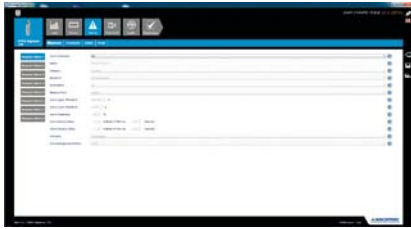


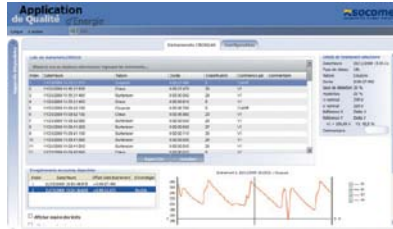


# COUNTIS and DIRIS management software tools

Software suite



Easy Config software



Analysis software

Compatible with:



COUNTIS E



DIRIS A



DIRIS Digiware



DIRIS B30

## Function

To get the most effective use from your Socomec measurement and metering devices, we can provide dedicated software tools:

### Easy Config software

The Easy Config software enables quick and easy remote device configuration for DIRIS Digiware, DIRIS B, DIRIS G, DIRIS BCMS 720, COUNTIS E and DIRIS A devices. Configuration files can be copied from and sent to these devices, or they can be created without communication and sent at a later time.

Multiple devices can be configured from a single file which is especially useful for OEMs and panel builders, saving time when having to program many devices with the same configuration.

### Analysis software

On the basis of an event log and the displayed curves, the Analysis software allows the analysis and extraction of quality data, as well as fault current monitoring (Residual Current Monitoring).

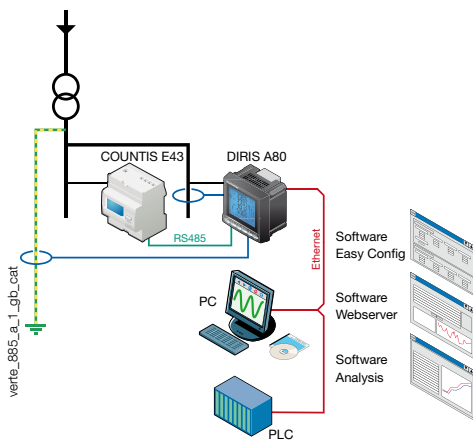
### Webserver function

The DIRIS A's optional Ethernet modules integrate HTML pages, enabling the Webserver function to be directly accessed through a standard web browser (Internet Explorer, Firefox...), eliminating the need for software installation.

The Webserver function enables:

- monitoring of electrical values,
- viewing of energy consumption,
- managing alarms,
- configuration of the main parameters of installation
- viewing and extracting load curves (through a .CSV file).

## Principle diagram



	Easy Config	Webserver	Analysis	WEBVIEW <small>See page 138</small>	HYPERVIEW <small>See page 140</small>
COUNTIS E with RS485 communication	•	• <sup>(1)</sup>		•	•
COUNTIS Eci	•	• <sup>(1)</sup>		•	•
DIRIS A10, A14, A17 and A20 with RS485 communication	•	• <sup>(1)</sup>		•	•
DIRIS A40 with RS485 communication	•	• <sup>(1)</sup>		•	•
DIRIS A40 with Ethernet communication module	•	•		•	•
DIRIS A60 and A80 with RS485 communication module	•	• <sup>(1)</sup>	•	•	•
DIRIS A60 and A80 with Ethernet communication module	•	•	•	•	•
DIRIS B	•			•	•
DIRIS Digiware	•			•	•
DIRIS G	•			•	•
DIRIS BCMS 720	•	•			•

(1) through DIRISA fitted with an Ethernet communication module with RS485 gateway.

## Easy Config software

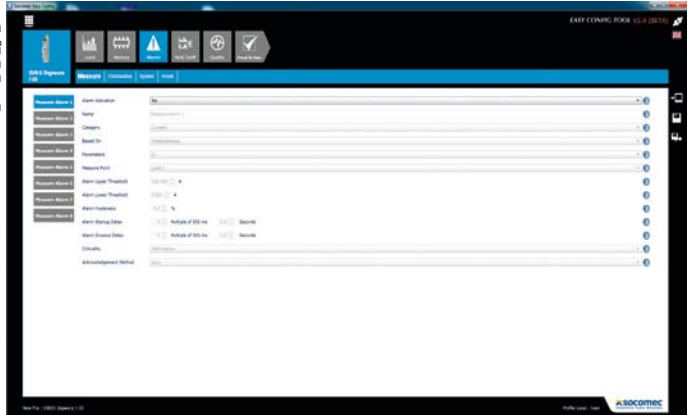


The Easy Config software enables quick and easy remote configuration of DIRIS Digiware, DIRIS B, DIRIS G, DIRIS BCMS 720, COUNTIS E and DIRIS A devices.

