INSTALLATION AND OPERATING MANUAL EN

WEBVIEW

Web Server embedded in Verifeye series 6000

LEVITON®

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1. DOCUMENTATION

All documentation on the WEBVIEW is available on the
LEVITON website at the following address: **https://www.leviton.com**

2. PRELIMINARY OPERATIONS

We suggest you become thoroughly acquainted with the contents of this manual before using the WEBVIEW.

Here is the list of compatible browsers:
- Internet Explorer v9 and higher
- Firefox v24 and higher
- Chrome v30 and higher

We recommend using a 1280 x 900 pixel screen for optimum legibility (reports and user interface).
Using a different screen format may cause changes in how certain areas are displayed.

3. INTRODUCTION

3.1. General introduction

The WEBVIEW software is part of the Verifeye series 6000 product.

The user can access WEBVIEW via a web browser on a PC or a tablet.

3.2. Functions

There are many functions inside WEBVIEW :

Monitoring
- Real-time measurements
- Alarms

Analysis
- Measurement trends
- Consumption

4. STARTUP

Like all Web applications, the WEBVIEW software needs an Ethernet connection to a local network.

Simply enter the URL of the Verifeye product in the browser to access WEBVIEW.

The default IP address of the Verifeye product is 192.168.0.2. This address can be modified using the configuration software Easy Config System (see the relevant manual for more information).

5. CONFIGURATION

You need to configure WEBVIEW to make the most effective use of its functions.
The different options are described in detail below.
To access the configuration interface, you need to log in as Administrator (Admin).

5.1. Configuration home page

1. Customize 'User' and 'Admin' profiles
2. FTP: automatically exports archived data in CSV format (consumption curves, load curves, measurement trends) via an FTP server
3. Hardware and software diagnostic tool
4. Select user profile
5. Select the language

5.2. Selecting the user profile

There are three types of profile:

- 'User' (default)
- 'Advanced User'
- 'Admin'

Access to the 'User' profile is automatic and does not require a password.

Select 'Advanced User' or 'Admin' profiles to configure settings.
Important: If the system remains inactive for a few minutes (in 'Advanced User' or 'Admin' mode), it returns to the 'User' profile

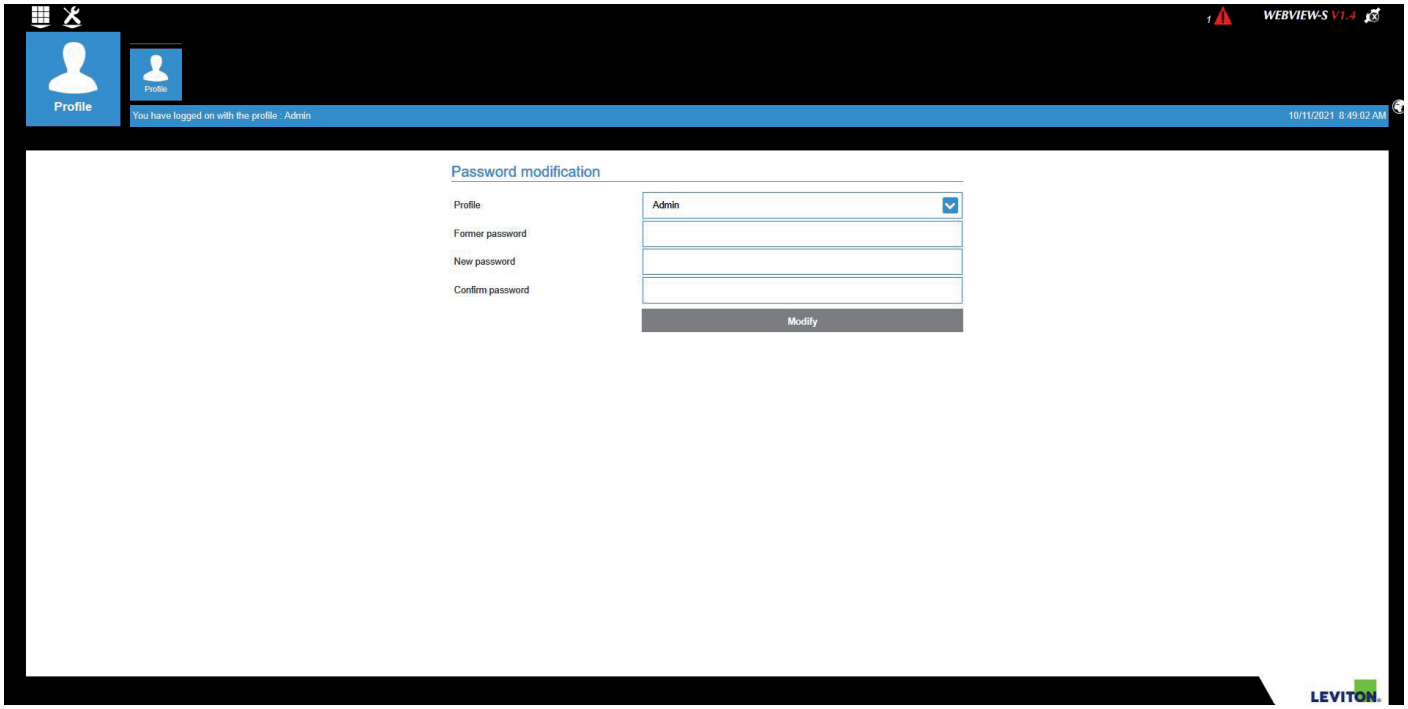
	Monitoring	Analysis	Partial energy reset	Register devices and hierarchies	Diagnostics	Change passwords	Default password
User	•	•			•		No password
Advanced User	•	•		•	•	Only Advanced User's password	UserAdvanced
Administrator	•	•	•	•	•	All	Admin

