



zenon
by COPA-DATA

zenon manual

zenon

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1 Welcome to COPA-DATA help

ZENON VIDEO-TUTORIALS

You can find practical examples for project configuration with zenon in our YouTube channel (https://www.copadata.com/tutorial_menu). The tutorials are grouped according to topics and give an initial insight into working with different zenon modules. All tutorials are available in English.

GENERAL HELP

If you cannot find any information you require in this help chapter or can think of anything that you would like added, please send an email to documentation@copadata.com.

PROJECT SUPPORT

You can receive support for any real project you may have from our Support Team, who you can contact via email at support@copadata.com.

LICENSES AND MODULES

If you find that you need other modules or licenses, our staff will be happy to help you. Email sales@copadata.com.

2 zenon

zenon turns the engineering and automated operation of production into child's play. zenon ensures reliable, flexible and efficiently-running equipment. The abilities of this comprehensive software platform can be used to connect all relevant areas, from project creation through to maintenance. The result is a notable increase in overall equipment effectiveness.

zenon provides one integrated environment that combines data recording, machine operation, and business intelligence. This helps businesses to maintain a competitive edge throughout the digital transformation.

With zenon you can:

- ▶ Create, distribute, edit, and execute automation projects
- ▶ Use integrated zenon Logic soft PLC
- ▶ Collect and evaluate equipment-spanning data from a plethora of sources



Attention

Links in the manual to zenon in general usually mean zenon Supervisor and zenon Operator.

zenon is available in the Energy Edition for use in energy and infrastructure companies.

The Energy Edition is specially designed for this usage and contains the necessary elements such as its own symbols, wizards, etc.

3 zenon Supervisor

The zenon Supervisor is a comprehensive tool for creating and executing automation projects. It consists of Editor and Runtime, permits the quick creation of automation networks - also via a web connection - and can be used on all current Windows operating systems.

For the employment on machine operation systems there is also a functionally limited version - zenon Operator (on page 5) - available.

4 zenon Operator

zenon Operator is a cost-effective product that is adapted to machine operation. The principle function conforms with that of the zenon Supervisor. However, compared to zenon Supervisor, zenon Operator is limited in terms of functionality.

zenon Operator consists of Editor and Runtime and can be used on PC operating systems.

5 zenon Logic

zenon Logic is the programming environment integrated into zenon in accordance with IEC 61131. It is available as Editor and Runtime (Soft-PLC) for zenon Supervisor (on page 5) and zenon Operator (on page 5).

6 zenon Analyzer

The zenon Analyzer offers via system-spanning analysis a management-near and controlling-near sight on all online and offline available data. The zenon Analyzer:

- ▶ condenses and accounts data from different sources in different formats
- ▶ compares them to one another
- ▶ display the results in graphical form as report

When using the zenon Analyzer, the production process is not interrupted. The zenon Analyzer can be implemented in an existing production system without the need to reconfigure the system. At data collection and report creation the production system continues to run smoothly. The existing infrastructure is embedded in the reporting of the zenon Analyzer independent of the manufacturers.

For accessing the evaluation all you need is a standard Microsoft browser. You do not have to install, adapt or maintain any additional software. You can embed evaluations without any additionally components or plug-ins in the intranet of a company. Default reports are already shipped with the zenon Analyzer. At any time you can create, save and distribute your own evaluations.

More information about the zenon Analyzer can be find in the extra documentation of the zenon Analyzer or can be obtained from your COPA-DATA sales partner: sales@copadata.com.