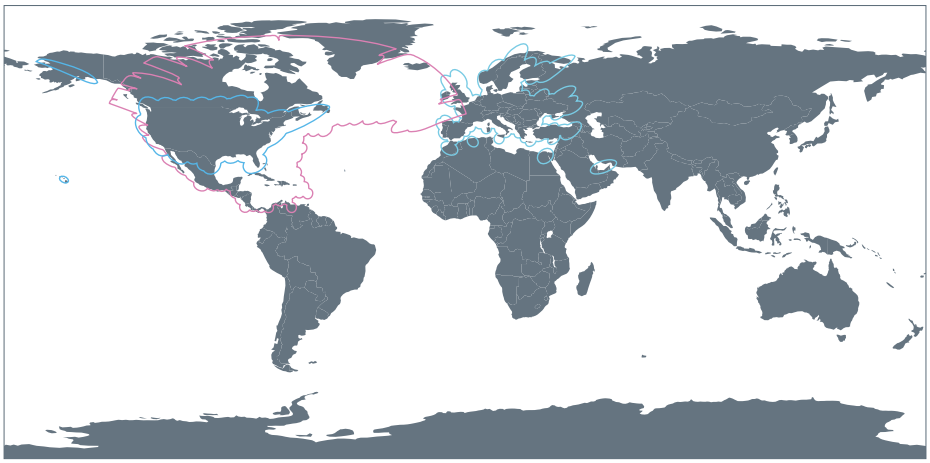
Service plans

- IoT VSAT is available to partners using a single bulk-purchase plan based on full usage of bandwidth at 1024KB (1MB) in each direction.
- Partners are then invited to redefine their service offering through the use of edge appliances to sell on portions of bandwidth, e.g. 32k/32k, 128k/128k, 256k/256k etc.
- Intended for applications consuming less than 2GB of data per month, this allows partners to define granular service options aligned to their customers' business plans.

For a full range please contact your Viasat Account Manager.

Coverage map



For illustrative purposes only. Coverage is approximate and subject to change. Not representative of any single product or service.

Band: Ka-band

In-brief: High throughput, secure industrial IoT VSAT

Customer issue: Need for secure, robust high-speed connectivity

Throughput (indicative maximum): Up to 1Mbps up and down

Power consumption: Mid-high

Nework availability: Up to 99%

Mobilitiy: Static

- **Monitoring and telemetry**
- **Control instruction**
- **Encryption**
- **Secure VPN**
- **Large file transfer**
- **Large video streaming and surviellance**
- **Completely private network**
- **Rugged, high power terminals**

Discover how IoT VSAT can provide high-bandwidth, secure, scalable IoT connectivity that you can count on.

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