

Remote energy management

EDS. Energy manager



Remote energy management

At CIRCUTOR, we have been manufacturing and distributing electrical energy efficiency management systems and equipment for more than 35 years. All the knowledge acquired during this time is reflected in our products, which are reliable, robust, easy to use and most importantly: innovative.

The rational and consistent use of energy is vital in order to make current and future energy needs compatible. Therefore, there is a great need for strong Energy Efficiency policies.

Energy must be measured to guarantee its correct management. Likewise, communications equipment must be used to centralise all data at one point to make sure that it is handled correctly.

EDS. Energy manager

Efficiency Data Server



Fully autonomous systems, no need for the use of a computer

Efficiency Data Server is an energy manager equipped with PowerStudio Embedded and a built-in web server, which enables the user to query any electric variable by connecting the measurement equipment through its RS-485 bus, without having to install software in a local area network (LAN or VPN) computer.

Thanks to the RS-485 expansion bus, the user can view any variable of the units connected to the bus and can even display information in real time, in table or graphic format (data logger).

There are 8 voltage-free digital inputs and 6 programmable relay outputs.

The most salient features include:

- Parameterisation and management of automatic events
- Alarm recording system and system event management
- E-mail alarms
- RS-485 port for up to 5 CIRCUTOR units
- Ethernet connection
- Centralisation of alarms or consumption by impulses



Domestic application

Compare your consumption with that of the energy marketer contracted



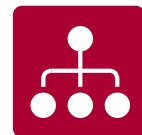
SME / Industrial application

Connect the system when needed and control the consumption of your energy installation, with no need to install a local computer



Multi-point Application

Efficient, easy and simple centralisation of the consumption of your remote sites for control purposes



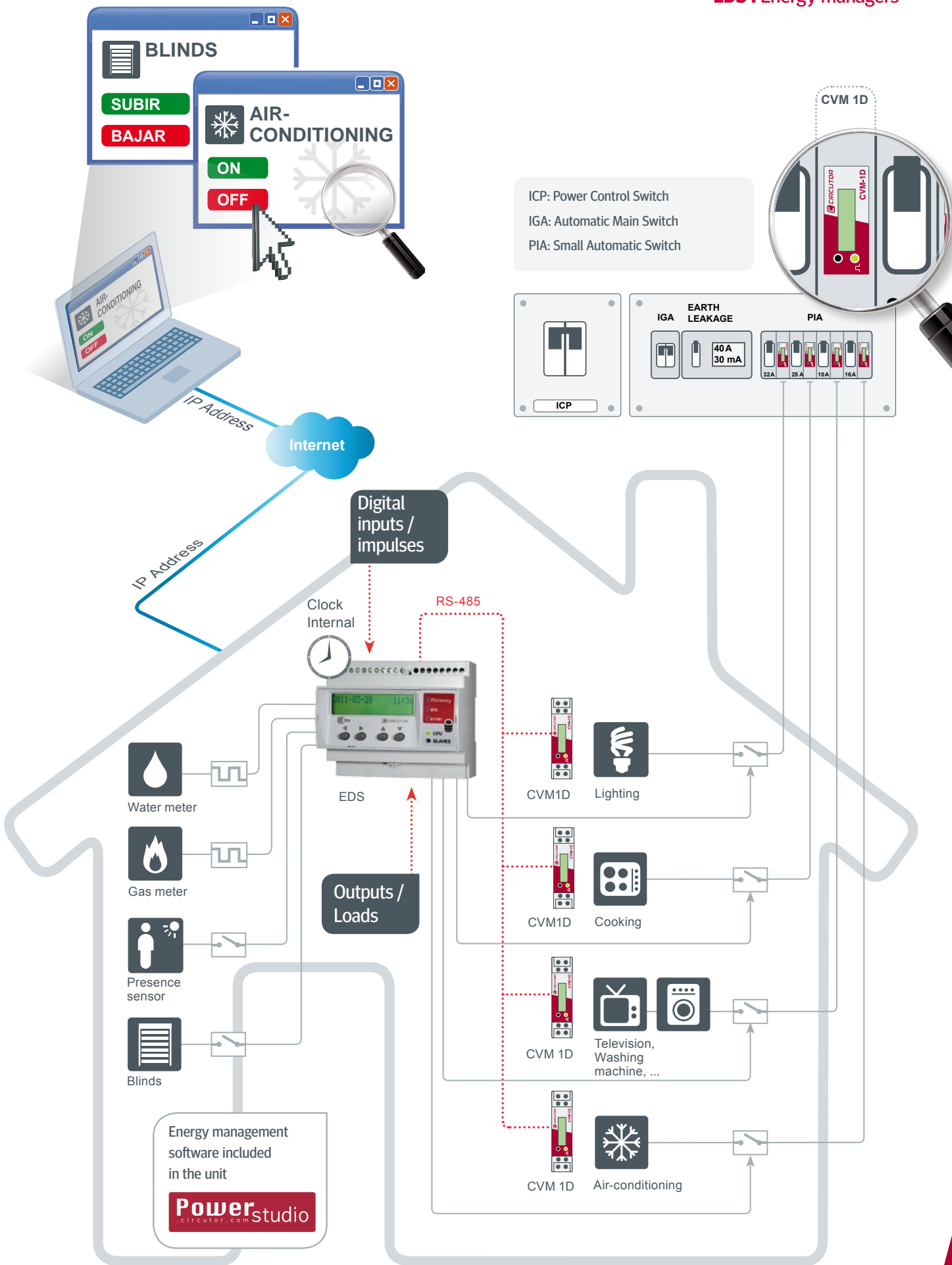
Compare your
consumption with that
of the energy marketer



