Trilliant
DISCOVER THE Power Of Choice
for utilities & smart cities
Flexible, Sustainable, Essential Solutions Designed to Accelerate Your Path to the Energy Transition

THE *Power Of Choice*

Is our proven, device-independent hybrid, communications platform

to deploy *any* meter, device, or application

with powerful, secure network solutions.

Being locked into a single supplier?

DISCOVER THE *Power Of Choice*

Flexible
to work with
the vendors
of your choice,
worldwide

Needing flexibility to work on different communication networks?

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Scalable
to optimize current
assets in the field,
manage volumes of data,
and easily migrate
to the next generation

Looking to revamp task methods to enhance productivity and workforce allocation?

DISCOVER THE *Power Of Choice*

Interoperable
of a proven, powerful network that enables utilities and cities to deploy any application securely

Drowning in data and starving for analytics ?

DISCOVER THE *Power Of Choice*

Essential
innovative solutions for real-time data insights and **more control over energy usage, reducing loss, disruptions, and integrating renewables.**

DISCOVER THE *Power Of Choice*

For Utilities, Municipalities, Cooperatives, and Smart Cities

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Our proven, device-independent, hybrid communications platform enables utilities and cities worldwide to deploy *any* meter, device, or application with powerful, secure network solutions.

Trilliant®

Trilliant®

Core Capabilities

Merging of
Infrastructure and
Data/ Digitalization

Grid Reliability &
Operational Efficiency

Data Management,
Analysis & Future-Proofing

Integration & Improved
Customer Experience

CORE OFFERINGS

Device- Independent, Multi-tiered Head-end System

Next-Gen Network Technologies, Hybrid, Cellular, FW & HW

Edge-ready AMI Solutions, Integration & IIoT

Mission-critical Applications for Smart Grids & Cities

Essential Managed Services & Support

Trilliant®

Trilliant understands your unique challenges.

We have been serving our utilities and smart cities customers as a global technology provider for 35+ years.

Most importantly, we take pride in having served them as a trusted partner & advisor.

We invite you to

DISCOVER THE *Power Of Choice*

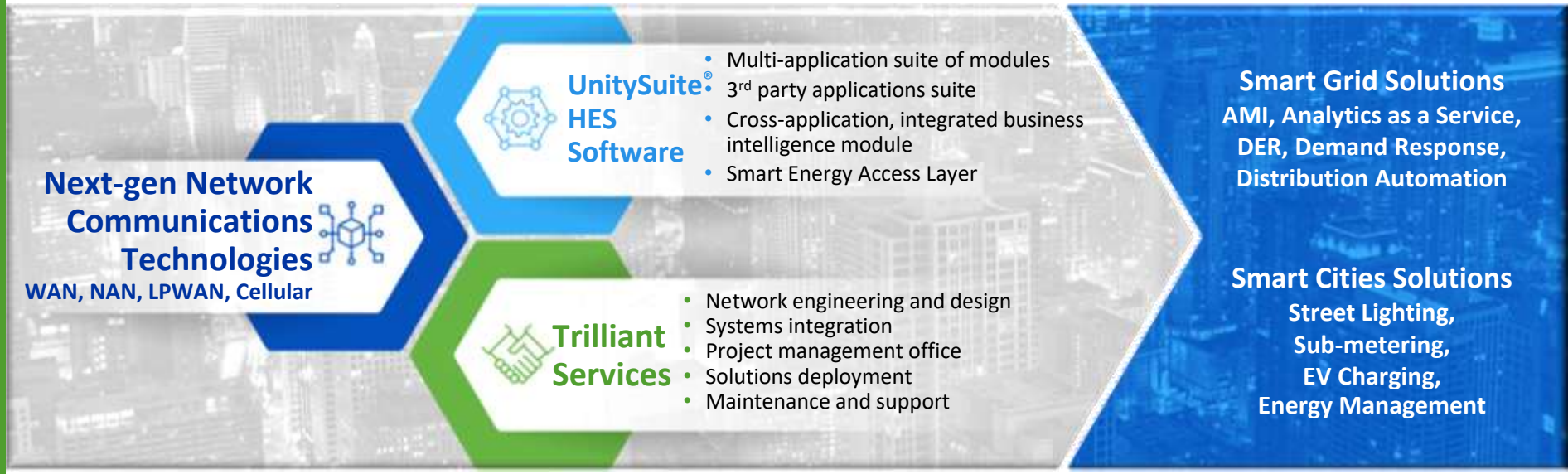
Why Trilliant?

