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Power Grid Management System | TRAZA

TRAZA is a power-grid management system, based on a geographic-positioning application, to manage the day-to-day operation of power grids and renewable energy plants. **The platform helps to reduce the complexity of maintenance of power grids and improve the decision-making process.**

THE Applus+ SOLUTION

TRAZA is a data-management tool that allows companies to organise the construction and operation of electrical installations and equipment. The Applus+ solution operates on multi-devices and is accessible from all operating systems through a common browser with secure universal access, even offline.

APPLICATIONS AND RELATED SERVICES

- Geo-referencing and facilities characterisation:
  - Wind farms
  - Photovoltaic plants
  - Power lines (high voltage/low voltage)
  - Transformation centres
  - Substations
  - Telecommunication networks
  - Civil works: pipes and road networks
  - Administration: plots and conditions
- Preparation, execution, analysis and monitoring of maintenance plans:
  - Corrective/preventive/predictive maintenance
  - Regulatory checks
- Reporting:

- Standard and configurable reports
- Data export

Traza+ allows the characterisation of assets from a technical, administrative, documentary and topological point of view, also including immersive digital models, BIM and LiDAR visualisation.

It has the capacity to integrate with other platforms such as SCADA, remote management, ERP, etc. to form an ecosystem that enables advanced management of electricity grids and renewable energy plants.

The environmental vision is also part of the platform, which allows the management of environmental monitoring of projects in accordance with applicable legislation.

Target customers

This service is targeted at the energy, TandD, wind, photovoltaic, maintenance sector companies.

Key customer benefits

- Integrates all the necessary information for efficient management and maintenance of the facilities.
- Provides a mobility tool for field operations.
- Enables the management of work orders.
- Allows the Geo-referencing and facilities characterisation.
- Improving the availability, reliability and performance of assets.