ORBCOMM®

WHERE DATA DRIVES DECISIONS

Smarter cathodic protection monitoring starts with ORBCOMM

Field-tested satellite IoT technology for remote cathodic protection (CP) monitoring solutions

Remote CP monitoring systems demand more than just coverage—they need connectivity and devices that are easy to deploy, built to last and flexible enough to match real-world conditions. ORBCOMM gives CP solution builders the tools to streamline data handling, simplify architectures and reduce total system cost. From integrated edge processing and dual-mode satellite-cellular connectivity to field-proven hardware and comprehensive tools and resources, we deliver everything you need to build better—without building from scratch.

Modern CP monitoring relies on satellite connectivity. However, depending on your connectivity provider, you may be held back by unpredictable, expensive data costs, poor integration flexibility and uncertainty surrounding network longevity.

Our partners have deployed more than 40,000 CP monitoring units globally, backed by OGx—our next-generation satellite IoT service—and our partner-friendly predictable pricing plans.

We provide a smarter path forward with:

- A global partner program that's built to help you succeed

- Industry-leading tools, documentation and support services

- Innovative rugged satellite and dual-mode satellite-cellular devices

- Low power consumption and solar-powered devices

- Programmable terminals with edge computing

Engineered to solve your problems

Our entire approach is designed to fix the common challenges in the field:

High airtime costs with little flexibility

Some satellite providers charge a lot for data overages incurred by burst messages, event-based updates or over-the-air firmware pushes. Plus, they lock you into rigid, one-size-fits-all data plans that don't reflect CP monitoring solutions' actual usage patterns. Our plans are flexible, predictable and partner-friendly, allowing you to focus on scaling your business.

Limited support for logs, firmware, and compliance data

Legacy networks often cap messages at a few hundred bytes, forcing multiple transmissions to send diagnostics, logs or updates, driving costs and complexity up. OGx allows messages of up to 16 kB, allowing you to provide your customers with richer data, better remote management capabilities and new application architectures.

Added complexity with reliance on external Remote Terminal Units (RTUs)

Some satellite terminals can't directly interface with sensors or field protocols like Modbus, so you need to add RTUs or microcontrollers. Again, more cost, more complexity. Skip the RTU with our programmable terminals, which enable you to run Lua scripts, read sensors and generate alarms locally, all with pre-build terminal applications.

Weak customer support and resources

With some providers, especially new and underfunded ones, partner onboarding and field support can be slow or even non-existent. Our partner support is the best-in-breed, with preconfigured SDKs, APIs, device management tools and more to make integrations a breeze.

Some networks promise. Others deliver.

You don't want to build your business on satellite services you can't trust to be around in a few years. OGx is built with guaranteed service until at least 2035 through our strategic partnership with Viasat. Plus, we offer innovative dual-mode satellite-cellular technology and partnerships with tier-1 cellular providers that allow you to reduce costs by switching to cell networks where available.

Hardware limitations and certifications

Not all hardware is rugged enough to survive typical CP installations in harsh environments such as deserts or the Arctic. And incomplete certifications can disqualify devices for hazardous locations or use in extreme weather. Our hardware is field-proven and built to perform in virtually any conditions.

Add the smarter satellite partner to your toolbox

- Field-proven hardware
- Combined next-gen satellite services and tier-1 cell connectivity
- Development kits and integration tools to simplify your job
- Technical and marketing resources to help you scale
- The SKYWAVE Connect partner program to support you

Let's work together.

Want to learn more about partnership opportunities?
Email: **sales@ORBCOMM.com**

Visit our website **www.ORBCOMM.com**

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ORBCOMM is a pioneer in IoT technology, empowering customers with insight to make data-driven decisions that help them optimize their operations, maximize profitability and build a more sustainable future. With 30 years of experience and one of the most comprehensive solution portfolios in the industry, ORBCOMM enables the management of over a million assets worldwide for a diverse customer base spanning transportation, supply chain, heavy equipment, maritime, natural resources and government. For more information about how ORBCOMM is driving the evolution of industry through the power of data, visit www.orbcomm.com.

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