Trilliant delivers a proven, truly interoperable AMI & Smart Grid, Smart City, and IIoT solution

- Pioneer for the first AMI deployment in the industry -- 2003
- Proven device-independent HES integrating with 340+ meters, devices, & applications
- More than AMI, with a platform of multiple technologies to solve various use cases
- Exceptional network coverage, capacity, network longevity, speed & performance
- Open & secure platform utilizing our 2.4 GHz & 5 GHz Mesh
- Proprietary and patent protected Random Phase Multiple Access network technologies
- Customer-focused, collaborative technology partner
- Dynamic Innovator dedicated to continuous R&D investment
- Lowest TCO of all available market options
- Agile, reliable, scalable, sustainable, secure

Trilliant®

The Power of Choice represents Trilliant's commitment to putting our customers first



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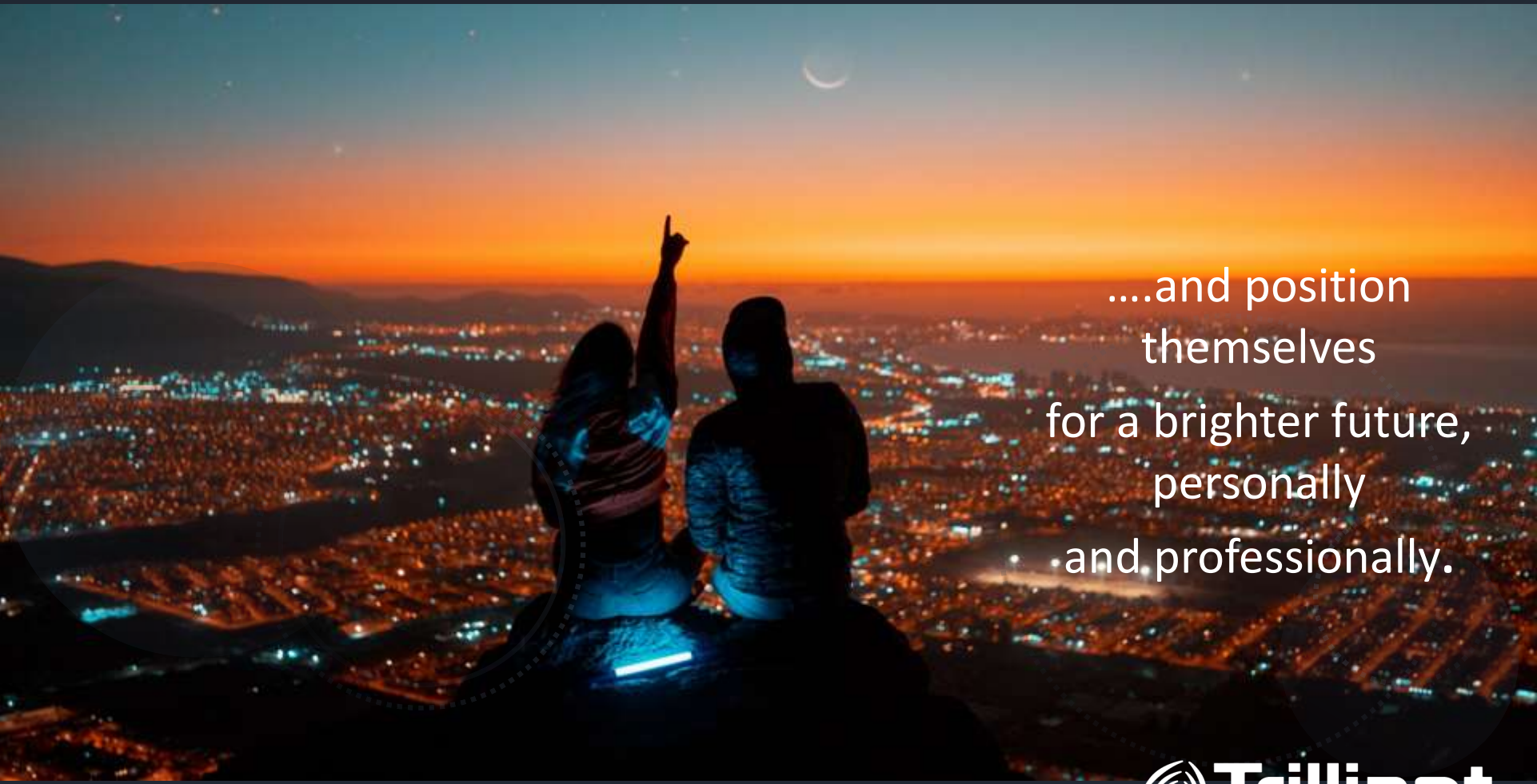
Electric, gas and water utilities face important challenges that require real-time, mission-critical decisions to support the communities they serve.
Trilliant