Please note: Password are case-sensitive.

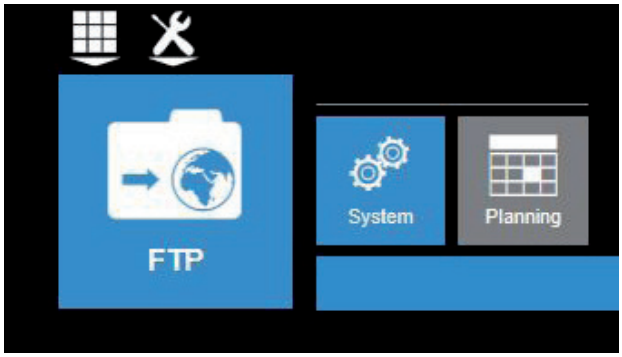
5.3. Customizing profiles

This function allows you to change the password of the Administrator profile.

Just fill in the corresponding fields and confirm by clicking Modify.



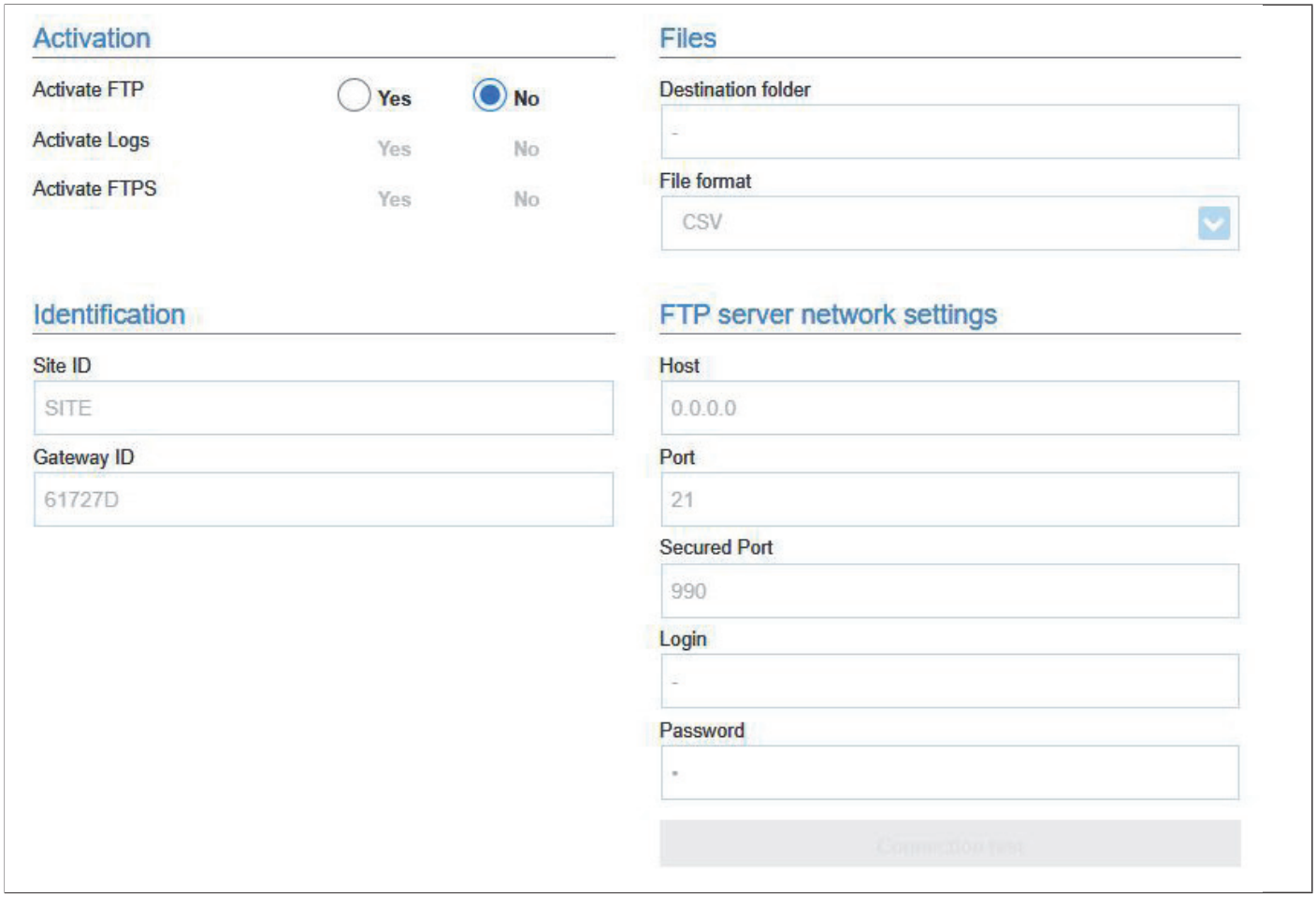
5.4. Exporting to the FTP server



FTP system: configure the FTP server settings

Planning: configure how often you want to export data

5.4.1. FTP system



Activate FTP: required to activate the automatic export of data
Activate LOG: can be useful for troubleshooting in case of non-function
