

PROTECTION OF HV/MV ELECTRICAL NETWORKS

Industrial Solutions



OUR TRADEMARKS



Protection & Control



Protection & Control

Since 1947, ICE is a company specialised in **the design, manufacturing, installation and marketing of protective relays and control/monitoring systems** for your electrical networks.

Our trademarks:



ICE: 600,000 PROTECTIVE RELAYS INSTALLED WORLDWIDE.

DIGITAL PROTECTIVE RELAYS

ICE offers a wide range of digital protective relays designed to meet all protection requirements.

NP900 & AP900 RANGE



NP900 - PROTECTIVE RELAYS

Comprehensive digital protective IEDs for feeders, transformers, generators, motors and busbars.

- Customisable and intuitive HMI (measurement display, control, MIMIC)
- Modular system (I/O cards, RTD, Arc Flash)
- True RMS disturbance records up to 31st harmonic
- Communication protocols including IEC 61850 and Modbus.
- Licence free software



AP900 - ARC FAULT DETECTORS

Complete solution to **arc flash protection**.

- Optimised protection and safety of employees and equipment
- Fast installation and commissioning time
- Easy adaptation to any switchgear and busbars
- Ultra-fast trip time (<5ms)
- Trigger on current fault, pressure and light combined

STATIC PROTECTIVE RELAYS

7000 RANGE

Static protective relays range including ITG, TTG, PTG, IAG... series.

Qualified products dedicated for nuclear activities.

ICE maintains the manufacturing and selling of 7000 series relays by specific management of component obsolescence.



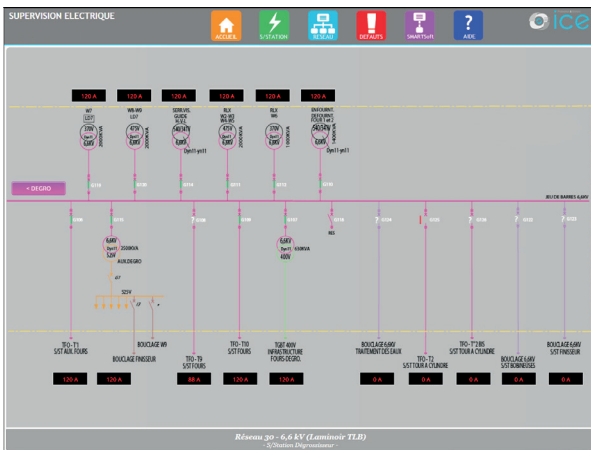
The NP800R range of relays can be supplied in an R type case, to easily **replace** 7000 Series CEE relays without any mechanical modification.

PS800 & PS8000 SUPERVISION SYSTEMS

Process optimisation is at the centre of your concerns and the growing number of connected objects is an opportunity for better management of your substations.

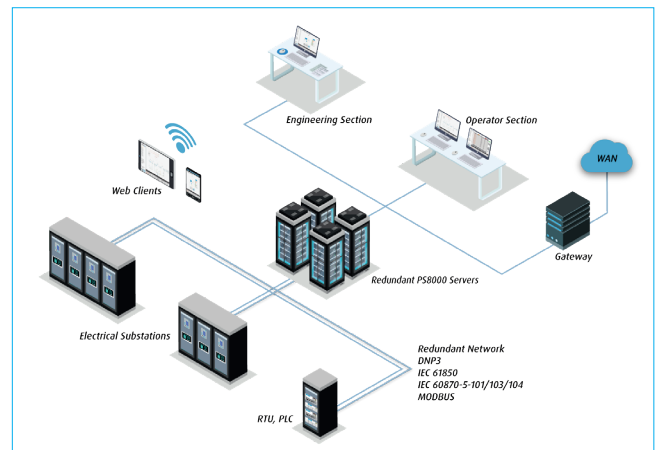
Our supervision systems can **monitor and control** all parts of an electrical network. These systems provide **load management information** in real time.

PS800 - SUPERVISOR



- Economic and easy implementation
- Licence free customisable web-based interface
- Identifies and locates faults
- Modbus protocol

PS8000 - SCADA



- Global vision of the whole electrical network
- Trigger protection systems
- Distribution of loads
- Identifies and locates faults

REGULATION RANGE

Designed for the **control and synchronism of rotating machines**, our products offer a wide range of solutions to ensure reliable operation of synchronous machines (alternators and motors).



AUXILIARY RELAYS



Range of **instantaneous, bistable, timer relays, and converters** for all protection and automation applications.