It offers the following functions:

- Creating the configuration of devices prior to their connection (configuration template).
- Saving a configuration to a PC.
- Loading the configuration to devices through USB, RS485 or Ethernet.
- Retrieving the configuration of a device through USB, RS485 or Ethernet for saving, copying or modification purposes.

diris\_886\_a\_1\_gb\_cat



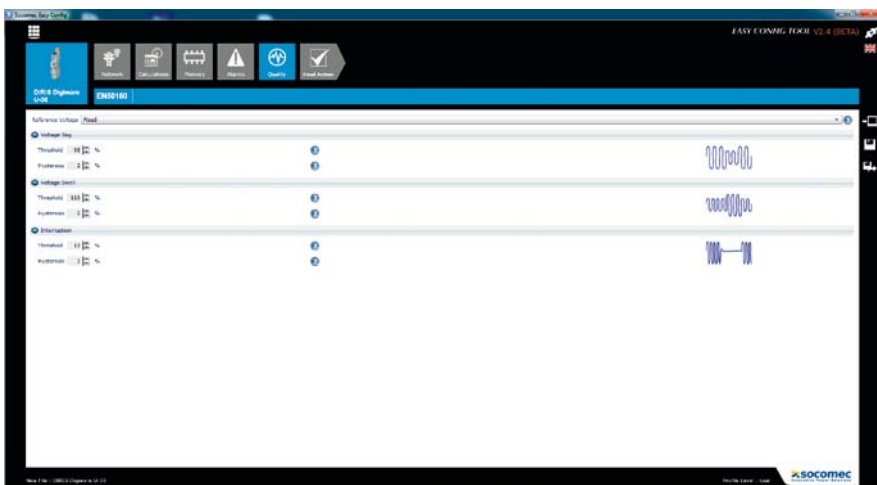
## Configuration of loads

diris\_883\_a\_1\_gb\_cat



## Configuration of Quality events

diris\_884\_b\_1\_gb\_cat



# COUNTIS and DIRIS

## management software tools

### Analysis software

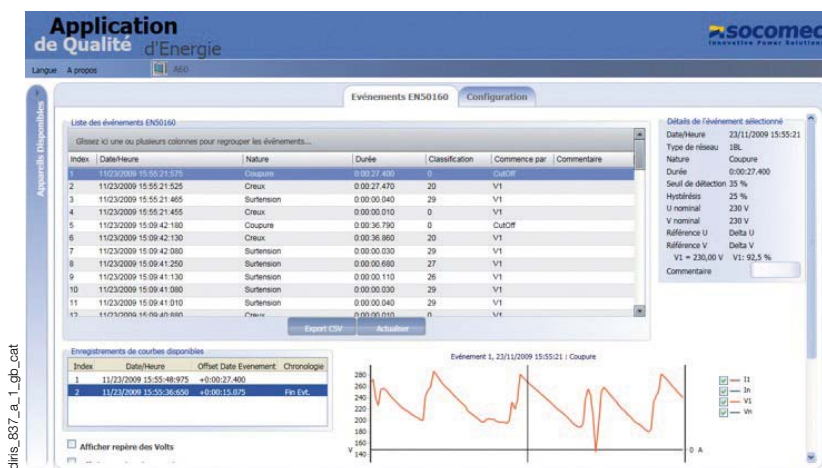
Improvement to the reliability of your electrical installation can be achieved with this software through the analysis of displayed event curves generated from the event log.

It offers the following functions:

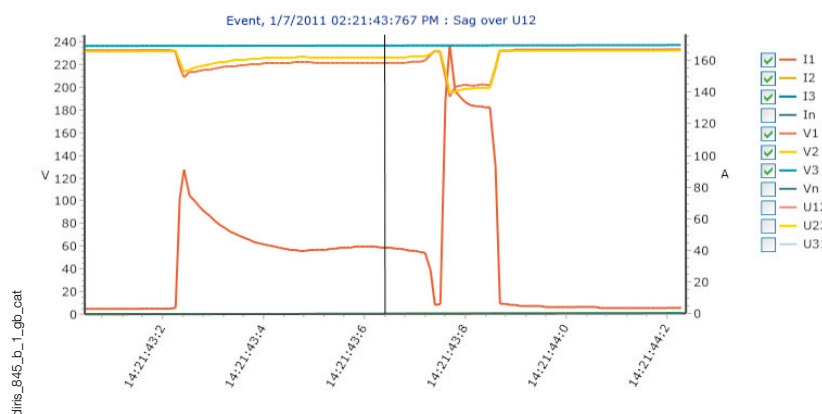
- A list of voltage dips, cut-offs, overvoltages and overcurrents.
- A list of alarms  $I\Delta n$  and  $I_{PE}$  for DIRIS A80.
- A display of 10 curves (3V, 3U, 3I, In) linked to the event with a zoom functionality.
- The classification of events according to the EN 50160 standard.
- Exporting of pictures or curve files.