Activate Security : activate FTPS or not

Identification

Site ID and Gateway ID are used to identify the files' source Verifeye product.

Files

Destination Folder: tree view of the FTP server folder in which you want to place the files.

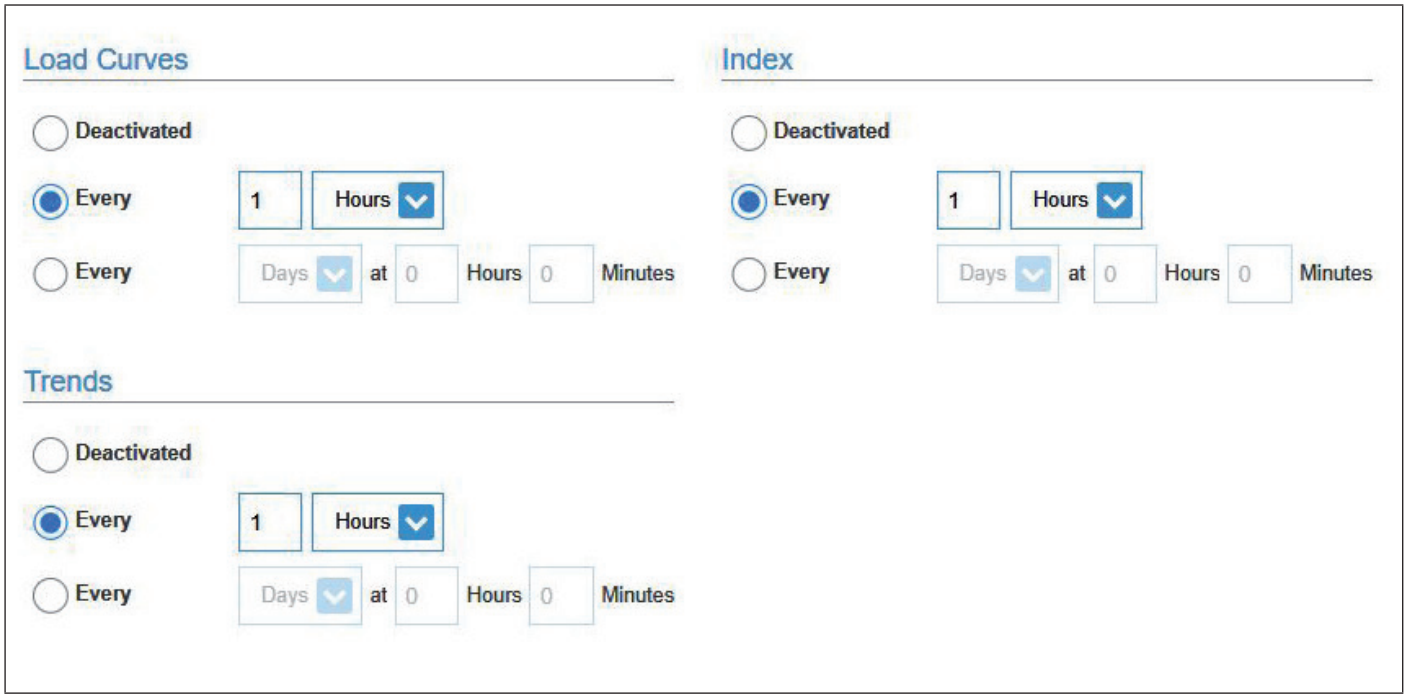
File Format: there are two different types of data file;

- CSV: file that the user can work in directly, in the form of a spreadsheet.
- EMS: file that cannot be viewed itself, but is more practical to integrate into monitoring or energy management software.

