

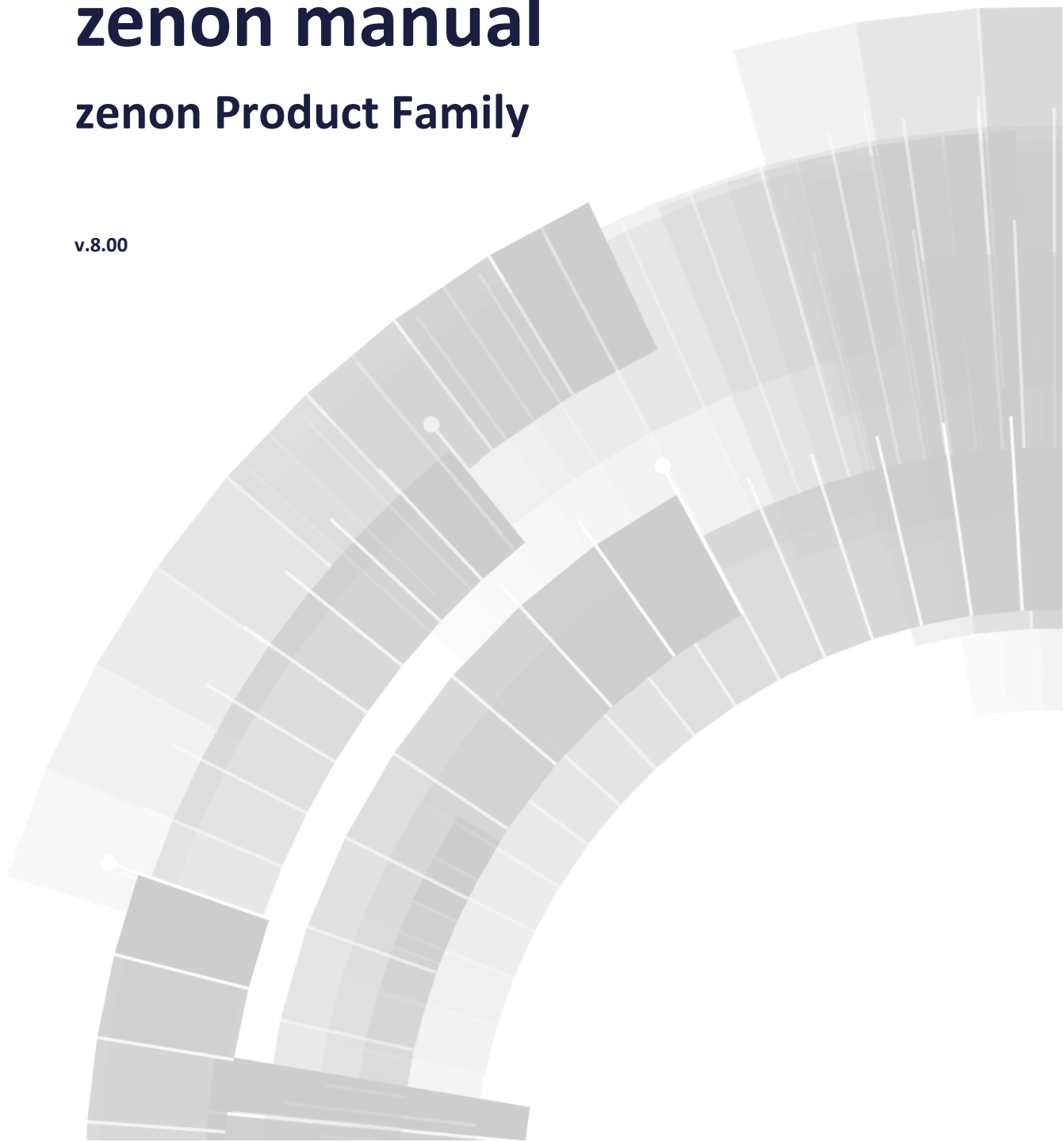


COPADATA
do it your way

zenon manual

zenon Product Family

v.8.00





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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. 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 product family

As automation software for HMI, SCADA and reporting, zenon provides a wide range of integrated functions for engineering and Runtime, in platform-independent form.

With zenon you can:

- ▶ Create, distribute, edit and execute automation projects
- ▶ use integrated Soft-SPS zenon Logic

- ▶ Collect and evaluate equipment-spanning data from a plethora of sources

**Attention**

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

zenon is also available in two special editions:

- ▶ Energy Edition: for energy and infrastructure companies
- ▶ Pharma Edition: for the pharmaceutical industry

These editions are optimized for the respective application and contain special elements such as 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

The zenon Operator is a cost-effective product which is adapted to machine operation. The principle function conforms with that of the zenon Supervisor. Compared to the zenon Supervisor the Operator is functionally limited.

The zenon Operator consists of Editor and Runtime and can be used on PC and CE 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. It summarizes tasks which were separated until now and it eliminates friction losses which emerge due to parallel set-ups, maintenance and the coordination of different IT systems. 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.