

ELOG DATA LOGGER



**Collect, record
and export all
your energy data**



- Remote data retrieval from meters, sensors and PLCs
- Automation of data file export (csv, xml) to FTP servers
- Data formats compatible with your energy analysis tools
- ISO 50001, HQE, BREEAM, LEED

Measure up



SAVINGS

1 product, 4 functions

- Benefit from a complete solution: remote data retrieval, calculation, saving and export of formatted data files
- Save time on implementation thanks to ELOG's simple, clear configuration and import of setup files via the web pages
- Cut your development costs by integrating data files formatted for your analytical tools
- Analyze the data recorded by ELOG very simply with Excel (+ Excel macro supplied free of charge)

PERFORMANCE

Library of preconfigured Modbus drivers

- Collect and record the data from a set of heterogeneous, multi-manufacturer equipment
- Export data which you can process directly using ELOG's integrated calculation functions
- Use the integrated web pages to monitor the values and statuses of the variables measured by the equipment in real time
- Access the ELOG data and functions via the web services (http protocol)

PEACE OF MIND

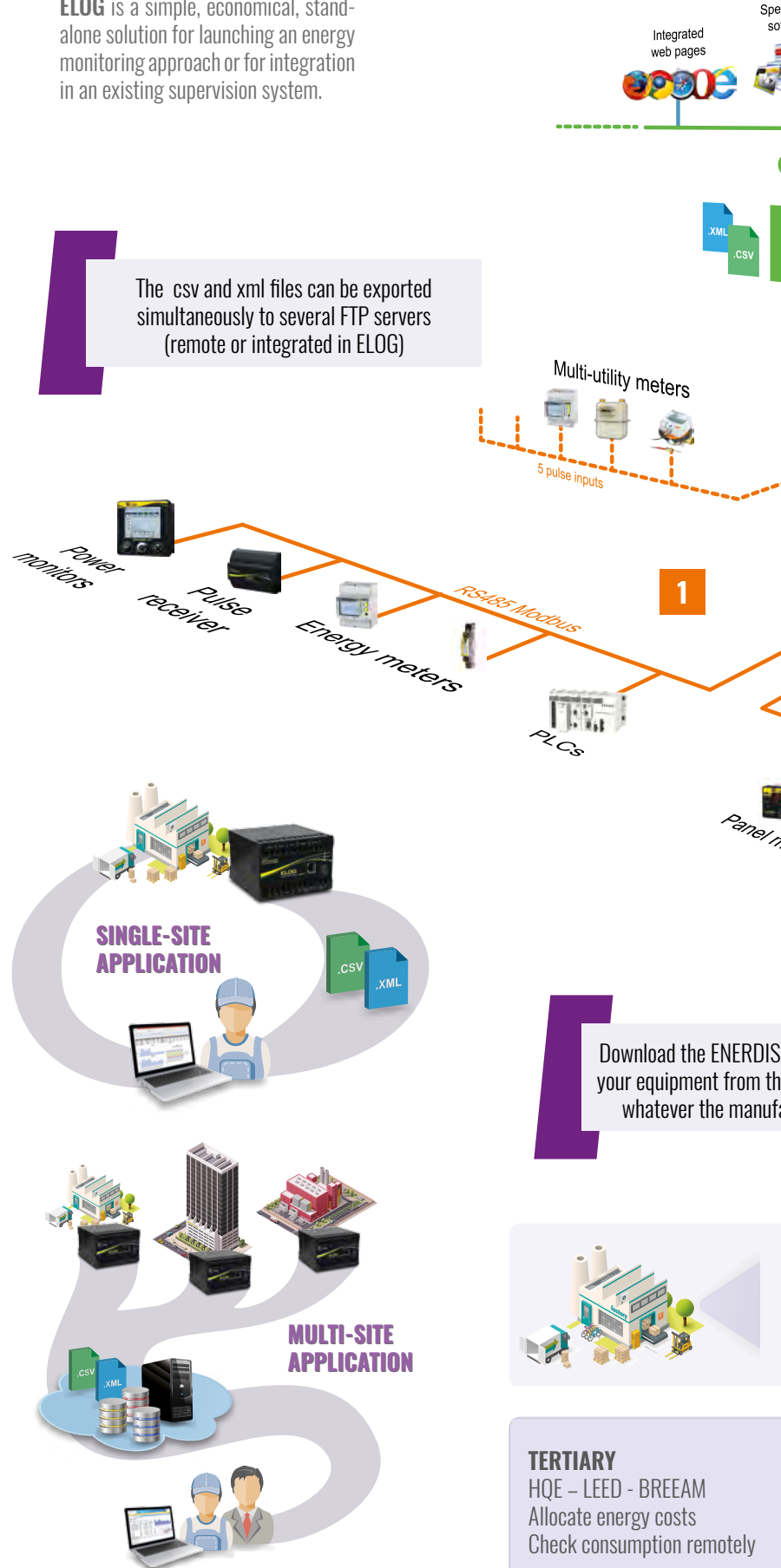
csv and xml file formats adapted to your applications