These decisions impact distribution, grid resilience, security, and operational efficiency to ensure delivery of their essential services, every single day.
Trilliant

For cities and towns, decision makers enable the evolution of Smart Cities & Buildings by investing in technology solutions that enhance network connectivity, improve public safety, increase energy efficiency and more.

When individuals are presented with an abundance of quality choices, they feel empowered to make more informed decisions that enable them to move forward successfully in the present …


....and position
themselves
for a brighter future,
personally
and professionally.

Trilliant

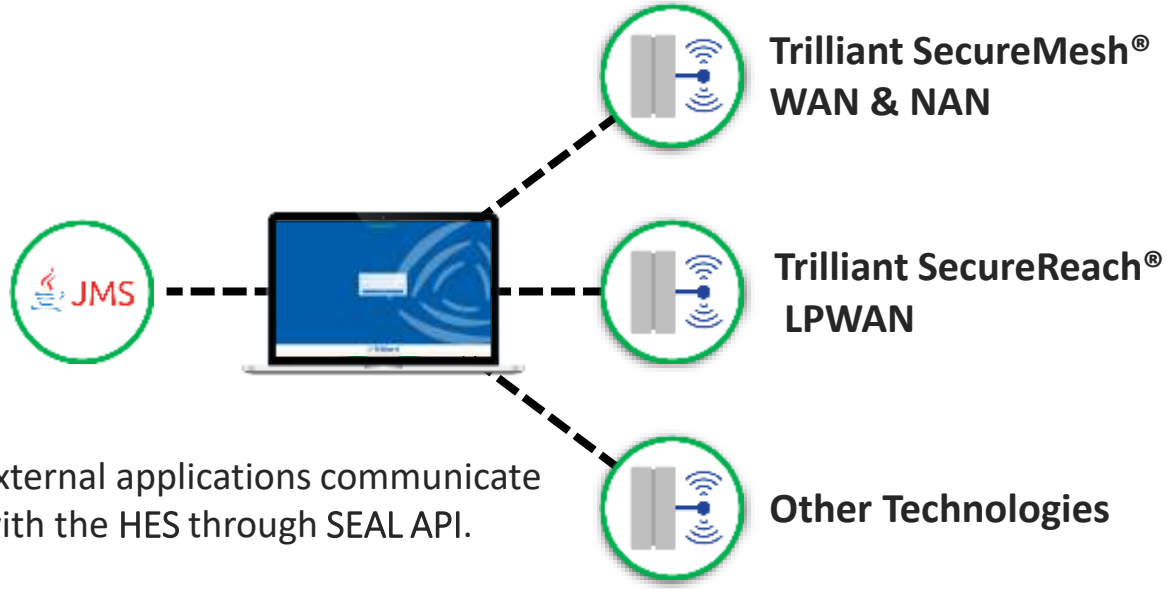
Discover the Power of
one proven,
device-independent
communications
platform, UnitySuite®
Trilliant

Trilliant UnitySuite® Head-End System

Conveniently manage multiple endpoints, technologies and applications.

