

PRIME ENERGY SUITE

Prime Energy Suite is more than just a tool for meter data management (Meter Data Collector), as it helps to improve operational efficiency for utilities.

ABOUT TRILLIANT'S SOFTWARE OFFERINGS

We are Trilliant, a software development company with more than 30 years of experience in the energy and utilities sector. In 2020, Trilliant acquired Bogota-based PrimeStone, adding intelligent data collection and analytic services to their robust solution set of networking technologies. With more than 280 customers utilizing products across 25 countries, Trilliant is a leading international provider of utility solutions for advanced metering and smart grid systems

WHAT MAKES US DIFFERENT?

We are known for our culture of flexibility and customer service, which allow us to provide solutions that meet our customers' needs. Our modular software system allows for the implementation of solutions that can be grouped individually or in various combinations to comply with specific requirements and processes. We also have an expert team of professionals whose experience optimizes, improves, and innovates with solutions and services that exceed our customers' expectations.

RECOGNITIONS AND CERTIFICATIONS

We have adopted the industry's best practices in software development and maintenance, as well as in the operation of our products and services. As a result, we have received several certifications and awards in our extensive experience:





DATA ACQUISITION AND CONTROL ACTIONS



We improve the data acquisition process

Prime Energy Suite (PES) is a multi-protocol, multi-network software suite for data management that supports nearly 300 device models. PES adapts to the unique operational practices of each company by automating usual workflows through schedules, simplifying the collection and processing of device data, all while providing control for actions such as time synchronization, disconnection, reconnection, demand reset, and more.



VALIDATIONS

We ensure data consistency and reliability

We guarantee data quality and integrity through validations predefined in the solution. Users only configure the tolerance ranges to ensure data reliability.



ESTIMATION AND EDITING

We implement careful estimation and editing techniques to ensure data quality

From actions based on historical information, typical consumption curves, backup device readings, and information about generated energy, energy consumption can be estimated at a specific point of your system. Moreover, device readings can be modified and edited.

