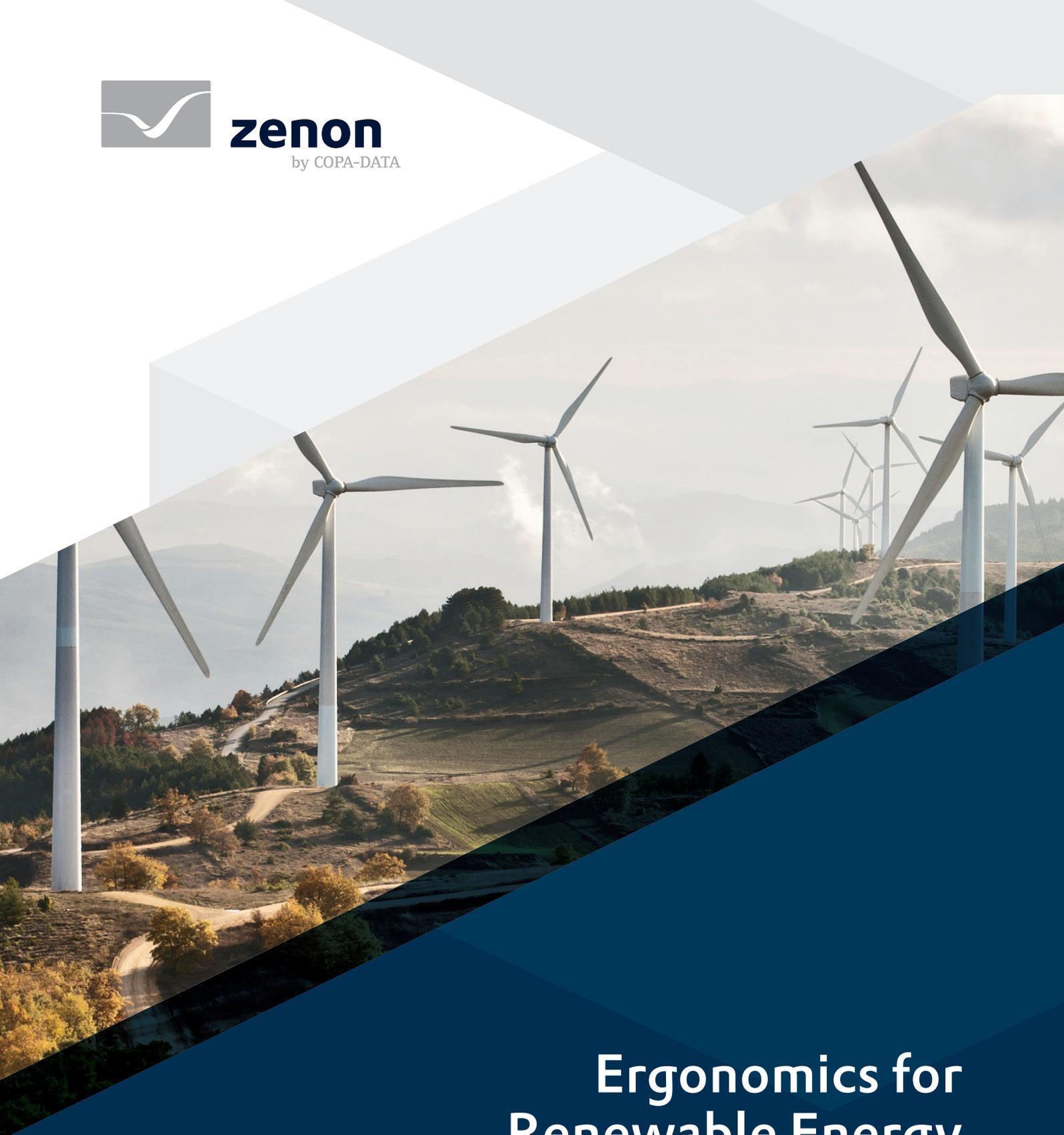




zenon
by COPA-DATA



Ergonomics for Renewable Energy

*zenon is used for control and optimization in
equipment for renewable energy. Link several items
of equipment to an overall application.*



zenon Energy Edition – a Clear Solution for Clean Energy

zenon is for the monitoring, control and optimization of equipment for the generation of renewable energy. You can, for example, control complete wind parks and combine several items of distributed equipment into one system. That simplifies operation, reduces costs and increases productivity.

Equipment for the generation of renewable energy, with its particular operation and performance characteristics, create high demands for monitoring, control and analysis. From the configuration of the application, through the visualization and control, to the reporting: zenon has numerous functions to increase efficiency.

A SOLUTION FOR EVERYTHING

Whether it is connection to a wind park, solar-power equipment or small hydro-electric power plants to the public grid by means of substations, zenon offers the necessary

features for both areas: both for the management of equipment, electricity generation from renewable energy and for the electricity distribution in a substation environment – all in one application. The numerous communication interfaces (including IEC 61850/IEC 61400-25, DNP3) and the reliable mechanisms for command processing make a second system superfluous.

VERSATILE AND SCALABLE

The standard SCADA functionality of zenon leaves nothing to be desired. The clear graphical display of the complete



network ensures an overview; the detail views show individual components and information. Special functions in the field of alarm management create maximum security. You can link several items of equipment into one complete system. zenon also supports combining over large distances by means of remote protocols (including IEC 60870) and native integration into cloud infrastructures (such as Microsoft Azure). You can thus create a consistent, scalable and cost-efficient system, even for widely distributed networks over large geographical areas.

REPORTS FOR ALL CASES

Reporting is another strength of zenon. For example, you can create informative reports at the press of a button for the clear display of energy gains and losses. The comprehensive set of report templates contains templates especially for the operators of wind parks or hydro-electric power stations. Specific reports can thus be create quickly and easily.

ZENON OFFERS MORE

Further functions are comprehensive visualization possibilities, simple and quicker access to alarms, events, trends and reports – regardless of time and location – as well as legally-compliant archiving.



OUR SOLUTIONS FOR THE ENERGY INDUSTRY:



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