Domestic application

EDS can be used to control the partial consumption of each load in a domestic installation, such as lighting, appliances and even the total consumption, with the purpose of comparing the total consumption with that stated on your electricity bill.

- Control of consumption in your home
- Compare your consumption with that of the energy marketer
- Rationalise consumption in your home



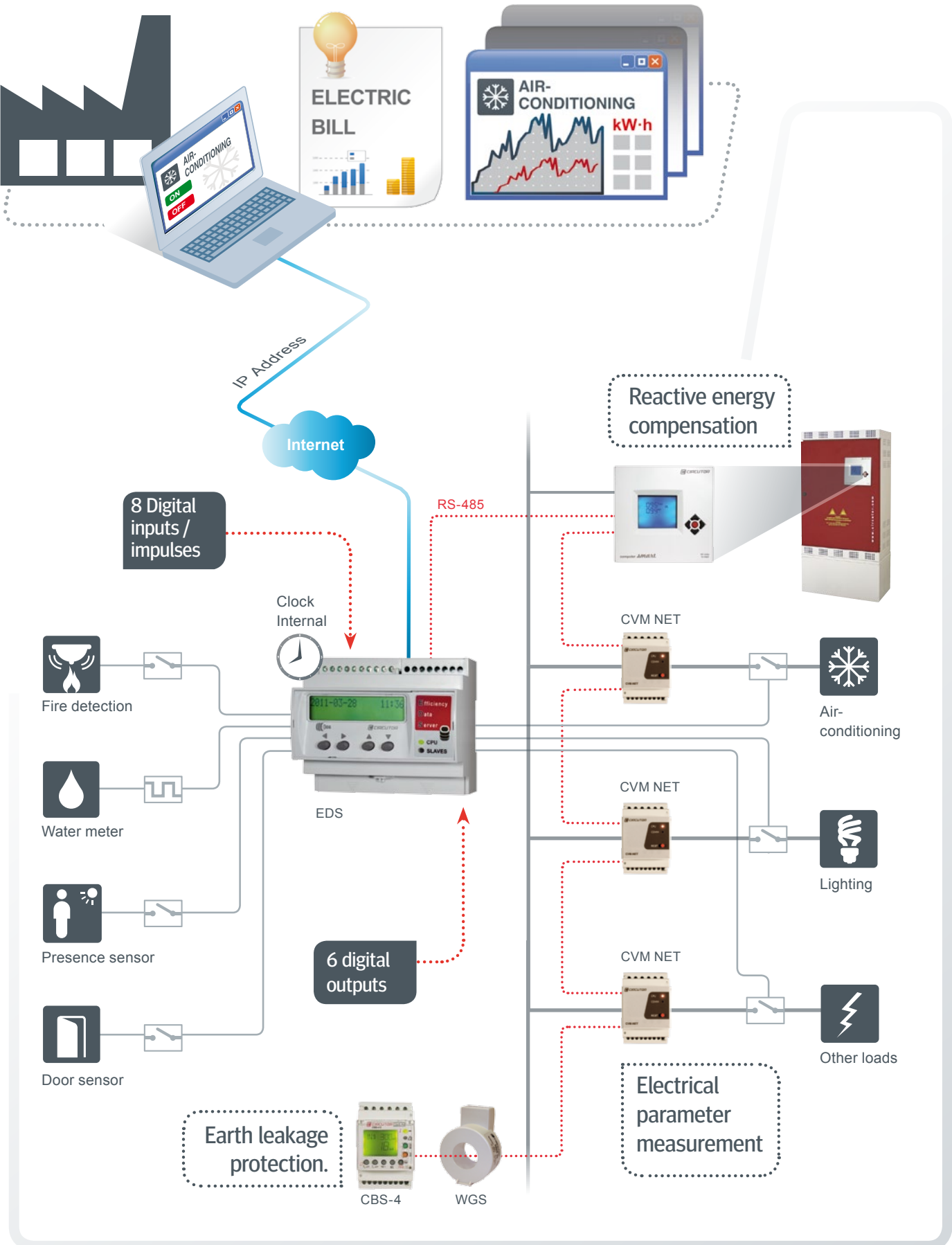
Consumption or incident alarms in your electrical network



