



Elipse

Power

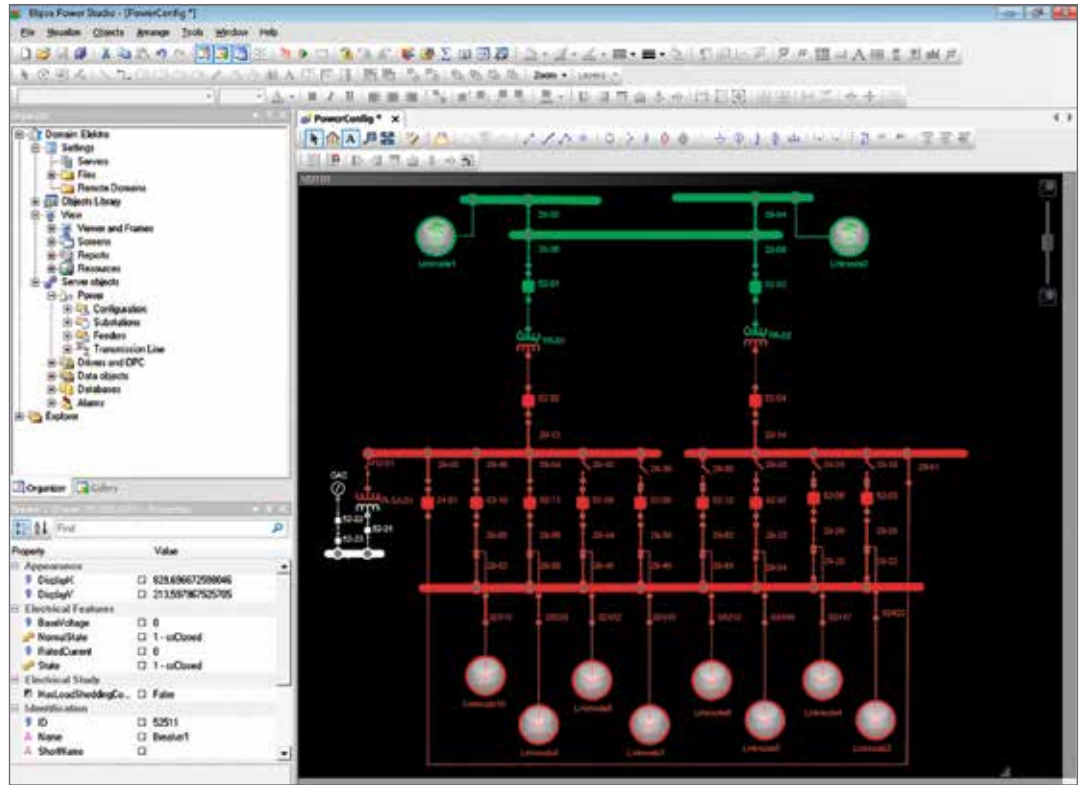
ELIPSE POWER HMI

The increasing number of communication data points available in new substations and the use of new protocols such as IEC 61850 add more complexity in developing,

commissioning and maintaining power automation systems. Protocol conversion to the control center is also required as a built-in feature in any substation HMI.



ELIPSE POWER HMI



Elipse Power HMI has special features for developing substation applications, providing local operation and remote access to the control center, while also working as a protocol gateway.

Elipse Power HMI has a powerful tool for modeling the electrical system, automatically generating SCADA's operation screens, providing a more reliable and secure system configuration and operation.

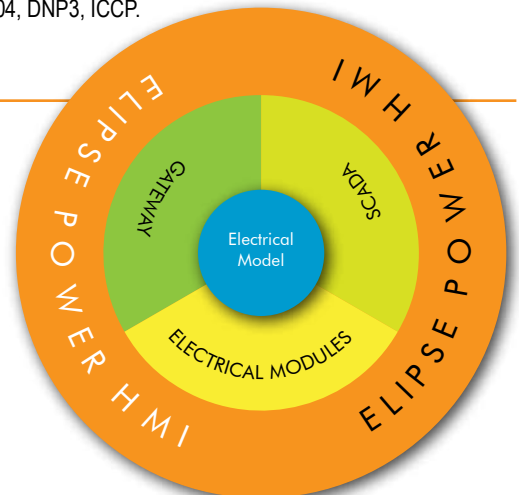
An intuitive interface, as well as special electrical features like topology processor and command interlocks, deliver security and ease-of-use when operating the system.

FEATURES

- The electrical system model is designed using an integrated Power CAD Editor that automatically generates operation diagrams and equipment structure based on CIM model.
- The Topology Processor algorithm running over the electrical model automatically animates operation diagrams with no need for programming.
- The TagBrowser automatically imports tags from the IEDs through 61850, drastically reducing configuration time when setting communication tags.
- Templates allow configuring command types, measurements and colors in a unique interface for all system devices.
- A unified interface for configuring HMI and gateway reduces engineering and commissioning costs.
- Protocols available: IEC 61850, IEC 60870-5-101/102/103/104, DNP3, ICCP.

BENEFITS

- Reduced commissioning costs.
- Reduced engineering costs.
- Reduced maintenance costs.
- Provides a secure and reliable operation.



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.