Many kinds of external services, including **MDMs** can consume from the **JMS:**

- **Trilliant Universal HES**
- **Trilliant PrimeRead**
- Oracle MS
- SAP
- Oracle MDM
- Hildebrand MDM



External applications communicate with the HES through SEAL API.

The JMS Broker manages messages, stores events, data, etc. for the end users to consume.

Trilliant

Discover the Power of
Next Gen Network Technologies

Trilliant

Next-gen Network Technologies

- Elevate system performance, connectivity, flexibility, reliability & capacity
- WAN, NAN, LPWAN, Hybrid, Cellular
- 2.4/5.8 GHz as a global, free spectrum
- No license or capex/opex costs

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Discover the Power of
Smart Grid Solutions
Trilliant

Essential Smart Grid Solutions

Manage electricity distribution for flexible, scalable connectivity and integration

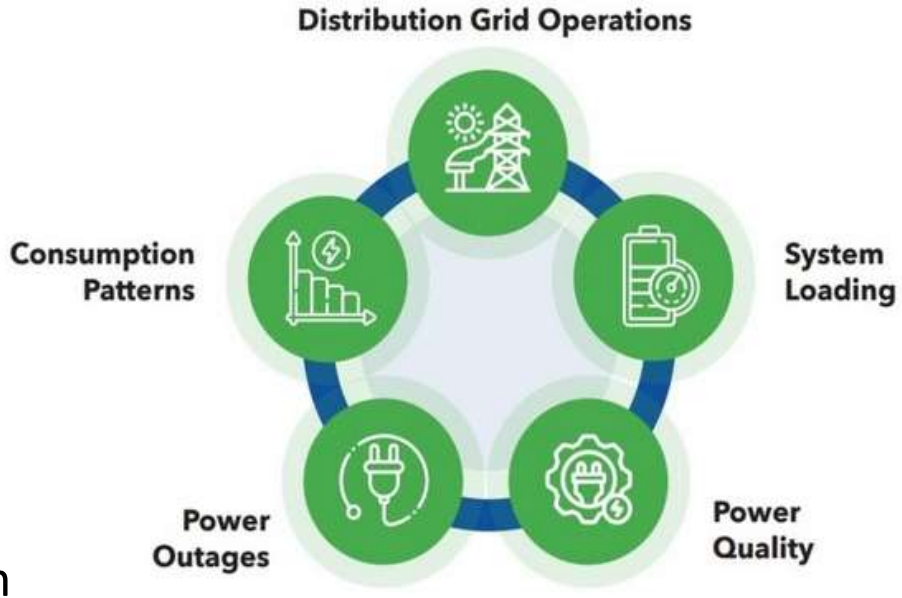
Developed to Manage Data, Provide Insight, and Accelerate Your Energy Transition Journey

Trilliant®

Smart Grid Solutions

AMI - Advanced Metering Infrastructure

- Real-time visibility into key metrics
- Communication with ALL devices
- Enhanced metering capabilities
- Customer satisfaction-focused
- Optimized application performance
- Integration with any metering system