SME / Industrial application

EDS can be used to control the partial consumption of the different single or three-phase loads in production and non-production periods, with the purpose of optimising energy costs and allocating production costs.

- Control the consumption of your installation 24 hours a day, 365 days a year and locate residual consumption in non-production periods
- Compare the power level contracted in your installation
- Supervise the level of harmonics and reactive load of your installation
- Consumption or incident alarms in your electrical network
- No need for a computer
- Connect when needed, the system is activated automatically
- Provides information about your bill before receiving it



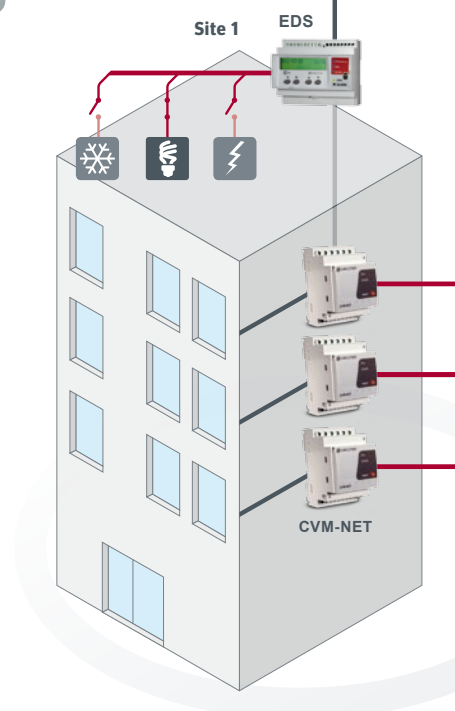
Efficient, easy and simple control of the consumption of your sites