FTP server network settings

This shows the login details for the FTP server.

5.4.2. Planning



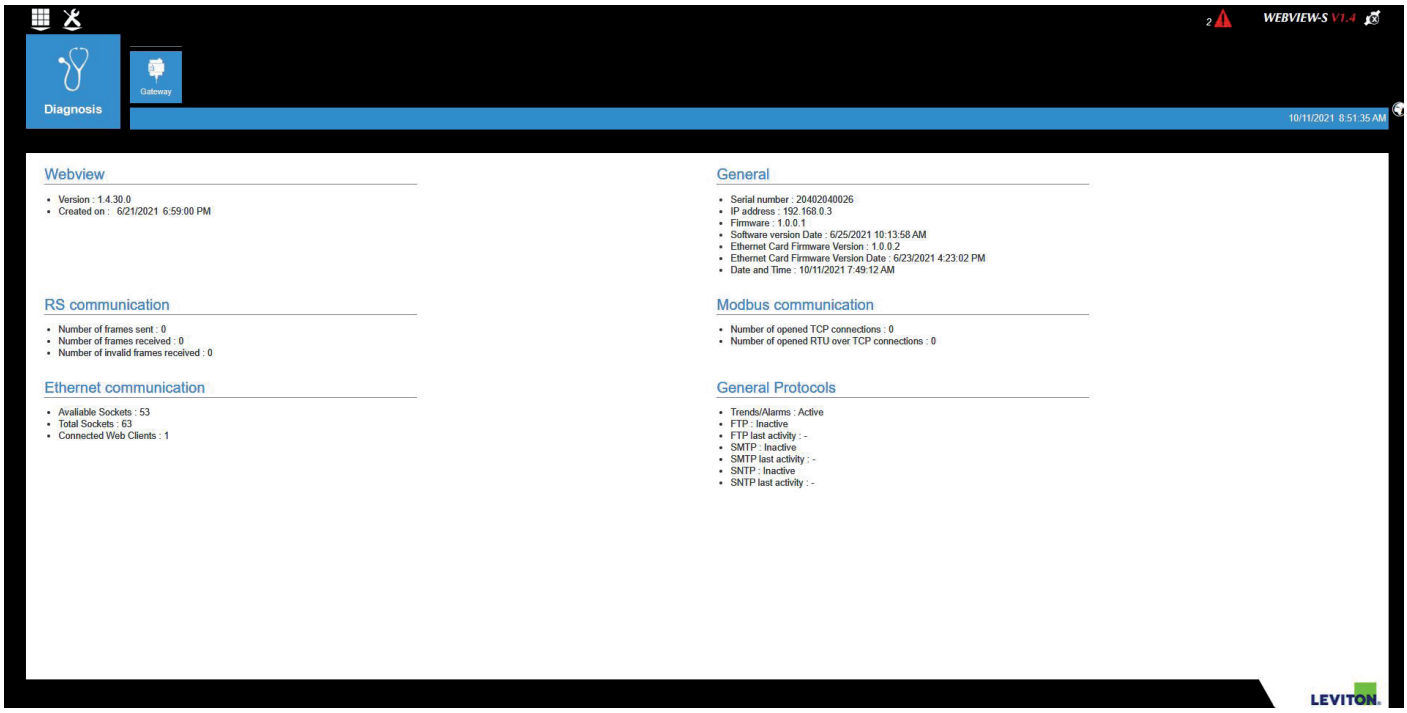
The verifeye meter can log three types of data:

- The meters (energy) => index
- The load curves (average power) => load curves
- Measurement trends (archived data in I, U, P, FP, T °C…) => Trends

All types of data can be exported separately at their own intervals.

5.5. Diagnostics

This function allows you to identify the hardware configuration, the software versions and the state of the network communications of the meters.

