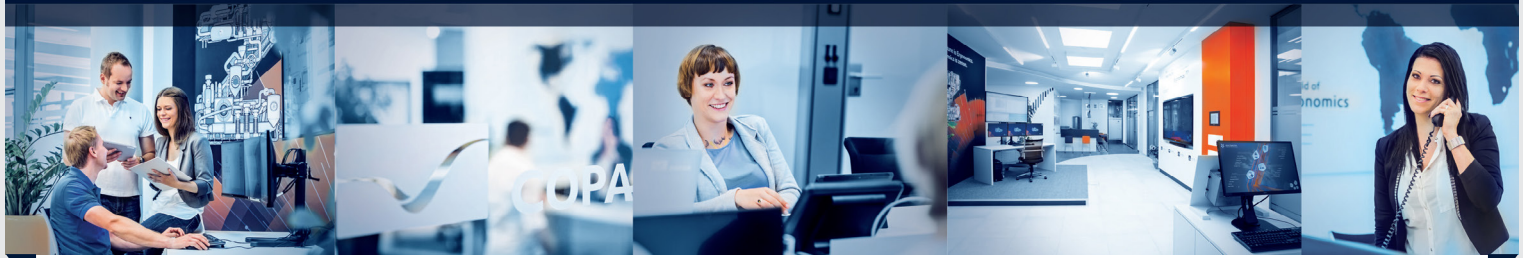# COPADATA
do it your way

COPA-DATA Company Profile

COPA-DATA is the technological leader for ergonomic and highly-dynamic process solutions. The company, founded in 1987, develops the software zenon for HMI/SCADA, Dynamic Production Reporting and integrated PLC systems at its headquarters in Austria.

zenon is sold through its own offices in Europe, North America and Asia, as well as partners and distributors throughout the world. Customers benefit from local contact persons and local support thanks to a decentralized corporate structure. As an independent company, COPA-DATA can act quickly and flexibly, continues to set new standards in functionality and ease of use and leads the market trends. Over 100,000 installed systems in more than 50 countries provide companies in the Food & Beverage, Energy & Infrastructure, Automotive and Pharmaceutical sectors with new scope for efficient automation.

1987 founded in Austria

over **100,000** installed systems in more than **50** countries

4 key industries

The World of Ergonomics

🔴 COPA-DATA Headquarters

🔴 COPA-DATA Subsidiaries

🟡 COPA-DATA Distributors

The zenon Product Family

zenon Analyzer:

Platform independent Dynamic Production Reporting Tool which processes and presents data from the process to the ERP.

zenon Supervisor:

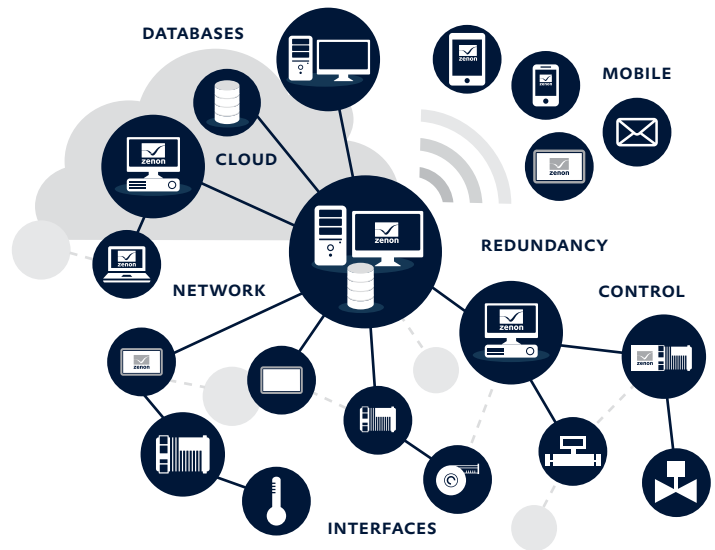Comprehensive visualization and control of complex equipment with excellent connectivity.

zenon Operator:

Specialist in easy and ergonomic machine and plant control.

zenon Logic:

Integrated PLC System with IEC 61131-3 programming environment.