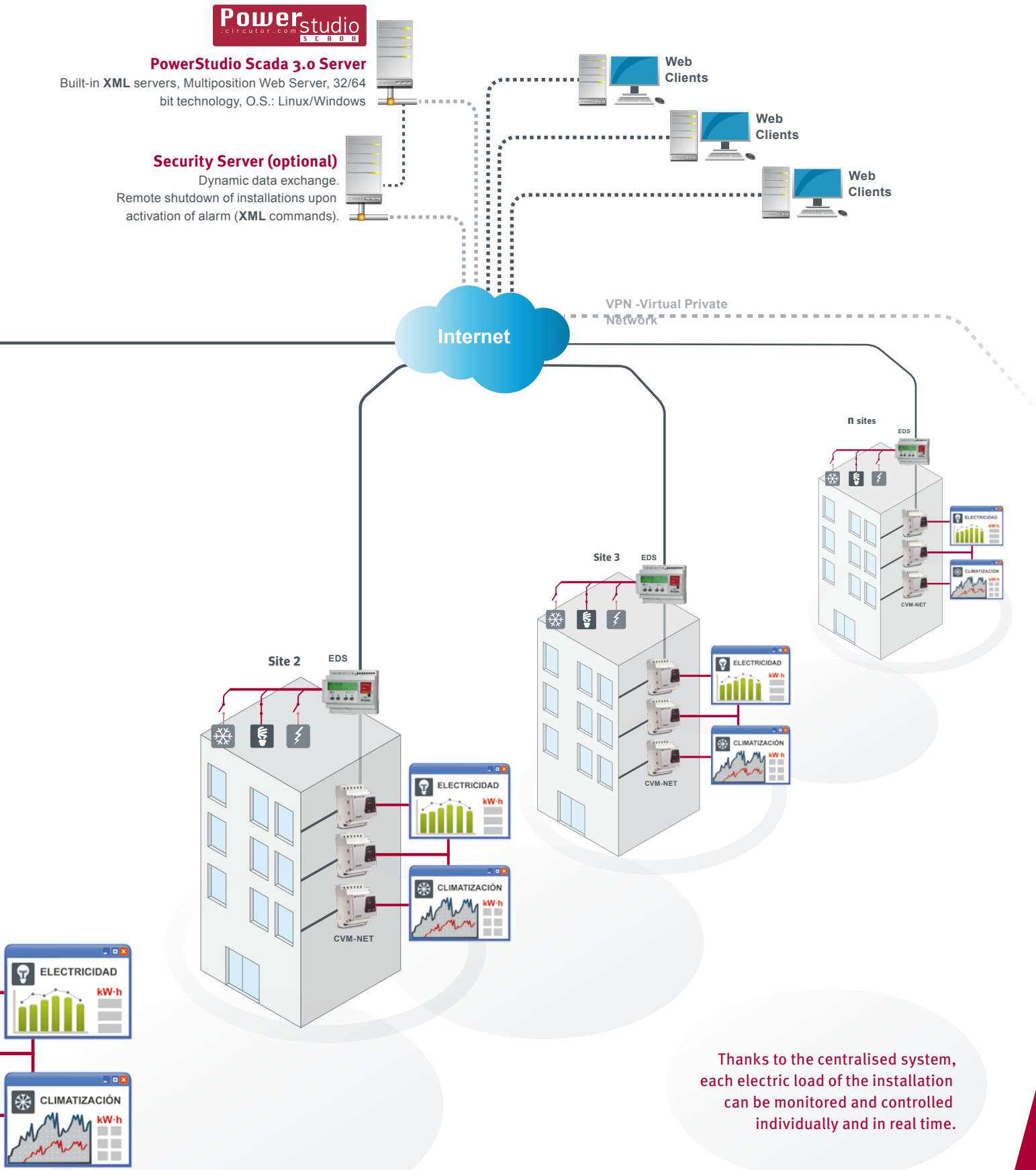


Multi-point Application

During the distribution of loads (or in remote installations), **EDS** can be used to control the individual consumption of your installation, centralising it in a single **PowerStudio** central application, to control total consumption and/or compare it with other similar installations.

- Efficient, easy and simple control of the consumption of your remote sites
- Energy reports per consumption zone or site
- Remote excess consumption or incident alarms in the electrical network of the different consumption zones
- Possibility of comparing the consumption of different sites





Thanks to the centralised system, each electric load of the installation can be monitored and controlled individually and in real time.

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EDS. Energy manager

CIREOS. Efficiency indicator

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