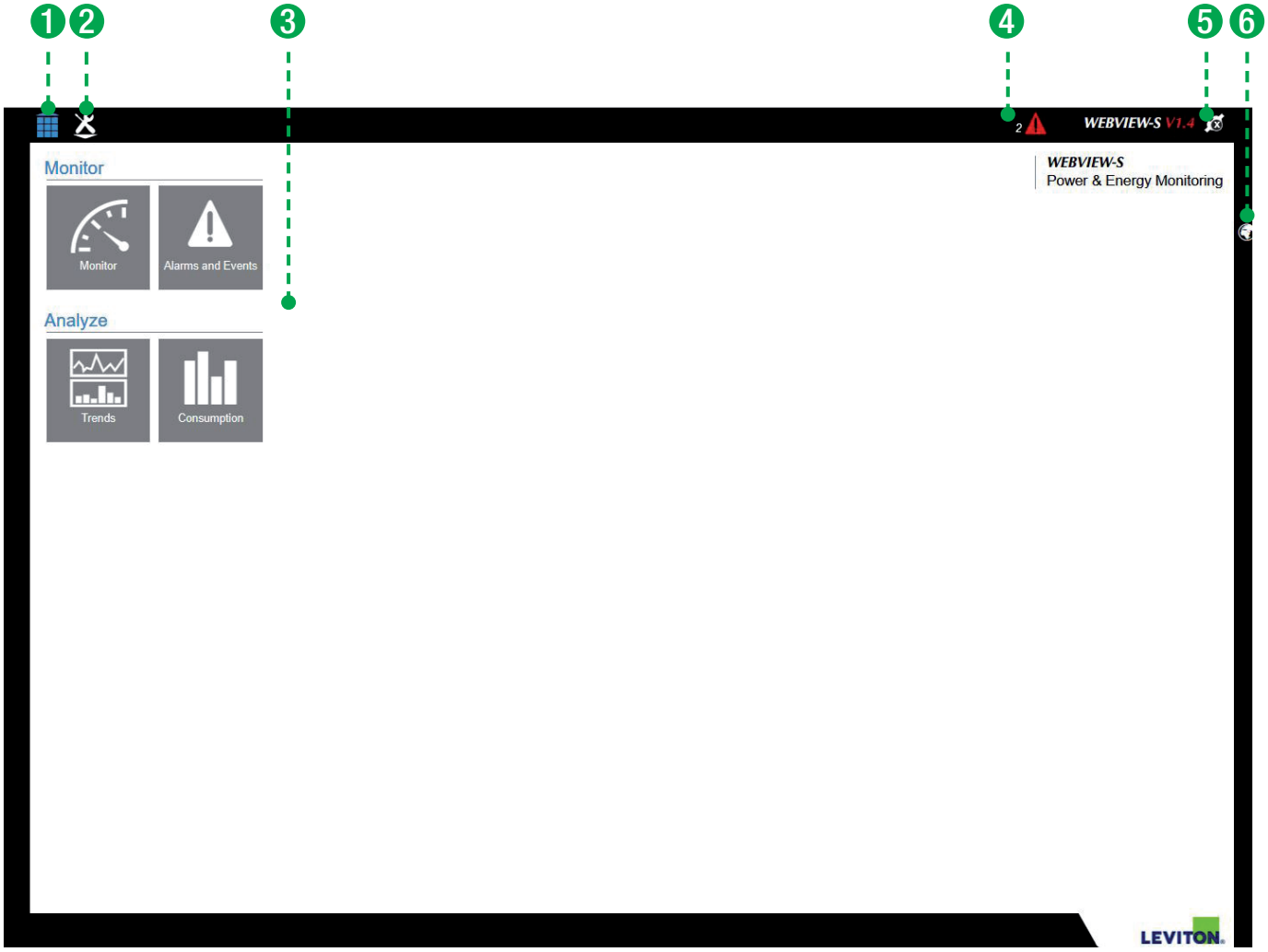


The following elements are displayed in the diagnostics window:

- About the software: version and created on-date
- Gateway: shows the (hardware) features of the gateway
- RS communication: indicators linked to RS wired communication (Modbus RS485 Communication)

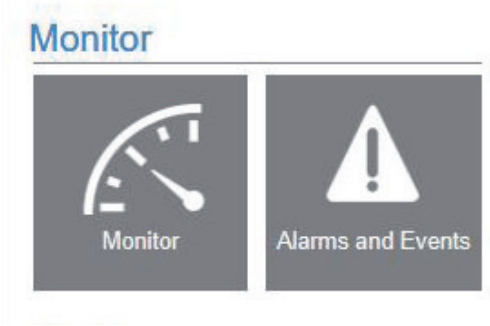
6. USING THE METER

When you access the Web server with the standard user profile, the home page appears automatically.
The home page of the WEBVIEW Power & Energy Monitoring Web server appears as follows:



