

Press release

Powerful analysis with DANEO Control 4.00

Measurement, recording and analysis of all signals in PAC systems

DANEO Control is the PC software for operating DANEO 400, the measurement and analysis system for power utility automation systems. The new version 4.00 of DANEO Control impresses with its new major features and enhancements. Now users can observe instantaneous values live to quickly analyze and verify the wave form, and easily inspect phasors in a phasor diagram and identify predominant harmonics in a spectrum at first sight. Calculations can be created by combining signals with an operator (+, -, ×, ÷, %) and used for recording, triggering, observation and analyzing. Furthermore, quality attributes in IEC 61850 GOOSE and Sampled Values can be observed and supervised. This information can be used to trigger recordings on quality changes and get notified via email.

DANEO 400 covers a wide range of tasks in different applications, such as fault recording (classical and hybrid), verification of IEC 61850 communication, supervision of network traffic, and the assessment of network performance.

The user can keep track of what is going on in the substation by obtaining information on the operational status and communication. DANEO 400 records and analyzes all conventional signals (voltages, currents, hardwired binary status signals) and messages exchanged on the communication network in modern protection and automation systems with IEC 61850. It processes both digital and analog signals and provides information to assess their proper co-ordination.

Using the innovative DANEO Control software, one or more DANEO 400 units can be easily configured and controlled. For controlling a single device, a selected feature set is also available via the built-in DANEO 400 web interface. The control can be safely performed over the substation communication network without impairing the function of the substation automation system (SAS).

Images



DANE0 400: Measurement, recording and analysis of all signals in PAC systems



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Company profile

OMICRON is an international company serving the electrical power industry with innovative testing and diagnostic solutions. The application of OMICRON products allows users to assess the condition of the primary and secondary equipment on their systems with complete confidence. Services offered in the area of consulting, commissioning, testing, diagnosis and training make the product range complete.

Customers in more than 140 countries rely on the company's ability to supply leading edge technology of excellent quality. Service centers on all continents provide a broad base of knowledge and extraordinary customer support. All of this together with our strong network of sales partners is what has made our company a market leader in the electrical power industry.

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