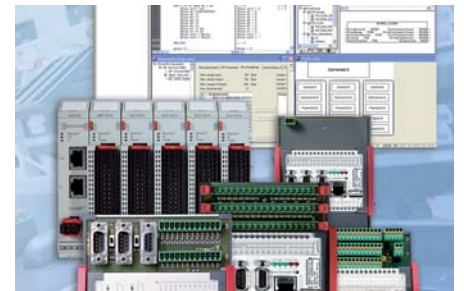
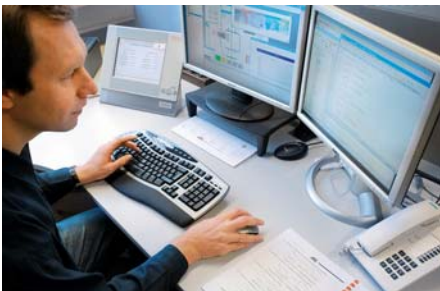


Berghof

CANtrol®
Your Automation Solution

**A lot of PLC in a small space:
CANtrol controllers**

- CoDeSys programming
- CoDeSys target and web visualisation
- Profinet
CAN / CANopen
- Ethernet / USB
- Up to 48 digital inputs / outputs on board



New++ PROFINET ++ New++ PROFINET ++ New++ PROFINET ++ New++ PROFINET

BERGHOF


*realizing
your
ideas.*

The right PLC controller for each function

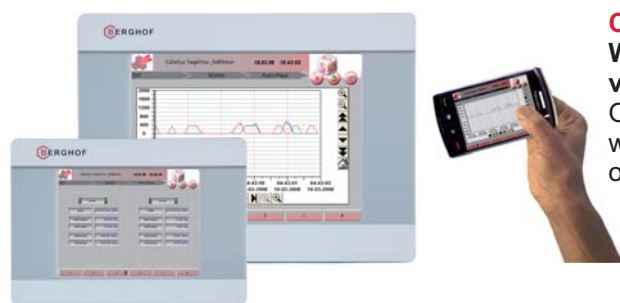
The PLC controllers which can be programmed with CoDeSys are available with specific performance characteristics, such as computing, memory, interfaces, I/O etc. They can be extended directly by means of I/O modules.

In addition to the control function they can also assume gateway functions between Ethernet, CANbus and serial interface.