On the home screen you have the following options:
1. Return to home page
2. Access WEBVIEW configuration options
3. Use the WEBVIEW standard functions:
Monitor: Monitors the real-time data measured by the devices.
Devices: Shows the measurement and analysis functions of the electricity network
Alarms: Shows the list of product alarms
Analyze: Analyzes the data stored in the DIRIS G-50 or G-60 gateway
Consumption: Shows the consumption data stored in the gateway
Trends: Shows the measurement trends stored in the gateway
4. Shortcut to the alarm data
5. Select user profile
6. Select the language

6.1. Monitor process



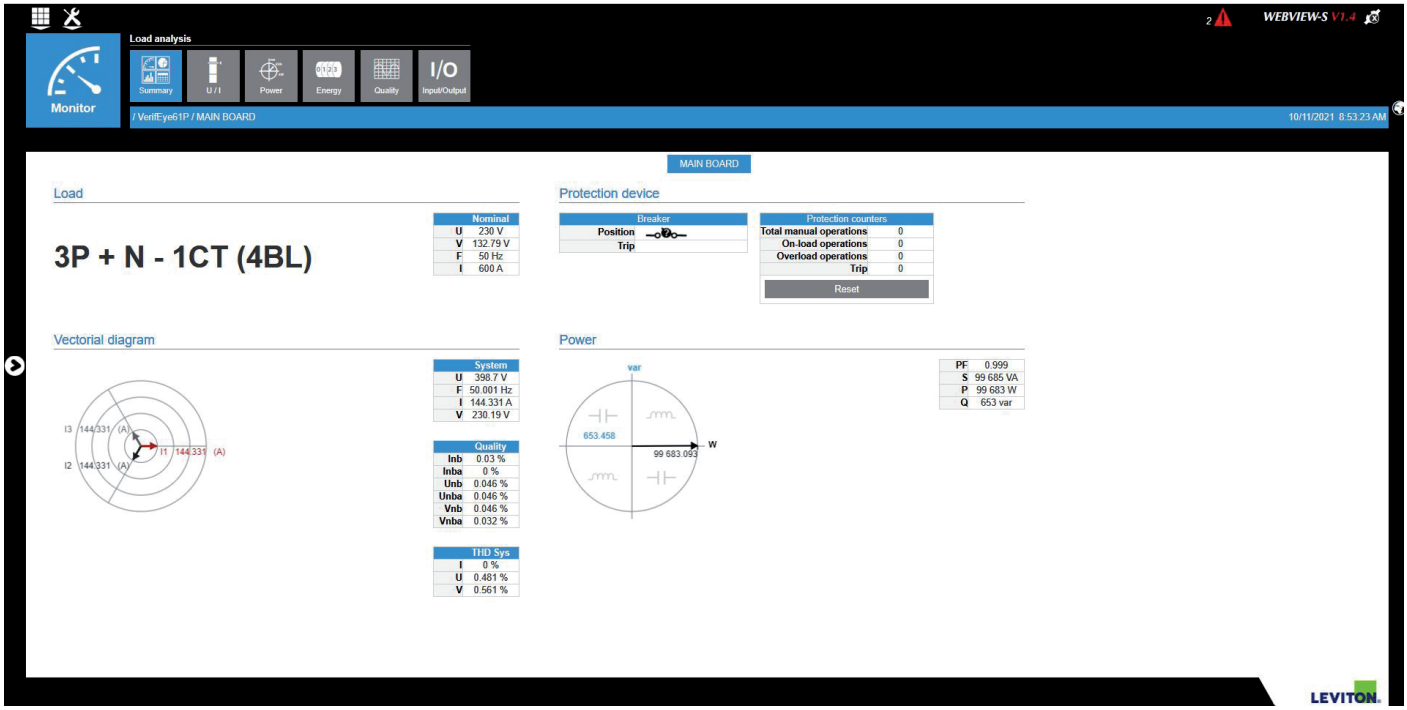
The Monitor process groups together the functions:

- Devices: shows the data measured by the devices in real-time (Quality, Power, Energy, Input/Output)
- Alarms: shows the alarm logs and current alarms.

Important: The data retrieved in WEBVIEW depends on your meter settings and the technical features of the devices. The screens adapt automatically according to the devices and their configuration.
Example 1: An alarm is not shown if it has not been configured beforehand with Easy Config.
Example 2: The Quality view is hidden if the device measuring the load does not have the THD function; the same applies to the Input/Output view which is hidden if the device does not have Inputs/Outputs.

