

# PS8000 - SCADA

Supervisory Control & Data Acquisition

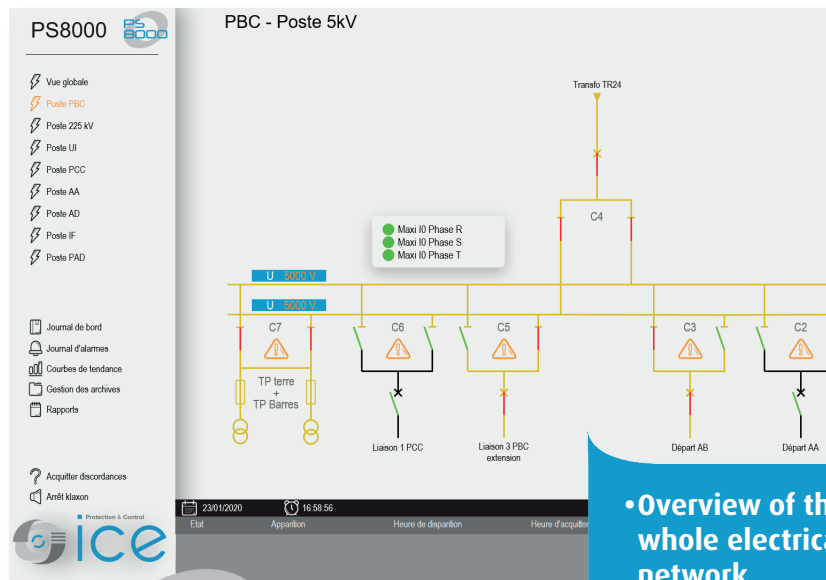


**Process optimisation** is at the centre of your concerns and the growing number of connected objects is an opportunity for **better management** of your **substations**.

Evolving and financially accessible, the PS8000 supervision system provides you with key data on the respective activities of each user, delivering dedicated information in real time.

Developed by ICE SAS, PS8000 is the latest version of the family of systems specialised in the supervision and control (SCADA) of electrical networks.

## PS8000 SCADA



### • Overview of the whole electrical network

- Trigger protection systems
- Secure command of switches
- Management of energy consumption
- Distribution of loads
- Identification and location of faults

The PS8000 supervision system allows to identify and even eliminate the reasons of faults and by this to guarantee a safe environment. It centralises data and has advanced automation capabilities to **minimise operating costs**.

Our energy at your service



## MAIN ADVANTAGES OF PS8000

### Complete system from field to operator levels

- Complete set of hardware and software complying with all electrical requirements
- Multilingual, user-friendly and easy to use

### Advanced functionalities for energy management

- Full dynamic representation and coloring of the network
- Complete interface with relays and data acquisition devices
- Automation functions via an integrated PLC
- Optional high speed load shedding

### Advanced solution based on Ethernet

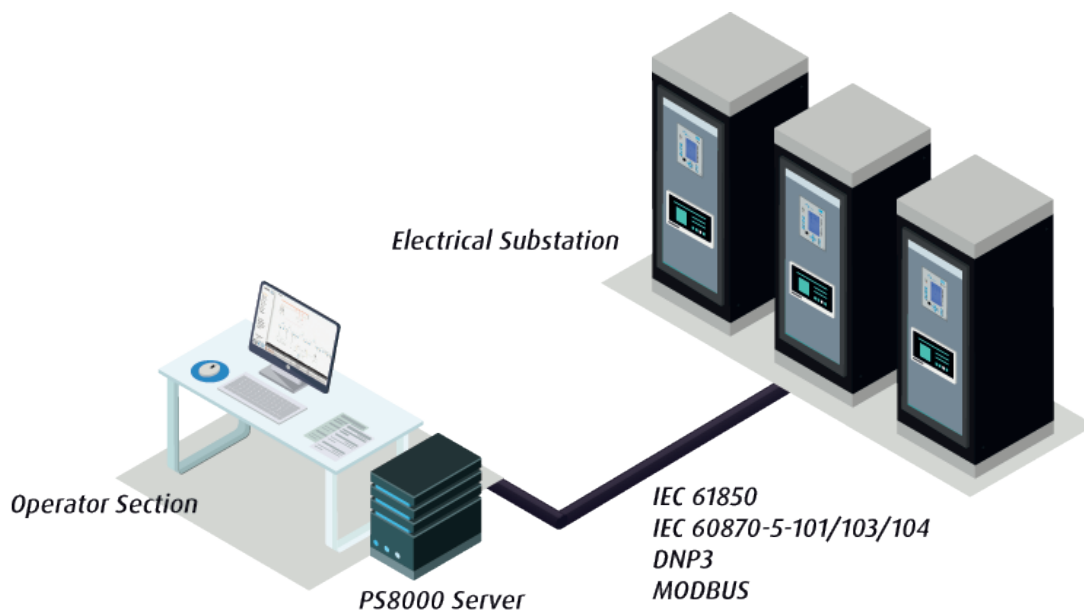
- Reliability and performance
- Industrial, evolving, adaptable solution
- Fast and secure
- Support of more than 300 protocols including IEC 60870-5 and IEC 61850

