

Energy Infrastructure



Smart connectivity for smart energy infrastructures

Having reliable energy is critical to every aspect of our society. Today's utility operators need secure, dependable connectivity to communicate with remote endpoints across widely distributed systems, and these connections must work reliably even when exposed to extreme temperatures, shocks, vibration or impact. To make their power grids and pipelines smarter, more efficient and more secure, operators need instant, real-time visibility into conditions and performance everywhere. Inseego's intelligent device-to-cloud solutions provide the remote monitoring and control needed to keep energy infrastructures up and running smoothly.

Inseego helps optimize the energy value chain

Modems

High-speed, secure and rugged Skyus® modems maintain reliable connections with remote equipment even in challenging environments.

Gateways and Routers

Reliable cellular connectivity ensures uptime for critical and data-intensive communications between operators and field equipment.

Management Solutions

Centralized, carrier-grade device management provides instant visibility into thousands of IoT assets, regardless of distance.



Inseego solutions deliver reliable, secure, rugged connectivity

These are some of the top use cases that Inseego supports:

- Smart grid management
 - Remote monitoring of energy pipelines and transmission
 - Utilities asset management
 - Power grid substation connectivity
 - EV charging stations
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- High performance: Millisecond latency, speeds up to multi-gigabit per second
 - Ruggedized hardware: Designed for 24/7 operation in harsh environments
 - Superb reliability: Skyus modems average 8+ years mean time between failure (MTBF)
 - Secure connectivity: Enterprise-grade security, designed and developed in the USA

5G enables greater energy efficiency

The efficient use of energy resources and the security of the energy grid are priorities of the highest order. The increased automation, capacity and operational efficiency that 5G connectivity delivers will enable real-time monitoring, faster incident and outage response, and more precise management of energy infrastructures. Designed and developed in the USA and trusted by government entities at all levels, Inseego's 4G LTE and 5G solutions enable a more efficient, secure and cost-effective energy future.

Find out how advanced wireless connectivity solutions can transform energy infrastructure management. Contact Inseego today.

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