- Integrate the data recorded by ELOG quickly and easily in your analytical tools
- Control all the data export parameters: variables to be recorded, file formats, transmission periodicity, FTP server parameters, etc.
- Retain ownership of your data by keeping copies of the files exported by ELOG
- Access ELOG and its configuration via login/password (user and administrator profiles)

The foundations for an energy performance project

Whatever the status of your project, **ELOG** is a simple, economical, stand-alone solution for launching an energy monitoring approach or for integration in an existing supervision system.

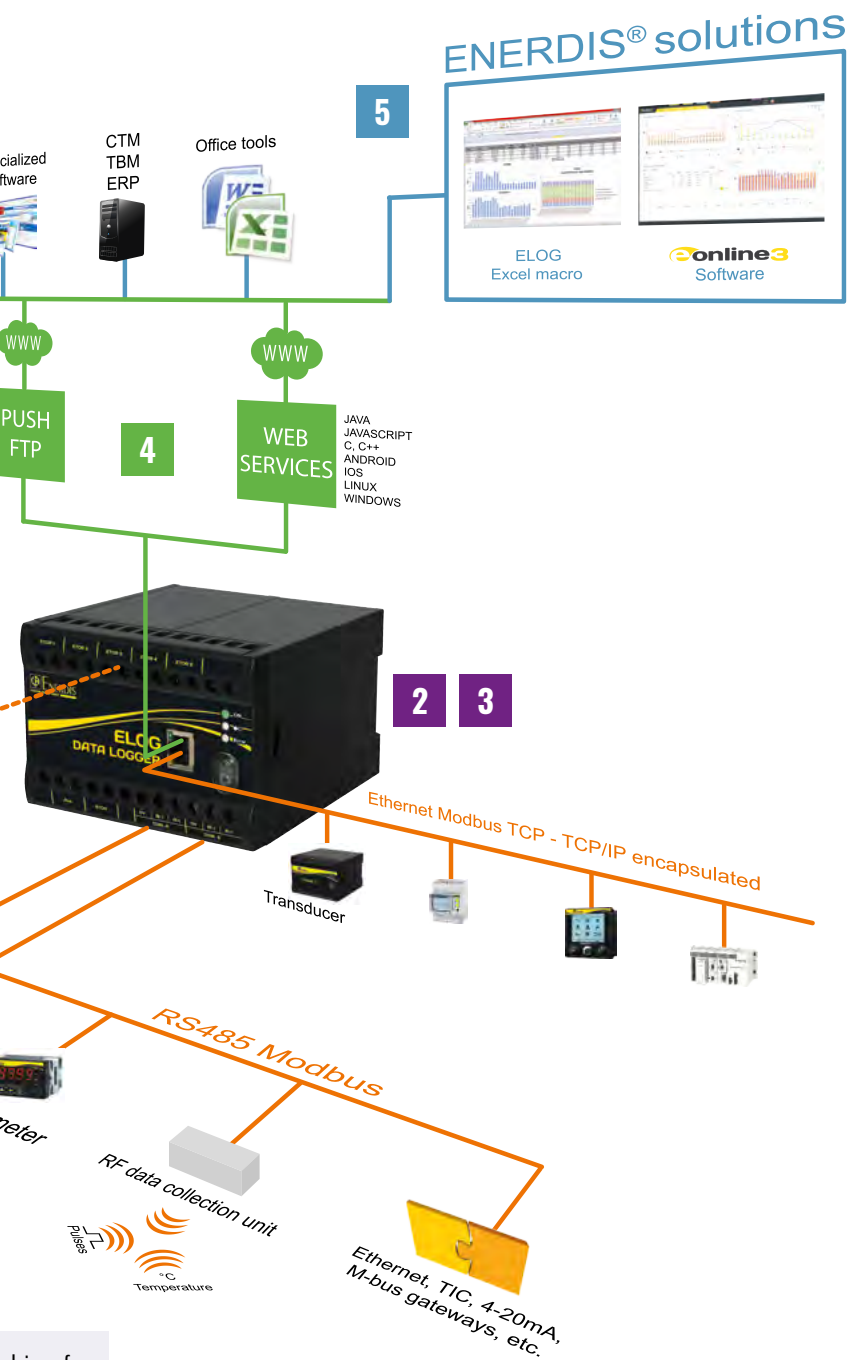
The csv and xml files can be exported simultaneously to several FTP servers (remote or integrated in ELOG)



Download the ENERDIS your equipment from the whatever the manu...

