INTELSAT

Supercharge Your IoT Solutions

Industrial Satellite Backhaul for IoT

Leverage High-Speed Global Connectivity for Real-Time Site Monitoring and Control

IoT services are increasingly used across an array of businesses to analyze data collected from thousands of devices and help organizations increase system efficiency, reduce waste, monitor delicate environments, and provide insights into operations.

But IoT and digital transformation initiatives may not meet their potential if you need to connect devices outside the fiber or cellular network footprint. And common message-based satellite services make it difficult to collect real-time data flows and deploy full sense-analyze-and-control functionality.

Global Broadband Connectivity for Real-Time Industrial IoT Applications

Using FlexEnterprise from Intelsat to complement cellular and terrestrial connectivity can extend the reach and effectiveness of your IoT deployments and drive better results for you and your customers.
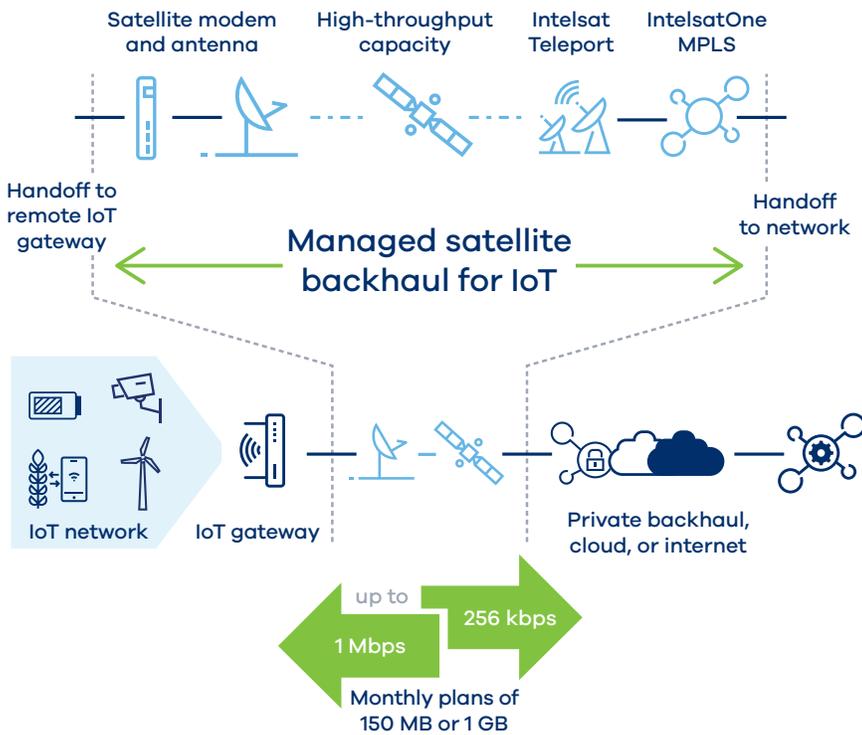
With an end-to-end solution ready to plug into your existing network, FlexEnterprise for IoT backhaul opens new use cases for your organization:

- Incorporate devices and infrastructure from every location into your digital initiatives
- Aggregate data from hundreds of sensors through a single satellite backhaul connection
- Activate and control remote systems based on real-time conditions
- Effectively manage smart-grid deployments
- Incorporate video and high-throughput data streams

Benefits At-A-Glance

- Extend IoT connectivity globally regardless of local cellular and fiber availability

- Deliver real-time, two-way communications for every site, device, and sensor

- Tailor IP-based connectivity for applications ranging from low-data-rate SCADA to richer monitor-and-control services

- Support IP-native, edge-compute-enabled networks

Transform Your IoT Initiatives with Global Broadband Connectivity

Satellite modem and antenna — High-throughput capacity — Intelsat Teleport — IntelsatOne MPLS

Handoff to remote IoT gateway

Managed satellite backhaul for IoT

Handoff to network

IoT network — IoT gateway — Private backhaul, cloud, or internet

up to 1 Mbps
256 kbps
Monthly plans of 150 MB or 1 GB

Increase the Value of Your Services

Realize the full potential of your IoT services by connecting every site with a reliable, resilient global network.

Global FlexEnterprise footprint

Support real-time traffic, not just bursty data

Bandwidth options including video support

Carrier-grade service availability

Visit Intelsat.com/flexenterprise or contact us to learn more about flexible global connectivity and IoT solutions.

About Intelsat

Intelsat's global team of professionals is focused on providing seamless and secure, satellite-based communications to government, NGO and commercial customers through the company's next-generation global network and managed services. Bridging the digital divide by operating one of the world's largest and most advanced satellite fleet and connectivity infrastructures, Intelsat enables people and their tools to speak over oceans, see across continents and listen through the skies to communicate, cooperate and coexist. Since its founding six decades ago, the company has been synonymous with satellite-industry "firsts" in service to its customers and the planet. Leaning on a legacy of innovation and focusing on addressing a new generation of challenges, Intelsat team members now have our sights on the "next firsts" in space as we disrupt the field and lead in the digital transformation of the industry.

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