ZENON OFFERS A COMPLETE AND INTEGRATED SOLUTION FROM SENSOR TO ERP.

Full reusability and complete consistency across the entire zenon Product Family.

Support & Training

SUPPORT

In zenon there's an extensive help included. Just press F1 while using the zenon Editor or choose "Help" from the Menu. For further support please visit www.copadata.com/support

Here you can also find a FAQ Knowledgebase and the COPA-DATA forum.

TRAINING

Use zenon optimally. COPA-DATA training offers essentials and tailored courses that address specific requirements, helping you become an expert.

Book your trainings at www.copadata.com/training

zenon
7.50

News from zenon product development

With the release of zenon version 7.50, numerous new features and improvements have again been integrated, in order to design industrial automation much more ergonomically. It is most of all project configuration that becomes easier and quicker, due to styles for example. However the Runtime user also benefits from innovations such as the command sequences or the new Notifier app.

Fast Facts

▸ Quick and consistent project configuration with styles

▸ Alarm management with the Notifier App

▸ More simple use of Batch recipes throughout projects

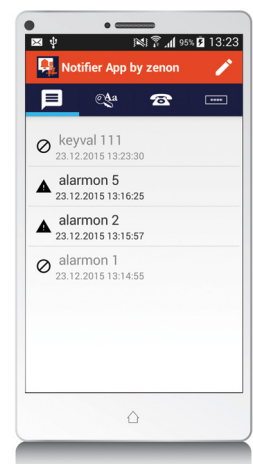▸ Intuitive creation of command sequences in energy projects

New functions for zenon Message Control

NOTIFIER APP

The Notifier App is an addition to the Message Control module in zenon. The app detects alarms that were sent by Message Control as an SMS. It offers a graphic interface for simple acknowledgment of alarms on a smartphone. Regardless of where you are, you can thus react quickly to alarms.

VOICE OVER IP

With the integration of voice over IP in Message Control, the module gets a new technology to transfer messages.
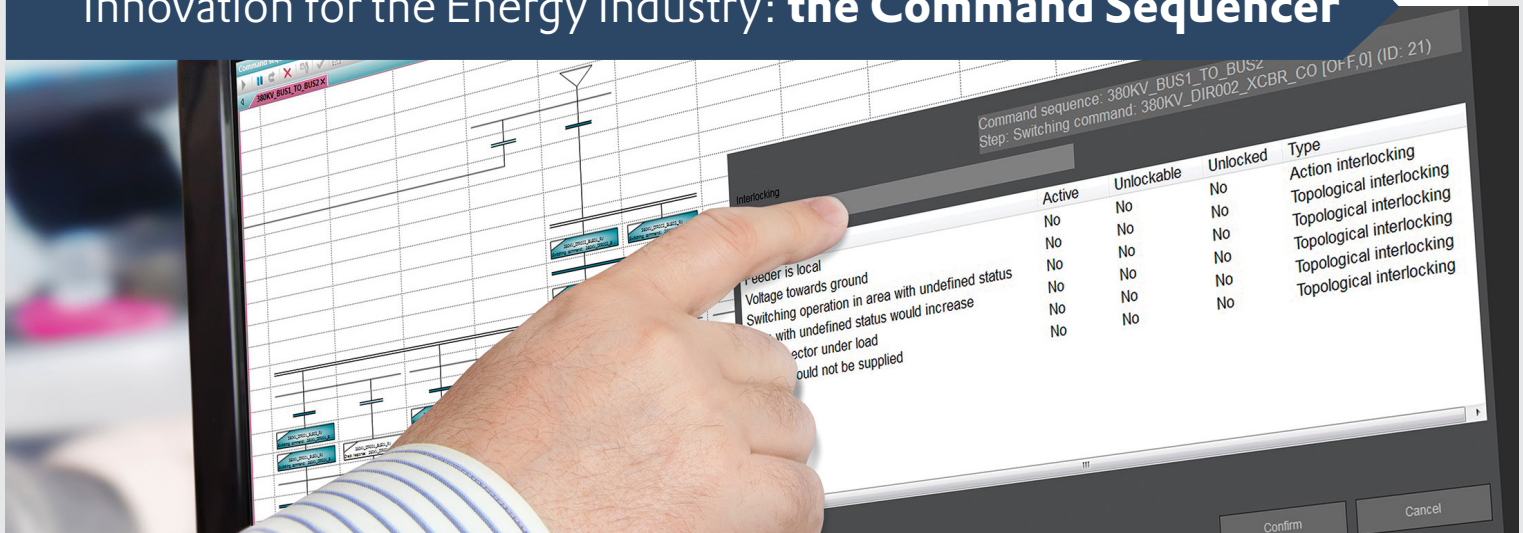
Styles in the zenon Editor

