



# Build for Success with the Trilliant Communications Platform

SOLUTION BRIEF

Trilliant helps utilities and energy retailers successfully deploy a broad range of smart grid initiatives – from smart metering to smart distribution and smart consumer capabilities. The breadth and depth of the Trilliant Communications Platform delivers the flexible and proven smart grid solutions needed for utilities and energy retailers to deploy mission-critical applications to achieve their business goals, and deliver consumers the best energy experience possible.

## What Global Customers are Saying about Trilliant

“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

“This success was achieved on schedule and on budget. An accomplishment only made possible by our exceptional team of employees and project partners, Trilliant and Capgemini.”

Rick Stevens  
SVP, Asset Management  
Hydro One

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

Sara Burns  
President and CEO  
Iberdrola USA’s Central Maine Power

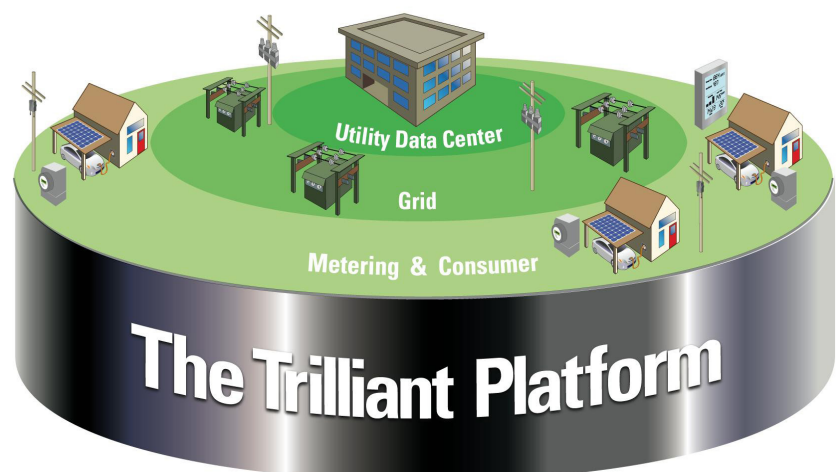
“We felt strongly that the combination of HD Supply Utilities’ installation services and Trilliant’s multi-tiered SecureMesh technology would provide Victoria Electric Coop with a robust, high speed, low latency communications network that will serve as our smart grid foundation and meet AMI objectives.”

Blaine Warzecha  
General Manager  
Victoria Electric Cooperative

## Discover the Power of the Trilliant Platform

Trilliant helps savvy utilities and energy retailers achieve their smart grid visions through the Trilliant Communications Platform, the only purpose-built communications platform that integrates these disparate system of systems into a unified whole. By utilizing the Trilliant platform, utilities can tap into technologies that deliver Smart Distribution, Smart Metering and Smart Consumer capabilities.

Trilliant understands that a particular utility’s smart grid business needs may differ from those of other utilities and energy retailers. For example, some utilities may seek to satisfy regulatory mandates while increasing reliability and improving operational efficiencies. Others may seek to empower customers to use energy more efficiently and offer differentiated services. Still others may seek to integrate more renewables, distributed energy resources (such as electric vehicles, storage and solar panels) or be able to reduce non-technical losses. The Trilliant Platform offers utilities and energy retailers the widest range of options and flexibility tailored to their particular business goals, regulatory model, and service territory, today and tomorrow.



## The Trilliant Platform Brings the Most Advanced Capabilities to Utilities

- **Multi-technology** – utilities can mix RF mesh, cellular, or PLC in a single deployment with common management and business processes
- **End-to-end System** – multi-tier intelligent networks comprising highest-bandwidth, lowest-latency Wide Area Network (WAN), Neighborhood Area Network (NAN), Home Area Network (HAN) and modular head-end software
- **DDX**– Trilliant’s award-winning Dynamic Data eXchange (DDX) technology facilitates efficient interactions between devices and the head-end system through distributed intelligence at every device, to enable massive scalability and functionality to millions of devices while reducing infrastructure and operational costs
- **End-to-end Partitioned Security** –meets the highest standards of security to ensure privacy, confidentiality, integrity, availability, authentication, authorization, and accountability – across the entire smart grid
- **Global Standards-Based Interoperability** – leverages global standards ensuring future-proof, interoperable solutions for all smart grid applications

## The Trilliant Platform Helps Utilities Succeed

- **Operational Flexibility** – the only platform that enables utilities to easily choose the optimal technology solutions ranging from Smart Distribution, Smart Metering, to Smart Consumer applications. It also gives utilities the flexibility to choose whether they will embark on targeted, gradual deployments or full rollouts
- **Extensible Investment** – high-data-rate radios and high-performance networking with an extensible architecture supports the most demanding distribution automation applications today and in the future
- **Low Total Cost of Ownership (TCO)** – the lowest infrastructure cost with the efficiencies of DDX technology, and the lowest operating cost with the single management system across multiple technologies
- **Highest Security for Mission-critical Infrastructure** – the only platform that gives utilities peace of mind and best defense against cyber-security threats for mission-critical infrastructure
- **Broad Industry Support** – leveraging global standards-based solutions, and built to interoperate with a large ecosystem of partners encompassing all smart grid applications, the platform gives utilities the one and only solution that is truly interoperable and future-proof to adapt to continuous innovation
- **Proven at Scale** – the only proven-at-scale platform that gives utilities the flexibility to choose the best technology mix for business needs today, with the flexibility to seamlessly evolve tomorrow



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