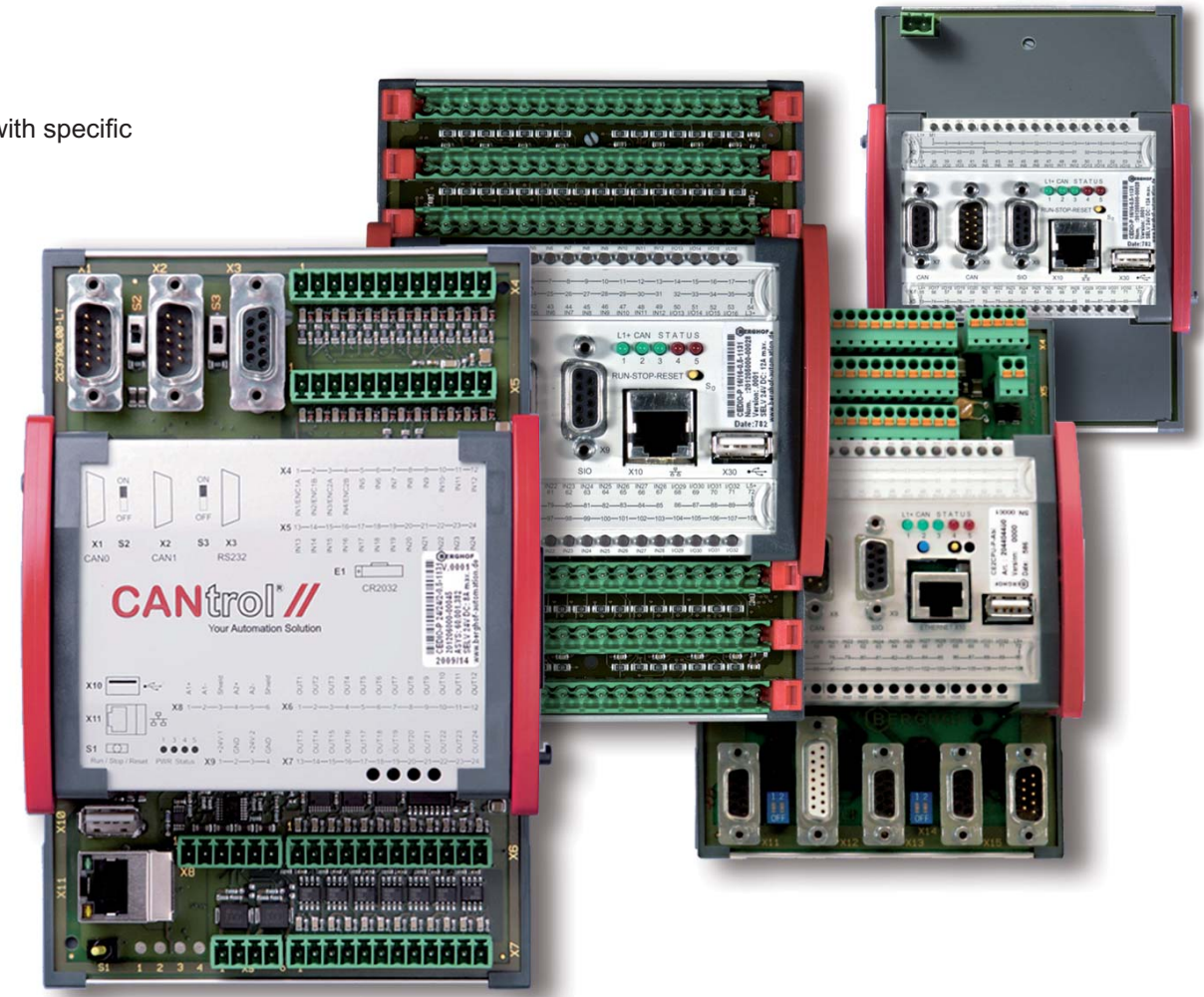
Central software: display over IP



All the visualisation masks are part of the PLC program; the Ethernet terminals access only the visualisation and therefore manage without a second tool or indeed lists of variables. Everything runs on the common CoDeSys platform. All the visualisation data of the CoDeSys target visualisation are transmitted by the CoDeSys controller via Ethernet.




CoDeSys Web visualisation
Office PC, web terminal or smartphone



Programming, configuration, remote maintenance

Development level




TCP/IP

CoDeSys programming

The central unit for the PLC program, visualisation and the entire communication is CoDeSys.

One tool for all functions.

Delivering up-to-date data to the management level



CANtrol supports data transfer to the control room using file transfer via FTP, SQL database access or via e-mail.

TCP/IP

Connection to the higher order control level



Putting data exchange into operation quickly by means of the plant controller.

PROFINET is the right system for this.

Ethernet TCP/IP

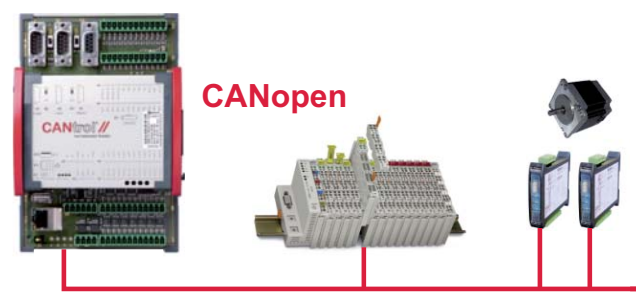
Virtual Networking Computing VNC



E-Bus

The affordable I/O connection


Simply connect digital and analog I/O directly to the controller.



CANopen

The complete assortment of CANopen products

Connect CANopen modules, such as I/Os and drive controllers fast and conveniently. Both CAN interfaces have the CANopen Master function and are supported by motion libraries.



Serial

RS232, RS485, ModbusRTU

Whether point-to-point or as a bus: CANtrol possesses the right interfaces for connecting affordable peripheral devices.



Jürgen Wanner
Product manager PLC controllers

“Berghof is known for open systems. The customer himself can make individual adaptations.

Support with the realisation of your applications or with the integration of devices from other manufacturers is also important to us. In this respect we have many options at Berghof”.

Compact I/O PLC controllers CEDIO-P 24/24/2

- 1 x Ethernet
- 2 x CAN
- 1 x RS232
- 1 x USB
- 24/24 digital Inputs / Outputs
- 2 analog outputs



Standard PLC controller CEDIO-P 16/16

- 1 x Ethernet
- 2 x CAN
- 1 x RS232
- 1 x USB
- 16/16 digital Inputs / Outputs (outputs can also be used as inputs)



PLC controller interfaces CE2CPU-P

- 1 x Ethernet
- 2 x CAN
- 3 x RS232
- 1 x RS485
- 1 x USB
- 4 fast outputs
- 4 encoder interfaces
- 8/8 digital Inputs / Outputs



Gateway PLC controllers CE3CPU-P

- 1 x Ethernet
- 1 x CAN
- 1 x RS232



Detailed informationen at www.berghof.com



Berghof
Automationstechnik GmbH
Harretstrasse 1 • 72800 Eningen • Germany
Tel.: +49 7121 894-0 • Fax: +49 7121 894-100
controls@berghof.com • www.berghof.com

Branch Office Mühlhausen/Thuringia
Thüringer Straße 62 • 99974 Mühlhausen • Germany
Tel.: +49 3601 4777-0 • Fax: +49 3601 4777-10