6.1.1. Devices function

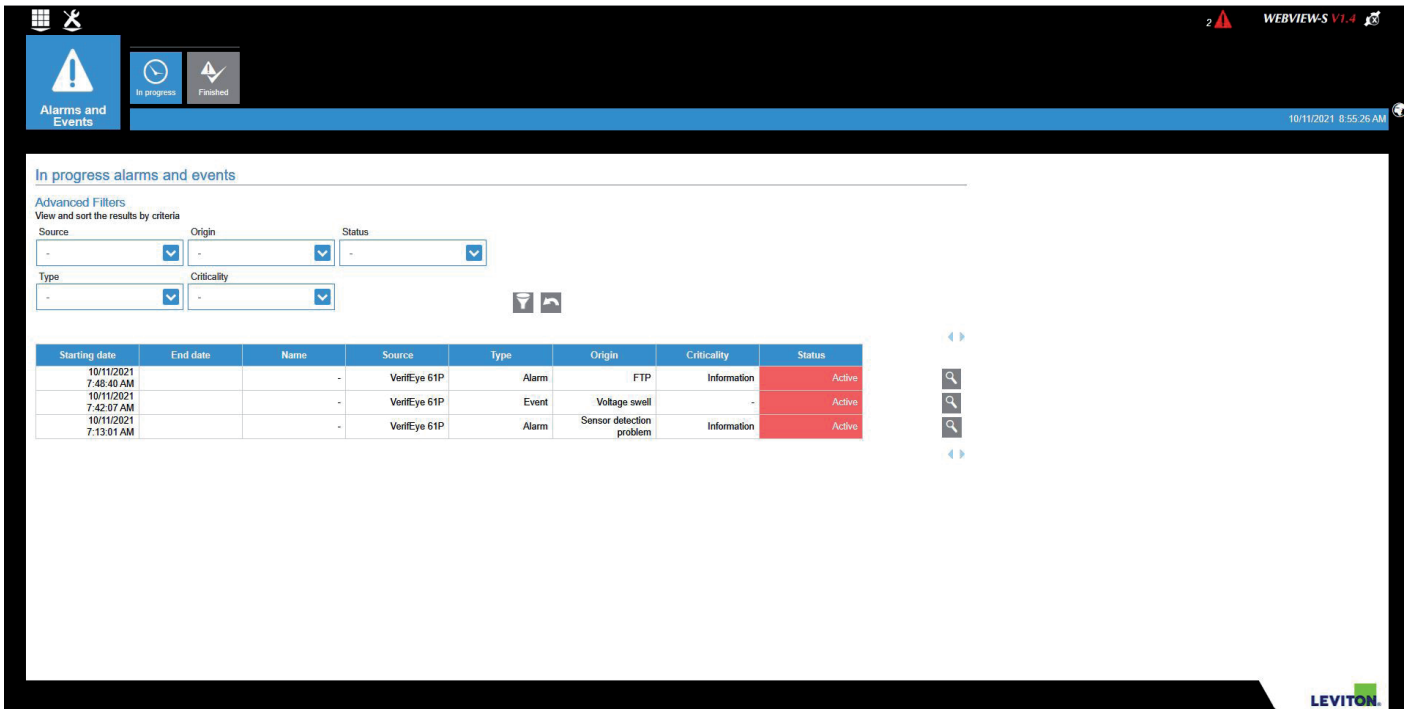
The data that can be viewed under Devices allow the analysis of the network (Summary / Quality) and the analysis of the load (Quality / U/I / Power / Energy / Input/Output / Summary)



6.1.2. Alarms function

The Alarms function allows the display of the current and concluded alarms reported by the devices (for example: exceeding a threshold, power surge, voltage dip, interruption, overload, communication error, …).

The «Magnifying glass» function gives the details of an alarm.