TERTIARY
HQE - LEED - BREEAM
Allocate energy costs
Check consumption remotely

DATA LOGGER



1

COLLECT

Several communication ports for remote data retrieval from the multi-function, multi-manufacturer equipment on an installation (meters, PLCs, power monitors, transducers)

Multi-utility



2

RECORD

Recording of up to 100 variables
Configurable recording periodicity (5 s to 60 min) for each variable
History of last 3 months

3

CALCULATE

Integrated calculation functions for the variables so that you can view and record data which can be processed directly ($ax+b$, x/y)

4

EXPORT

Data file export (csv, xml) is fully configurable (choice of variables, file formats, transmission periodicity, FTP servers)
Specific formats can be developed on request

5

ANALYZE

The csv and xml files and the web services offer a wide range of possibilities for integration and analysis of the data (standard or specific tools) including Excel, Word, specialized analysis software, Web pages, ERP, Big Data, TBM, CTM and E.online 3®

INDUSTRY

ISO 50001
Improve energy efficiency
Control consumption
Automate remote data retrieval from your energy meters



INFRASTRUCTURE

Data Centers, Airports, Railway Stations, Sea Ports, etc.
Monitor consumption
Check the sizing of the electrical installations
Cut energy spending



SOFTWARE PUBLISHERS & R&D

xml or csv files and web services for quick and easy integration in your applications
Feed data to your analytical tools automatically and periodically



ELOG DATA LOGGER Specifications

Auxiliary power supply	80 to 265 Vac - 10 VA - 42.5 to 69 Hz / 80 to 375 Vdc - 7 W
Power reserve	2.5 seconds (at 230 Vac)
Pulse / On-Off inputs	
Number	5
Admissible voltage	Logic level 1: 12 to 72 Vdc / Logic level 0: 0 to 5 Vdc
Pulse duration	Minimum 30 ms at logic level 1 and then 30 ms logic level 0
RS485A and RS485B ports	
Type	2-wire RS485 — Master mode - half-duplex — Modbus RTU mode 300 to 115,200 bauds — 2 independent, isolated RS485 links
Ethernet port	
Type / Speed	RJ45 - 8 contacts / 10 - 100 baseT
Operation	http in slave mode - Modbus TCP and TCP/IP-encapsulated Modbus in master mode
Protocols	http, smtp, ftp, JSON/REST, tftp, ntp, ssh
Data storage	
Recording periodicity	every: 5, 6, 10, 12, 15, 20, 30 or 60 seconds 1, 2, 3, 4, 5, 6, 10, 12, 15, 20, 30 or 60 minutes
History depth	3 months on data ≥ 1 minute and 3 days on data < 1 minute
Data storage mode	FIFO (First In First Out)
File export to FTP server	
File formats	csv, xml
Transmission periodicity	10, 15, 30 minutes or 1, 2, 3, 4, 6, 8, 12 hours/days/weeks/months
Number of programmable automatic tasks	PUSH FTP — 15 max. — Independent — Multiple FTP servers
Local FTP server	Capacity: 500 MB max. — FIFO data storage— For local file backup
Environment	
Temperature	Operation: -10 °C to +55 °C — Storage: -25 °C to +70 °C
Ingress protection	IP20
Mechanical specifications	
Weight	560 g
Mounting	Mounting on DIN rail
Connection	Screw terminal strip (6 mm ² single-strand wire - 4 mm ² multi-strand wire)
Dimensions	120.5 x 120 x 81 mm (W x L x H)
Electromagnetic constraints	
Compliance	IEC 61000-4-2/3/4/5/6/8/11 - CISPR22
Functional limits	
Number of Modbus drivers	100 max.
Number of variables per driver	40
Number of devices	100 max.
Number of variables with recording	Up to 100 (depending on architecture and communication network performance)

Wiring diagram



To order

ELOG DATA LOGGER	P01331233
Panel-mounting accessory	ACCT 1006

Related products

ULYS energy meters



ENERIUM power monitors



E.online 3 software



FRANCE
Enerdis
16, rue Georges Besse - Silic 44
92182 ANTONY Cedex
Tél : +33 1 75 60 10 30
Fax : +33 1 46 66 62 54
info@enerdis.fr
www.enerdis.fr

UNITED KINGDOM
Chauvin Arnoux Ltd
Nelson Ct, Flagship Sq, Shaw Cross Business Pk
Dewsbury, West Yorkshire - WF12 7TH
Tel: +44 1924 460 494
Fax: +44 1924 455 328
info@chauvin-arnoux.co.uk
www.chauvin-arnoux.com

MIDDLE EAST
Chauvin Arnoux Middle East
P.O. BOX 60-154
1241 2020 JAL EL DIB - LEBANON
Tel: +961 1 890 425
Fax: +961 1 890 424
camie@chauvin-arnoux.com
www.chauvin-arnoux.com