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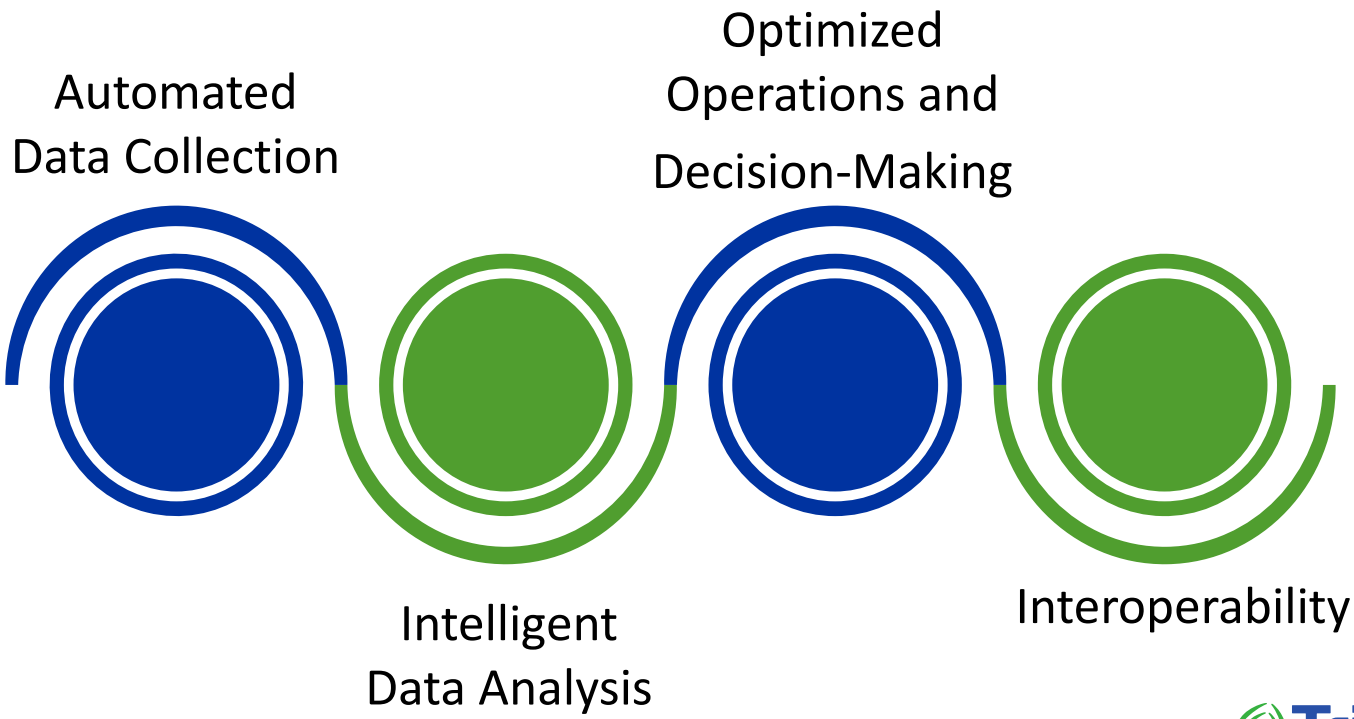
Smart Grid Solutions
Analytics as a Service

A single platform for:



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Smart Grid Solutions
Outage Management

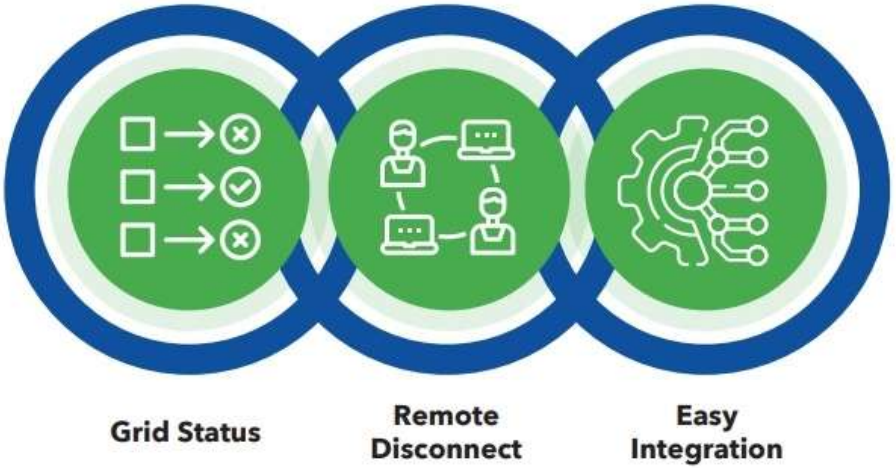
Manage outages proactively:

- Leverage superior vendor-agnostic data collection
- Integrate with any meter or device
- Collect data on-site or remotely
- Track usage with web portals
- Perform advanced measurement management

Smart Grid Solutions
Distribution Automation

- Leverage our leading AMI solution for improved metering and billing efficiency, system reliability and asset utilization.