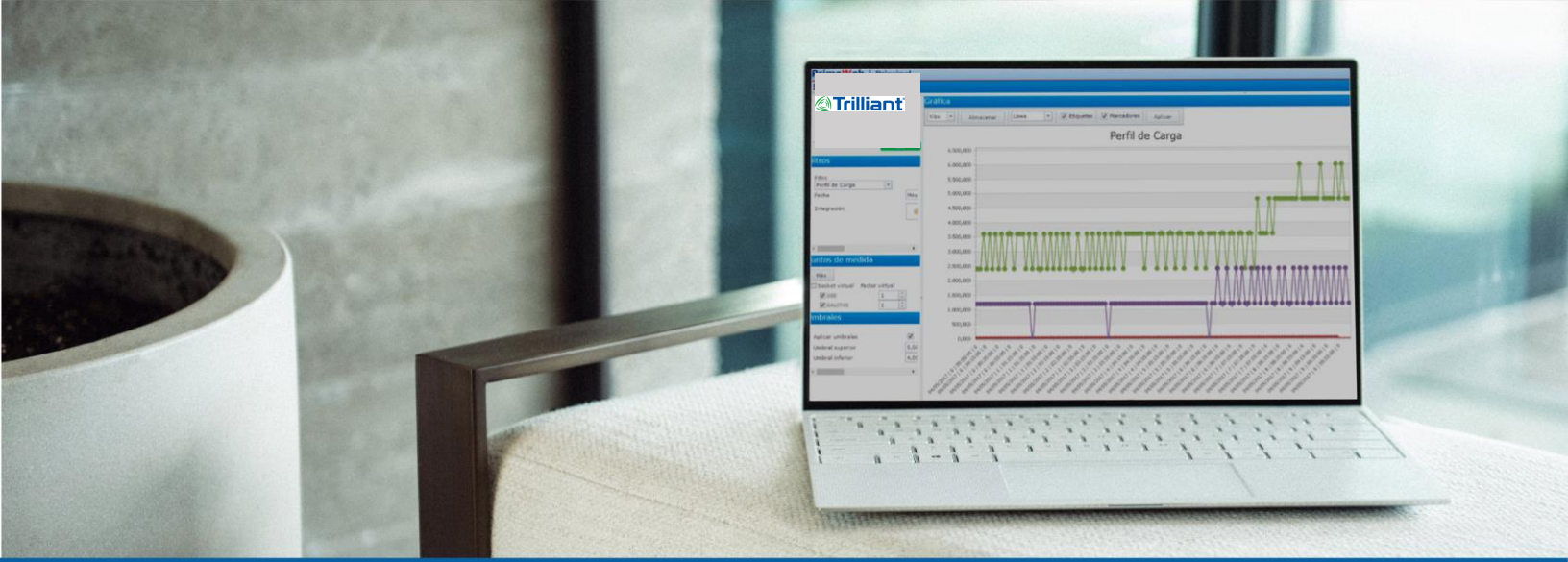


DATA VISUALIZATION

We offer a solid basis for informed decision-making

The data cube facilitates the query of information stored in the DB through filters that allow setting search parameters to extract specific data, as needed. This allows making reliable decisions and analyzing online and historical device data.

Furthermore, the cube generates graphs with information on the variables stored in the DB and exports them in different file formats.



REPORT GENERATION

We simplify the information management of your system

We supports reports that can be scheduled for automatic, periodic, and unattended generation and distribution in different file formats: PDF, HTML, TXT, CSV, RTF, Microsoft Excel, Microsoft Word, and XML.



CALENDARS

We support the management of tariff structures

We support TOU tariffs, and the creation of calendars based on seasons and day types to manage and distinguish user consumption profiles and demand control.



METER TRACKING SHEET

We support the asset management of your metering system

We keep the electronic document containing the technical characteristics of the elements of your metering system, verification reports, records of calibrations, maintenances, installed seals, and other elements and actions.



IMPORT AND EXPORT

We manage routine activities quickly and easily in order to minimize errors

Our system provides the ability to import mass amounts of information provided by third-party systems and can export information stored in the DB into different file formats.



USER ADMINISTRATION AND AUDITING

We guarantee data protection and security

The management of users and user roles allows granting specific permissions for the application actions and functionalities. It restricts the access control, deleting, and editing of data. In this way, a correlation exists between the user's role in the operation and in the application to run tasks. Moreover, every user activity is logged with a timestamp for auditing purposes.





LOSS ANALYSIS

We timely identify fraud or energy theft in your electrical system

Our solution tracks the energy losses of your distribution, transmission, or generation system and quantifies them by nominal voltages. It supports other loss analysis and visualization activities such as mapping your electrical system, calculating energy balances, and analyzing electrical structures in specific geographical areas.



QUERY PORTAL

We strengthen the relationship with your customers

The query portal keeps your customers informed about the consumption patterns of sockets, which encourages efficient energy use. We also promote your commitment to building strong, sustainable, and long-term relationships with your customers based on mutual responsibility.



CALCULATION TOOL

We calculate variable readings not delivered by your devices

We solve practically and simply the electrical calculations required by our customers' operation. We calculate load profile through registers, typical consumption curve, and virtual variables.



DEMAND RESPONSE

We improve the reliability levels of the electrical system

Our solution online monitors the contracted demand of your customers to track exceeded loads and reduce consumption.



ALERTS AND ALARMS ENGINE

We support the detection of system anomalies

Alerts and alarms timely notify customers of detailed information on the occurrence of important events, as well as technical or electrical inconsistencies in your metering system.

WHY CHOOSE TRILLIANT'S PRIMESTONE SOLUTIONS?

- ✓ We are a software house with extensive experience in developing solutions for utility companies.
- ✓ We adapt to our customers' needs and comply with the regulation of each market.
- ✓ We are constantly seeking to improve our solutions by integrating cutting-edge technology into our products.
- ✓ Our architecture is flexible and adapts to regulatory changes.
- ✓ We provide constant support in different languages.

WHERE WE ARE?



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