6.2. Analysis process

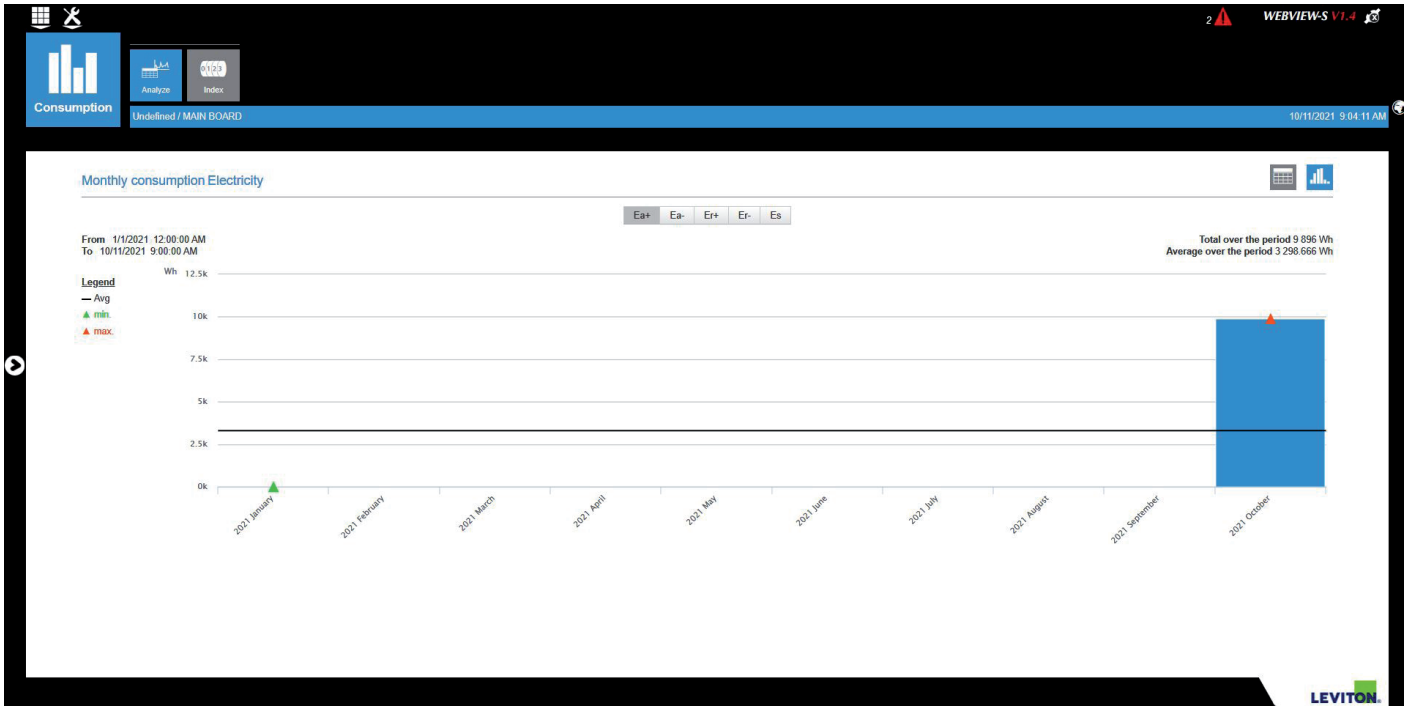
The Analyze process allows you to explore and analyse the logged data on the Verifeye meter.
It consists of these functions:

- Consumption
- Trends

Important: The data retrieved in WEBVIEW depends on your meter settings and the technical features and configuration of the devices.

6.2.1. Consumption function

The Consumption function allows you to show the energy flows consumed by the different loads in the time periods selected in the perimeter.



This function offers 2 preset views: by load or by end-use.

If no hierarchy has been created, there will be no distribution of consumption. The interface will then propose a simple view of the consumption and provide readings recorded by the devices.

Clicking on a consumption bar allows access to more detailed time data:
Month -> Week -> Day -> Hour

For example, clicking on the weekly bar allows access to daily consumptions.

This function is also available on the screens presenting the same type of representation
(for example: Display of harmonics in the Devices / Quality screen)

6.2.2. Trends function

The Trends function shows the different values collected by the devices and logged over the time periods selected in the perimeter.

The logged values were selected at the time of configuring the software with Easy Config system software.

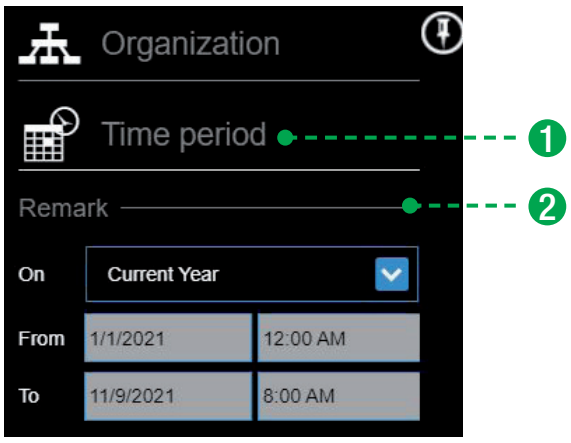
The part displayed corresponds to the highlighted zone shown on the time base.

This highlighted zone can be moved along the time base using the mouse.

An enlargement x1 / x2 / x4 of the highlighted zone is accessible by means of the icons at top right.

6.2.3. Time Period Menu

This menu appears only in the Analyze process.



This menu allows selection of the following elements:

1. Time period: one click on this zone allows you to show or hide the Time period menu
2. Time period/Remark: Drop-down list allowing selection of the time period. Possible selections: Current Year/Current Month/Current Week/Current Day/Customise from...to...

The time selections must be confirmed with the Validate button at the bottom of the perimeter.

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