- Enhance network management and improve customer satisfaction through:



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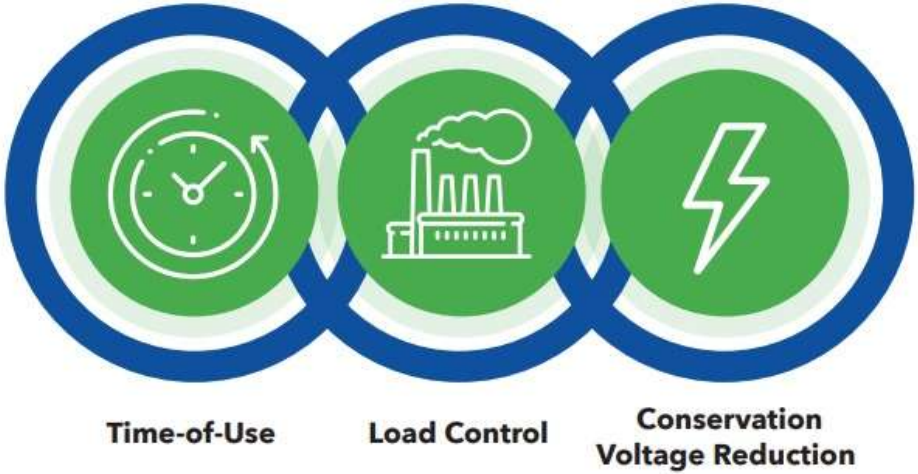
Smart Grid Solutions
Demand Response

- Flexibility to control response to fluctuating loads and time-of-use.
- Vary response to fluctuating demand with the flexibility to choose from these solutions:



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Discover the Power of
Data Analysis
Trilliant

Analytics as a Service

Unique Customer Benefits

CLOUD COMPUTING

Operating under the Saas model supported by Amazon web services/ cloud services to ensure scalability and high availability.

ANALYTICS

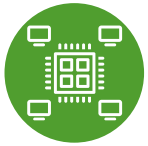
Predicts the results of various processes such as critical consumption, non-technical loss detection, forecasting, and more.

DYNAMIC

Adapts to the markets' needs; evolves to adjust to changes in the industry.

INTEROPERABLE

Information is exchanged with numerous back-office systems such as HES, GIS, OMS, CIS, ERP, and SCADA, ADMS, Enterprise Portal through industry standards such as Multispeak and CIM.



MULTI-TENANCY

Multi-tenant architecture hosts the software in a single instance to enable use by multiple customers or organizations

IT SECURITY

Cybersecurity based on NIST SP 800-53, NIST CSF, FedRAMP, ISO27001 and ISO27034, SOX and FIPS 199 frameworks.

