

Comprehensive Smarter Energy Solutions for Advanced Metering, Grid and Consumer Applications



Move Forward with Trilliant® Smarter Energy Solutions

Utilities worldwide are under increasing pressure to deal with supply limitations, environmental mandates, intermittent renewables, and changing demand with the growing popularity of plug-in electric vehicles, distributed generation, and consumers desire to conserve.

Trilliant helps utilities address these challenges through communications technology and the most advanced smart grid applications.

Trilliant provides the communications networks (both cellular and mesh), software, and professional services that deliver the benefits of the Smart Grid to utilities and their customers. These benefits include enhanced energy efficiency, improved grid reliability, lower operating costs, and integration of renewable energy resources. Trilliant has a rich heritage in leading innovations in the delivery and implementation of advanced metering infrastructure, demand response, and grid management solutions, in addition to installation, program management, and professional services. Trilliant is focused on being the trusted Smart Grid partner who helps utilities succeed.

What Leaders Around the World are Saying about Trilliant

The Trilliant Smarter Energy Solutions are already being deployed successfully by leading utilities around the world. Some notable examples include:

"We are implementing a highly functional and upgradable AMI solution for our 1.3 million customers."

-- Myles D'Arcey
SVP Customer Operations,
Hydro One

"Trilliant's products and expertise form an invaluable part of British Gas smart meter ecosystem"

-- Petter Allison
Director of Smart Metering
Centrica's British Gas

"Trilliant provided the right combination of communications and metering technology to suit our needs."

-- Sara Burns
President and CEO
Iberdrola USA's CMP

UnitySuite™ Software		
<ul style="list-style-type: none"> • Multi-protocol head-end software • Broad set of meter device drivers • Metering & consumer applications 		
Private Wireless Networks		
<ul style="list-style-type: none"> • Wide-area network IPv4/IPv6 (WAN) RF mesh • Neighborhood-area network IPv4/6 (NAN) RF mesh • Embedded in electricity meters 		
Public Wireless Networks		
<ul style="list-style-type: none"> • GSM, CDMA, 3G, 4G public carrier support • Trilliant Communications Hub • Embedded CellReader® 		
Professional Services		
<ul style="list-style-type: none"> • Project management, installation, and integration • Network design & consulting • Hosting and support 		

Trilliant Smarter Energy Solutions

Comprehensive Smarter Energy Solutions



Discover the Power of Trilliant Smarter Energy Solutions

The breadth and depth of the Trilliant Smarter Energy Solutions deliver the unified and comprehensive smart grid solutions needed for utilities to deploy mission-critical applications. Trilliant has successfully worked with leading utilities and energy providers around the world to deploy its Smarter Energy Solutions that best suit the customers' needs.

Trilliant Smarter Energy Solutions deliver these benefits better than anyone else:

- **Enhanced Operational Efficiency and Resiliency.** Enables grid optimization/line losses reduction, real-time monitoring and self-healing of distribution feeders (Volt/VAR control and Fault Detection, Isolation and Restoration).
- **Improved Load Management and Control.** Enables peak demand reduction solutions. Improves distribution grid reliability and power quality (improves SAIDI/SAIFI).
- **Improved Customer Satisfaction.** Provides real-time information to enable dynamic pricing, proactive outage notification and restoration, delivery of enhanced energy products/services and bundled retail products.
- **Improved Financial Impact.** Improves Capital Expenditures (CapEx) and Operational Expenditures (OpEx), resulting in lower Total Cost of Ownership (TCO).
- **Positive Societal and Environmental Impact.** Enables integration of intermittent renewable energy sources (solar farms, wind) and distributed energy resources (solar PV, electric vehicles, distributed storage). Reduces CO2 emissions and enhances regulatory compliance.

Global Solutions Platform

- Unified head-end software: multiple geographies, meters, and communications
- 2.4 GHz global unlicensed radio frequency (RF) mesh
- Global quad-band public cellular (GSM) support
- Broad international footprint
- Strong global ecosystem of partners

Secure, Standards-based and Future-proof

- Highest security and privacy standards
- Full IPv4/6 support, 802.15.4 radios, and GSM
- CIM, DLSM/COSEM, ANSI, IP, and more
- Interoperable with multiple global communications, meter suppliers, and device manufacturers
- Open-standards based

Trusted Partner for Success

- Technical and project management services and support
- Trusted partners to ensure customers success
- Rock solid performance at scale
- Widely deployed technologies
- Highest bandwidth, lowest latency technology



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