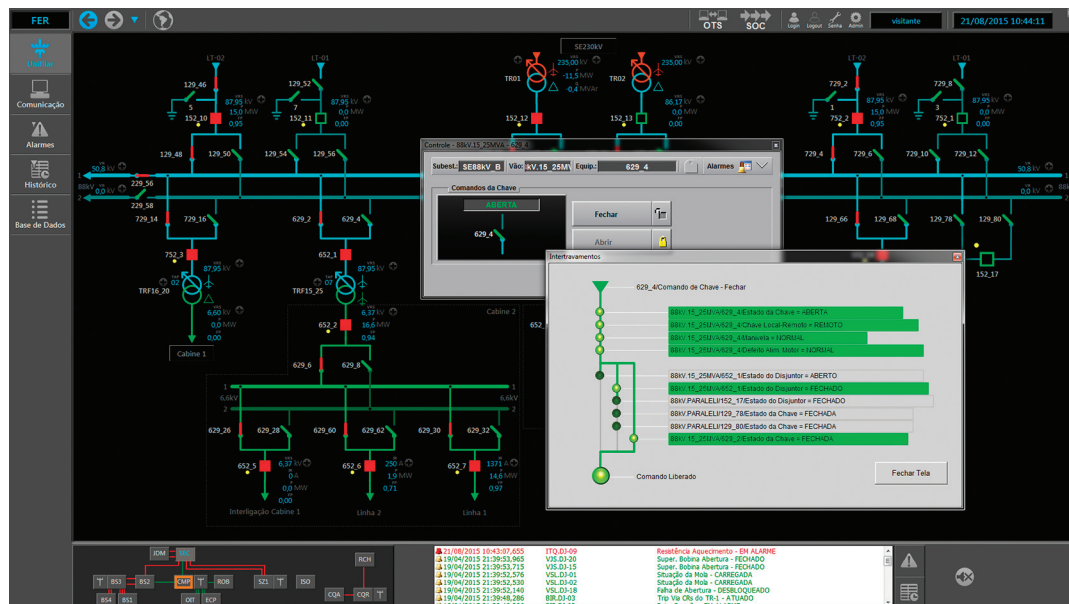**elipse** software

Elipse	Power

ELIPSE POWER INDUSTRY

Energy-intensive industries require robust supervisory control systems for power assets management. Any interruptions on an industrial system may imply in reprocessing the entire production or even in wasting a great amount of raw material, which would cause massive financial losses. Elipse Power Industry increases the energy supply's availability, quality, and reliability, which are crucial factors to industries planning to operate their plants more efficiently, thus reducing losses and costs.

ELIPSE POWER INDUSTRY

Aimed at industries and plants with massive use of energy, it allows developing applications that are able to manage and control a great number of substations and communication points.

Elipse Power Industry is a platform with tailor-made features for creating comprehensive control centers, providing centralized execution and remote access to local operation points.

The electrical systems modeling tool allows automatically generating the SCADA operating screens and adding/editing elements in order to reduce configuration and commissioning time, in addition to making the system safer and more reliable.

FEATURES

- Based on the IEC 61970 (CIM) standard, the system's electrical template is set up via an integrated graphic interface that automatically generates the operation's single-line diagrams.
- Topology Processor: based on the electrical template, this algorithm allows animating single-line diagrams automatically, with no programming required.
- Tag Browser: imports tags directly from IEDs via IEC 61850, thus dramatically reducing possible errors and configuration time.
- Templates: allow setting up all types of commands, measurements, and colors in a single environment for all devices in the system.
- Hot-Standby architecture: automatically switches between available servers.
- Supervises and controls a great number of substations and communication points.
- Available protocols: IEC 61850, IEC 60870- 5-101/102/103/104, DNP3, ICCP, among others.

BENEFITS

- Reduced engineering and maintenance costs.
- Reduced configuration and commissioning time/costs.
- High reliability and availability guaranteed.
- Interfaces display consistent data, which prevents misleading operations.
- Easily integrated with other pre-existing systems, such as SCADA/SDCD, thus preserving previous investments.

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.