Ergonomic and quick project configuration is carried out by the reuse and central maintenance of element design. Styles in zenon combine graphic properties of screen elements. This means that graphic parameters of elements such as line widths, size, color, etc. are pre-defined for the required elements in a project. The styles are managed centrally in a global project. These saved styles can then be easily transferred to all other elements. This ensures that the design remains consistent in a project (or throughout projects too). If there is a change to the elements, the amendments are carried out in the global project; the linked elements change automatically too.

Innovation for the Energy Industry: **the Command Sequencer**
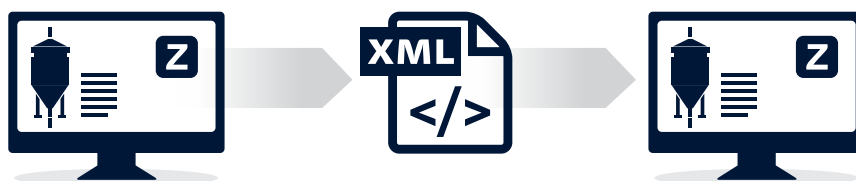

The Command Sequencer simplifies project configuration and setting command sequences massively. The operator can, intuitively and without programming knowledge, compile sequences of commands, test these and apply them. The same also applies for changes in the command sequences. Project configuration is carried out in a graphic editor in Runtime, either by means of selection and compilation of the individual steps, or by means of teaching. With teaching, the system learns the command sequences in which it is possible to carry out the switching actions in the single-line diagram directly and the command sequence editor records the switching actions independently.

All operations are subject to zenon user management. It clearly defines who can create, operate or change the command sequences, what type they are and how.

XML export and import of recipes in Batch Control

Batch recipes can now be simply exported as an XML file and read back into another project again by means of an XML import. Furthermore, recipes can also be read into zenon from other tools that create XML files.

These innovations are also waiting for you

Ergonomics and usability	▸ Hidden entry of text in the "Dynamic text" element ▸ Optical highlighting of frames has been enhanced ▸ New Scheduler interface ▸ Dynamic text elements as screen elements for more flexibility in project configuration ▸ And much more
Performance	Significant performance improvements for: ▸ Large multi-user projects ▸ Display of variable lists ▸ Optimization of the display of DirectX screens
HTML Web Engine	▸ Further possibility of using zenon on mobile end devices ▸ Dashboards and overviews with HTML 5 web client ▸ Enhancements of the HTML web engine in terms of functionality and security
Protocols and driver enhancements	▸ Certification for IEC 61850 Ed. 2 ▸ PRP (Parallel Redundancy Protocol) in accordance with IEC 62439-3 ▸ Native communication to S7 TIA systems ▸ Enhancements to, for example, IEC 60870, Codesys V3, DNP3, BACnetNG, KUKA 32 ▸ New drivers for IEC 61850-90-5, KDNP1, Masterbus
Security	▸ State-of-the-art security precautions ▸ High security requirements must be met for certification for Windows 10, which zenon has obtained
zenon Logic	Incorporation of zenon Logic 9

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