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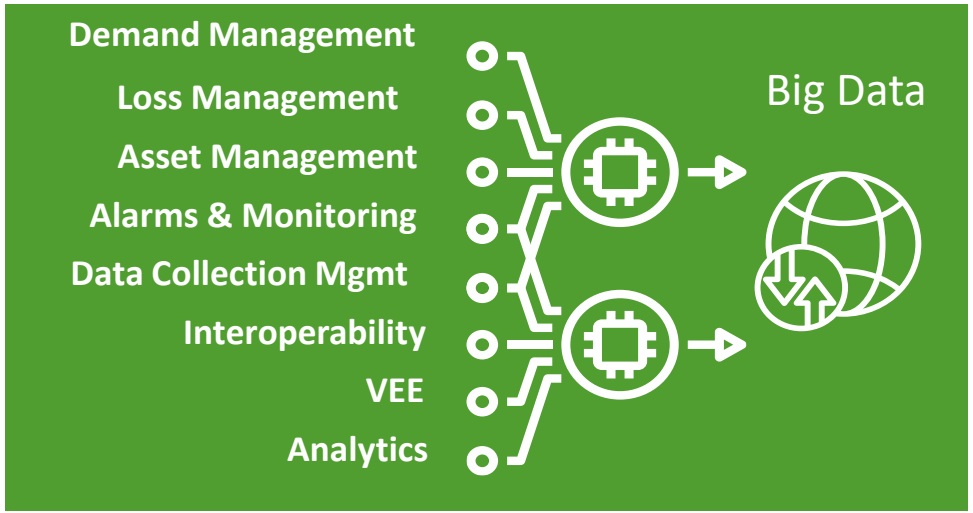
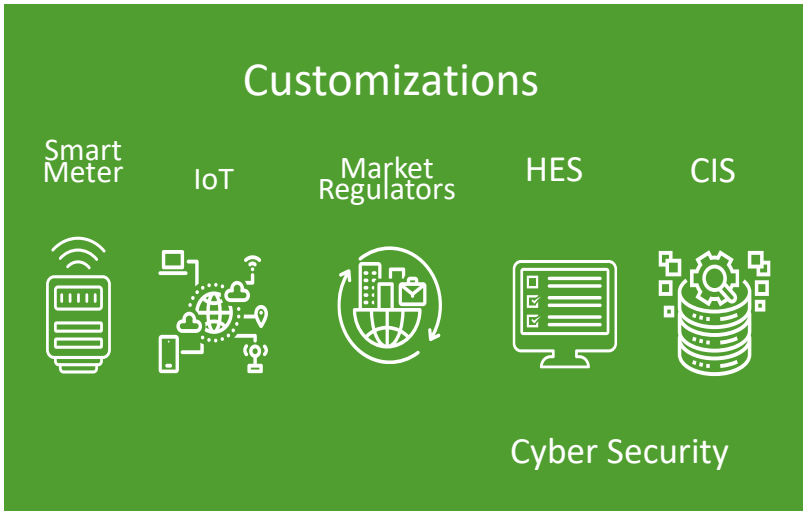
Analytics as a Service

- Upload, transform and process large volumes of data
- Leverage cutting-edge architecture without further investment in hardware and IT resource
- Improve decision-making





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Discover the Power of
Smart Cities & Smart Building Solutions
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Trilliant Advance Metering Infrastructure

Automation – Control - Responsive

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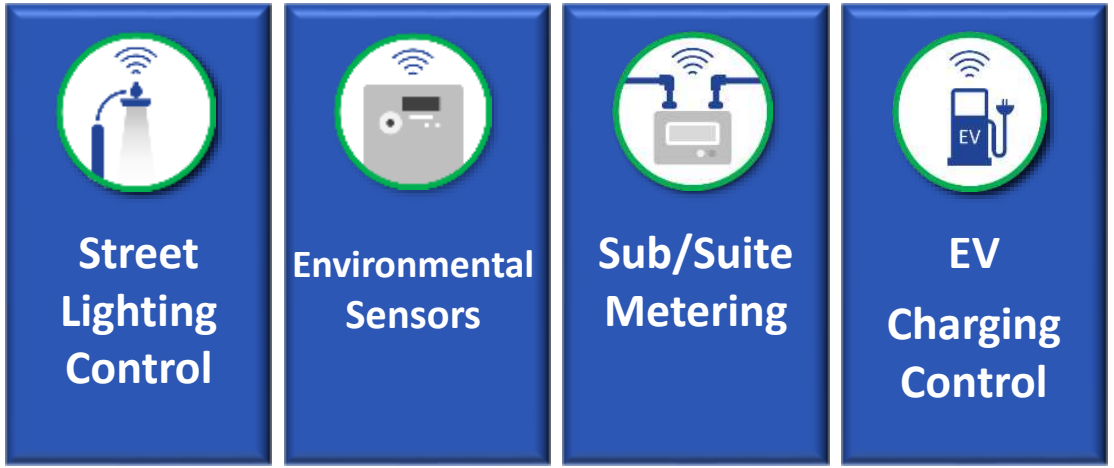
Sustainable Smart Cities Solutions

