Elipse Power

ELIPSE POWER ADMS

Electric utilities are constantly trying to improve quality and efficiency of distribution by increasing the level of automation and control in the medium voltage networks. On the other hand, the more devices are added, the more complex the operation becomes, and the pressure for better reliability indicators demands the operators to make quicker, more assertive decisions. Modern tools for network management are essential in this scenario.

ELIPSE POWER ADMS

A platform for distribution network management, focused on the increase of productivity and efficiency, optimizing and controlling the network assets.

The network's electric modeling, based on IEC 61970 – CIM standard, guarantees shorter configuration, maintenance, and commissioning times, in addition to easier integration with existing corporate systems, such as GIS (Geographic Information Systems) and OMS (Outage Management Systems).

Smart modules, such as Self-Healing and Schematic View, complement this solution by supporting the decision-making process and improving maneuver and switching times.

FEATURES

- Self-Healing module: automatically reconfigures the distribution network to supply as much customers as possible, minimizing the impact of an energy fault.
- Schematic View module: automatically generates simplified views that makes it easier to understand the network topology, leading to quicker, more assertive operations.
- GIS import/synchronism tool: enables a unique registry for each device, ensuring information integrity and reduction of maintenance costs.
- Multiprotocol platform: allows integrating several distribution IEDs, taking full advantage of pre-existing legacy systems and devices.
- Topology Processor: a ready-to-use algorithm applied to operation diagrams. Performs the line coloring dynamically, enabling the operator to analyze which circuit paths are energized or not.
- Reliable electric registry: integration with other enterprise systems (GIS, OMS) ensures a safer operation, by reducing the chance of human errors in the configuration time.

BENEFITS

- Improved reliability indicators (e.g. SAIDI, SAIFI, CAIDI)
- Reduced operational costs in field crews
- Low cost for maintaining and integrating to other systems
- Preserves earlier hardware investments
- Enhanced operational security

Elipse Software is a global software company, and one of the leaders in the Brazilian market. Established in 1986, it has since worked with partners in more than 30 countries and had over 40,000 systems installed worldwide.

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