This software can be connected to the DIRIS using either an RS485 MODBUS or Ethernet communication module. The Analysis software can be downloaded from the SOCOMEC website: [www.socomec.com](http://www.socomec.com)

### Event log



### Curves display and analysis



## Webserver function



diris\_776\_a\_1\_cat

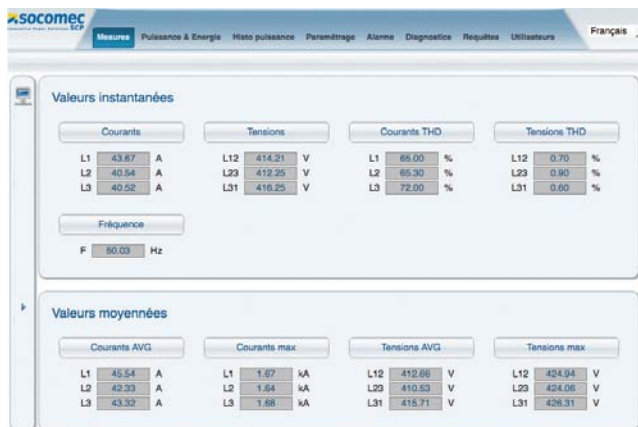
DIRIS A Ethernet communication module with RS485 gateway

The Webserver function comprises HTML pages embedded within the optional Ethernet communication module of the DIRIS A's multifunction meter. These pages can be accessed via an internet browser, simply by entering the DIRIS A IP address.

The Webserver offers the following functions:

- Monitoring of electrical values.
- Viewing of energy consumption.
- Management of alarms.
- Remote configuration of the main parameters for meters within the installation.
- Viewing and extracting load curves (through a .CSV file).

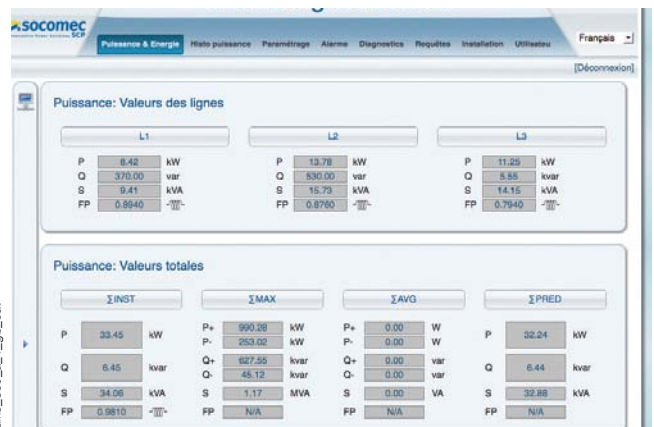
## Instantaneous report of measurements



diris\_867\_a\_1\_gb\_cat

Display for viewing instantaneous and average electrical values.

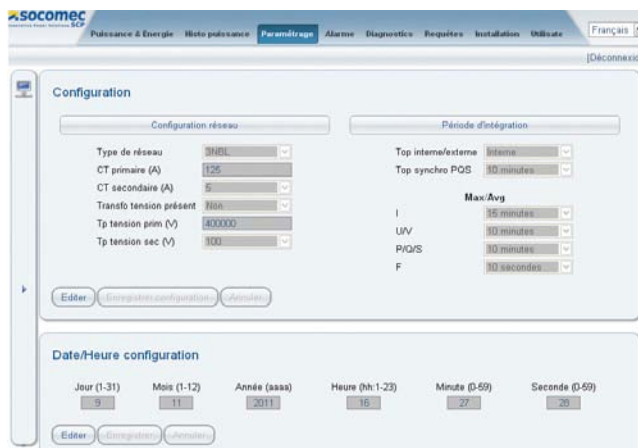
## Power and energy



diris\_869\_a\_1\_gb\_cat

Display for viewing instantaneous and average power measurements and energy consumption.

## Configuration of the devices



diris\_868\_a\_1\_gb\_cat

## Alarms



diris\_884\_a\_1\_gb\_cat

The latest alarms are date and time registered. The duration and value for each alarm (low limit value / high limit value), as well as the related output alarm number, are also displayed. Data can be extracted in \*.csv format.