Increase energy efficiency, manage energy consumption, improve connectivity, reduce cost and ensure public safety



Supporting Energy Efficiency, Electricity Management Public Safety, and Connected Communities

Trilliant

Trilliant Smart Street Lighting

- Reduced Operational Expense ~ 20-30% Savings
- Automated Dimming, On, Off
- Reduced Energy Consumption & Maintenance
- Improved Citizen Safety & Quality of Life
- Centralized Management System for proactive management and visibility

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Trilliant Sub-Metering /Suite-Metering

- Cost Management: Tracks individual consumption for accurate billing
- Energy Efficiency: Monitors and optimizes building performance
- Space Saving: Eliminates the need for large meter rooms
- Scalability: Easily integrates with existing infrastructure
- Smart Integration: Supports additional smart building applications

Trilliant®

Trilliant EV Charging Control

- Grid Stability: Ensures reliable energy distribution
- Scalability: Grows with increasing EV demand
- Data Optimization: Enhances energy management
- Smart City Integration: Supports urban efficiency
- Future-Proofing: Prepares for technological advancements

Trilliant

Discover even more
about Trilliant

Strategic Managed Services and Support Solutions

Enable Utilities and Cities to Maximize Return on Technology Investment, from Technical Training, to Maintenance & Support, to Application Hosting

Trilliant

A Sampling of Our Trusted, Strategic Partner Ecosystem

Ensuring Customer Success

Trilliant offers a robust partner community designed to meet every customer need worldwide.

Key Suppliers

Manufacture Trilliant's patented hybrid wireless communications technology

vodafone, 3, Atmel, FLEXTRONICS, gemalto, JABIL, MICROCHIP, NXP, QUAD LOGIC, RENESAS, VARITRON

Software and Analytics

Compliment Trilliant's platform to offer best-of-breed applications and software

birst, sas, Utilidata

Systems Integration

Integration with existing systems is a critical part of a Smart Grid deployment

ORACLE, CGI, BLACK & VEATCH, accenture, Capgemini, EY, Business Partner, PARSONS, VERISIGN, SIEMENS

Smart Grid

Innovative meter vendors who support the Trilliant Platform with RF mesh and cellular communications

Sagemcom, ABB, ALTIOR, Aclara, SECURE, COOPER Power Systems, EDMI, ENERGATE, Digital Energy, Genus, Holley, ORACLE, NiK, KAIFA, Landis+Gyr, GoldCard, PAYGO ENERGY, Sciknow, Schneider Electric, SEL, SCHWEITZER ENGINEERING LABORATORIES, SIEM, QUADRAN, TATUNG, WASION

Smart City & IIoT

Leading Smart City / IIoT application companies who leverage and integrate with the Trilliant Platform

InkwellData, sense, AGRISOURCE DATA, BUILDING kamstrup, CIMCON Lighting, Inc., citelum GROUPE EDF, CORE KINECT, Dimoff, EnTek, Gemtek, geo, KONČAR, LED ROADWAY LIGHTING, SCT

DISCOVER THE *Power Of Choice*

Trilliant

Proven expertise, innovation, and growth

200+ 66%

With valued customer relationships worldwide, Trilliant is a responsive and nimble solution provider ready to meet your unique needs. 66% use multiple Trilliant applications.

40M+

Endpoints in deployment or operational, running on the Trilliant platform

95

95 Patents
18 patents pending
Top talent across regions

340+

Outstanding meter integration capability with 340+ meter brands & models globally

Discover the Power of Choice worldwide

Trilliant

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