### Continuity of services ensured by redundancy

- On all levels of layers of the PS8000
- From simple configuration (two servers) to more complex applications (cluster of servers in loop)

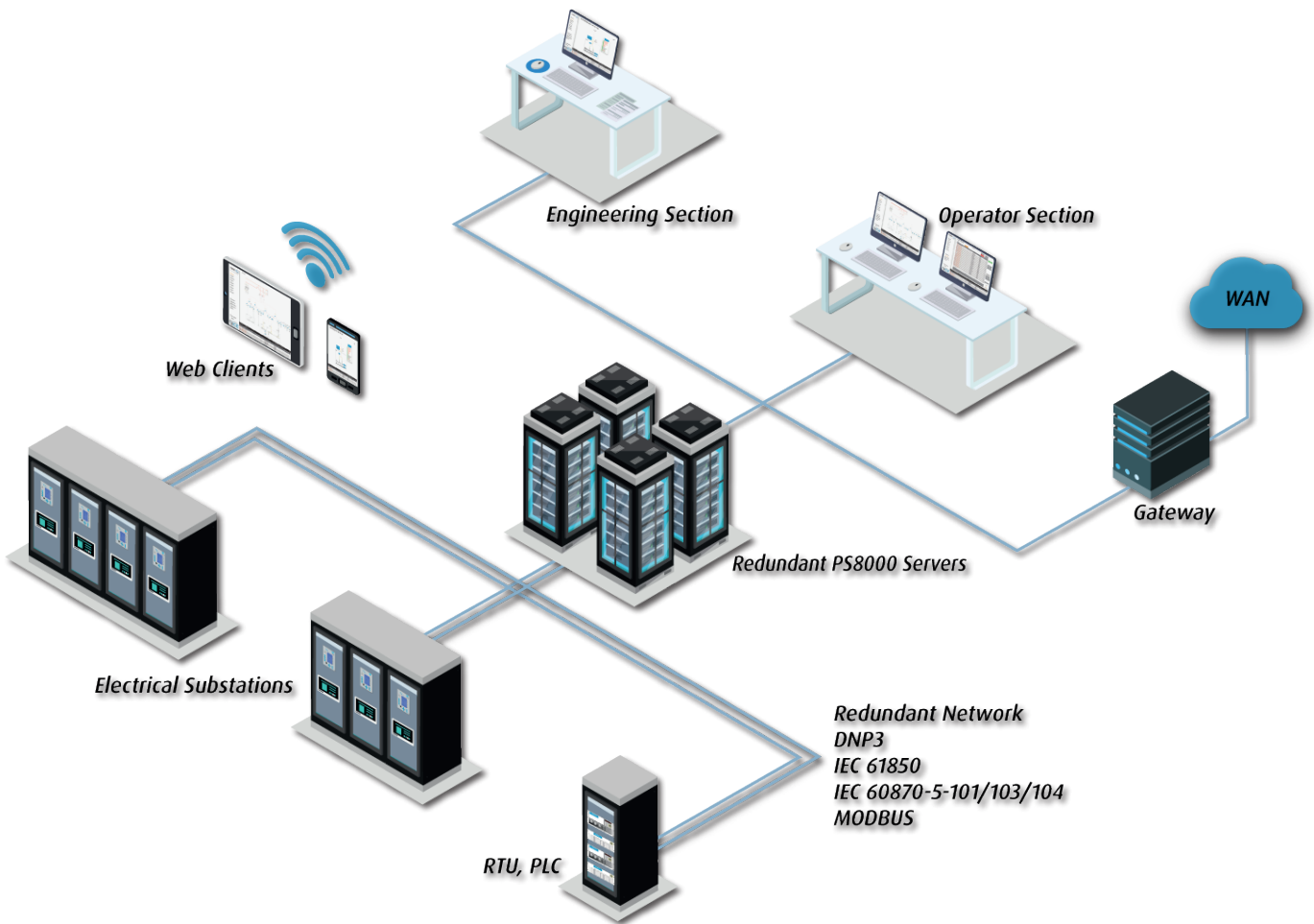
## ARCHITECTURES

### From simple...



## ARCHITECTURES

...to redundant multi-systems



## ELECTRICAL NETWORK MANAGEMENT

Real-time update of synoptics, measures and energies

Real-time overview of the state of the electrical network:

- Status or value of any aperiodic information from all sub-stations
- Measures and energies
- Display of relay parameters
- Secure command of switches

