

Smart Grid Solutions



The Trilliant Smart Grid Communications Platform provides secure reliability, scalable and secure networking solutions, optimized performance, operational efficiencies, system reliability, and multi-technology two-way communications across our energy value chain to enable:

- Distribution networks that can both “deliver” and “exchange” energy
- More engaged and empowered consumers
- Modernized energy infrastructure with Operational Technology (OT) and Information Technology (IT) integration

Smart Grid is an electricity supply network that uses digital communications technology to detect and react to local changes in usages.

A modernized energy infrastructure – the Smart Grid – will help equip energy providers and utilities around the world with better visibility, control and flexibility to handle modern energy challenges and deliver the benefits of better efficiency, reliability and a more balanced system between our energy supply and our energy demand.

Because one size does not fit all, our advanced technologies streamline market entry and are designed to work with virtually any system to provide a secure, powerful source of data now and for generations to come. We help you tackle modern energy challenges while delivering safe, reliable, clean and affordable energy.

EXPERIENCE YOU CAN COUNT ON

The next generation of smart grid and smart cities solutions must be built on an open and secure network that allows frictionless exchange of data and we believe that our architecture will propel the energy industry to a bright future with an integrated solution that is flexible, standards based, scalable and connected. Our advanced technologies, designed to work with virtually any system, provide a secure, powerful source of connectivity and data now and for generations to come.

At Trilliant, we make our customers future-ready through innovative software and communications solutions.

WE EMPOWER YOU - BY CONNECTING THE WORLD OF THINGS®





TECHNOLOGY AT A GLANCE

Our networking technology, software, services, and unique partner ecosystem unlock the potential for you to make a better life for your customers through instantaneous information. We believe that you are the custodians of critical information and will not constrain how you use your data today or in the future.

Networking Technology

- Cellular
- SecureMesh® Narrow Area Network
- SecureMesh® Wide Area Network
- Trilliant RPMA®

Services

- Our professional services team is here to offer guidance and expertise through each phase of your smart journey. From the moment you engage with us, we help guide you to a solution that meets your needs for today and tomorrow. We listen to your business requirements, challenges and needs and help you get maximum value for your investment.

Software

- A secure management platform that acts as a control pane for all device interactions. It provides scalable management of multiple smart grid communications technologies with unified business process integration to other utility systems.

Partner Ecosystem

- We have a broad ecosystem of partners to ensure our customers' success which includes many of the global leaders in metering and utility technology.

As the industry continues the aggressive growth trajectory to a brighter future, we are here to help you manage your communications needs. We work with you to understand your challenges and deliver solutions that meet your needs for today and tomorrow.

Smart Analytics

Our UnitySuite Business Intelligence platform provides you a fully customizable software suite that provides a single pane viewing of your data, your way.

Smart Advanced Metering Infrastructure (AMI)

Advanced Metering Infrastructure; electric, water, and gas metering devices and applications are the first steps towards your smart grid and smart city vision. We provide the most adaptive and flexible Advanced Meter Infrastructure solution that delivers the functions and data needed to meet your specific vision for today and tomorrow.

Smart Demand Response (DR)

Reduce or shift peak demand load with our Demand Response (DR) solution. Our demand response implementations enable utilities to lower peak demand allowing utilities to postpone capital investments in generation capacity and reduce the need to purchase energy at peak prices.

Smart Distribution Automation (DA)

Distribution Automation brings enhancements to a network which has historically functioned autonomously by responding to local signals and conditions without operations center involvement. DA applications can include remote monitoring and control of components in the substation (substation automation), components on feeders (feeder automation), and components at customer sites (meter automation). Each of these solutions provide a distinct element of managing the distribution grid and these applications help utilities improve operational efficiency, system reliability and asset utilization.

Smart Lighting Control

We enable smart street lighting, through our Tool Less Sensor Platform (TSP), a field swappable sensor platform that is installed on top of a street light node which allows users to manage their street lighting assets with real-time visibility. This visibility enables condition-based maintenance, remote operation for safety and security, and the ability to adjust and manage lighting options based on need. IP66 sealed and 360-degree rotation capable, this platform allows for interchange on sensors based on location and application in as little as 30 seconds.



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