

For Use Around the Globe: WAGO Telecontrollers Speak DNP3

Technology tuned for communication: WAGO's Telecontrollers now communicate in DNP3, as well as support IEC telecontrol protocols.

The WAGO-I/O-SYSTEM 750

Telecontrollers now communicate in Distributed Network Protocol (DNP3). This telecontrol protocol, which is used for data exchange between I&C systems and distributed outstations, is established worldwide with primary usage in the USA, Asia and parts of Europe. Employing communication via DNP3, WAGO has now readied its telecontrollers for worldwide

telecontrol applications, such as monitoring distribution grids or wide-ranging production locations. The IEC 60870-5-101, -103 and -104 telecontrol protocols supported up to now have been primarily used in Germany, with the IEC 61850 and IEC 61400-25 being applied in transformer substations and wind turbine farms.

"The fact that our telecontrollers can now communicate both in IEC and in DNP3 is not only significant for us, but also means a number of benefits for our customers who export. Producers of wind turbine farms, for example, or transformers now have a universal telecontrol solution that is no longer restricted to specific regions," explains Martin Paulick, *AUTOMATION* Product Manager at WAGO. WAGO's Telecontrollers are used as DNP3 outstations to set up a reliable link to the power provider's SCADA system. DNP3 conformity is for Level 2 and communication is either serial or via ETHERNET (TCP and UDP).

Using DNP3 is especially easy, thanks to a dedicated configurator integrated into the WAGO-I/O-PRO development environment. WAGO Telecontrollers include the following models: 750-872, 750-880/025-001 and -002, 750-880/040-001, 750-8202/025-001 and -002, as well as 750-8206/025-001.

