IEC 61850 with zenon

Smooth communication in line with the IEC 61850 standard and seamless interoperability

zenon

IEC 61850
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EFFICIENT ENGINEERING

zenon is designed to make your engineering as quick and efficient as possible. This saves you time and helps you design projects that meet the highest standards in reliability security and usability.

▸ Simple engineering of the command control, as the system reads the control model and is able to manage a command process, even fully automatically.

▸ The communication engineering is completely integrated in the SCADA development environment (zenon Editor). Import mechanisms possible online or offline.

▸ During establishing the connection (association), the driver reads the data model and thus prevents mismatches. The driver automatically selects the best matching reports. If a report does not exist the driver automatically starts polling the referred data.

▸ The driver supports automatic reconnect and an alternative IP-address.

FAST FACTS

▸ KEMA Certified IEC 61850 Client Driver

▸ Effiencent engineering saving your time

▸ COPA-DATA is your experienced partner with over 10,000 installations in the Energy Industry

HIGH QUALITY SOFTWARE

In our headquarters in Salzburg, Austria, expert developers and quality assurance professionals ensure product development and quality assurance meet the highest standards in reliability and security. This is also true for all of our drivers and supported protocols. Certificates like the KEMA certificate for the COPA-DATA IEC 61850 driver prove our quality standards.
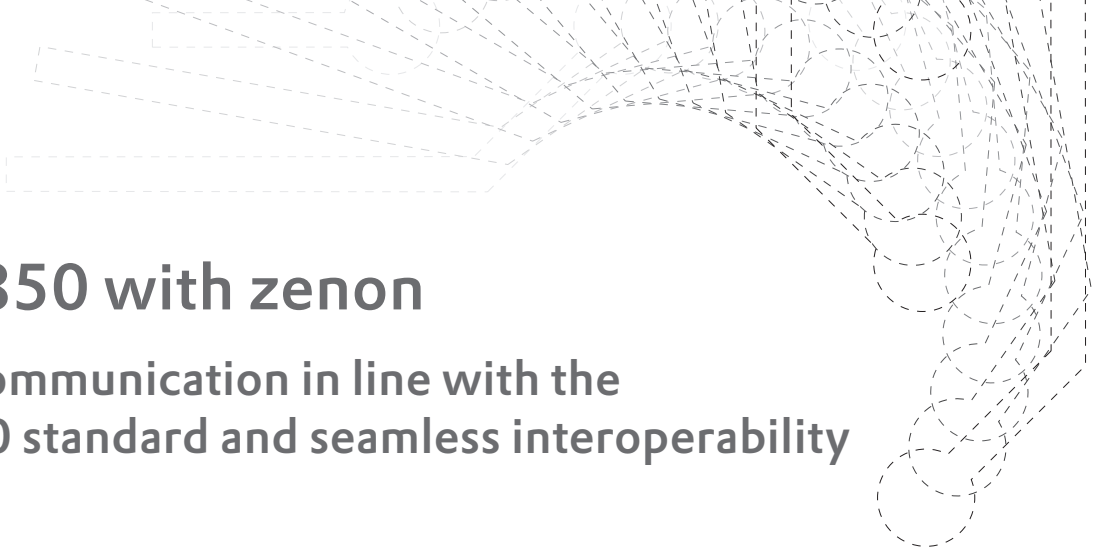
Compared to other systems, the IEC 61850 Client is natively integrated in the zenon SCADA system. This is possible because the COPA-DATA development team has developed the eintire stack without using third party source code.

With our extensive experience in driver development, any additional desired functionality can be quickly developed and integrated into zenon to meet your specific requirements.

SUPPORT AND CONSULTING

Local support and consulting and the back-up of a global network of experts in the Energy Industry ensures you'll always have a superior experience in serving your customers. With over 10,000 installations, zenon is firmly established in the Energy Industry.

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KEMA
CERTIFIED

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Facts & Features	
	▸ Driver acts as communication Client
	▸ KEMA certified
	▸ "Direct operate" and "select before operate", with and without enhanced security, integrated in command control
	▸ RTU time stamping and RTU quality used in entire system
	▸ Online browsing for process variables from engineering environment
	▸ Offline browsing (SCL files)
	▸ Dynamic datasets
	▸ ACSE authentication (IEC 62351-4)
	▸ File transfer support
	▸ Definable originator category (orCat)
	▸ Individual trigger options for reports (for devices requiring that from client)
	▸ Use your own variable names!