

XCX

**The Controller of
the Future –
Ultrafast,
Enormously Powerful,
Unbelievably Versatile**



XCx

THE CONTROL

...puts speed in your machine

1 millisecond PLC signal time from input to output on plant-floor I/Os, 1 millisecond CNC interpolation cycle

...interpolates

more than 6 CNC axes in various NC programs at the same time

...synchronizes

interpolated movements with switching processes, e.g. position-dependent valve switching or position detection with interrupt input

...coordinates

path motions with technology parameters, e.g. welding current according to path feedrate

...processes

not only circular and helical contours, but also freeform contours

...transforms

any machine kinematic into Cartesian coordinates

...controls NC servo drives

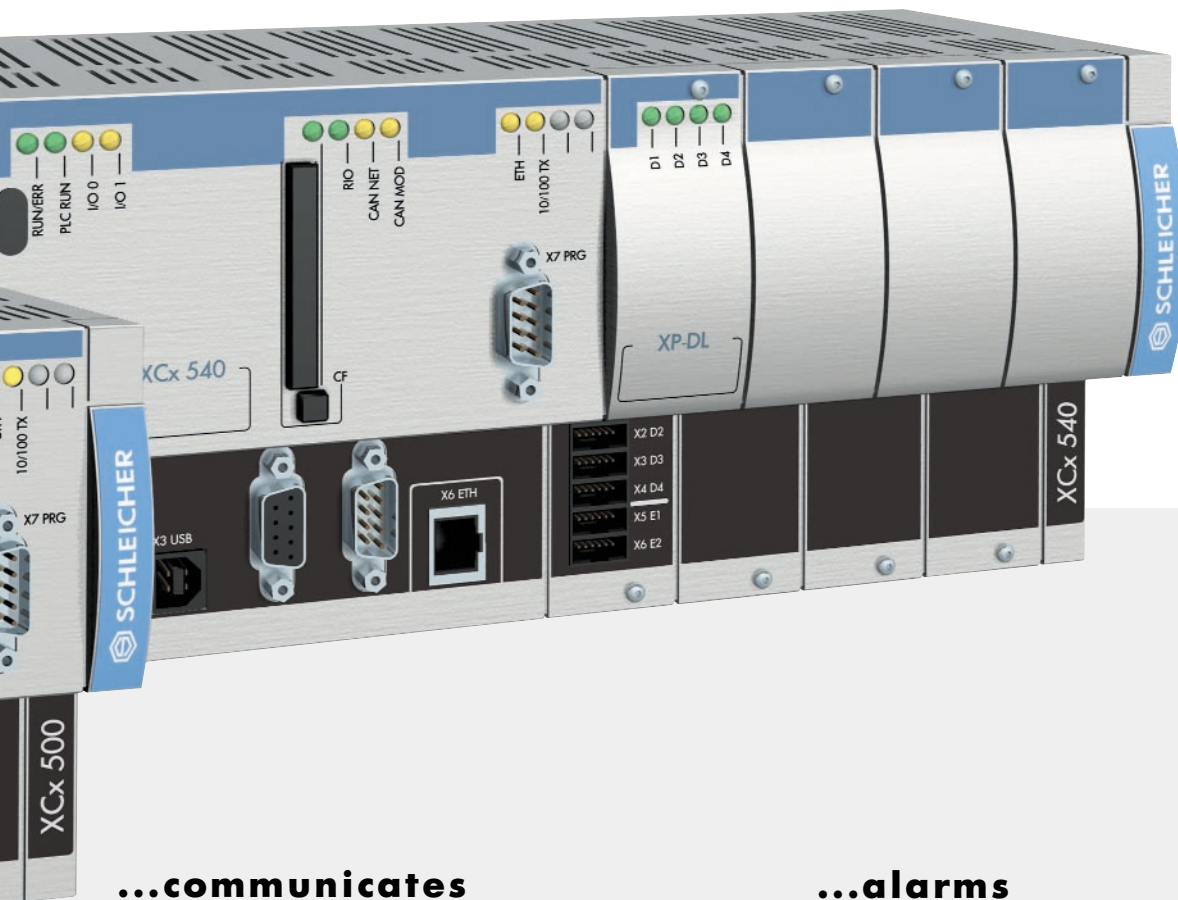
via CANopen, optionally via Sercos, Profibus-MC, Drivelink from Control Techniques and Mechatrolink from Yaskawa

...connects the sensor/ actuator level

through fast serial-connected I/Os and via CANopen, Profibus-DP and DeviceNet



OLLER OF THE FUTURE



...communicates

via Ethernet and TCP/IP in any factory network,
via Profibus-DP and CAN in any system

...visualizes @ Web

in HTML and Java on any standard browser through
its own web server and via OPC server for standards
like Intellution, Wonderware and others via CANopen,
Profibus-DP and DeviceNet

...alarms

by text message to mobile or by e-mail with
detailed messages such as "No coolant"

...diagnoses

reliably and remotely via infrared interface
on mobile phone, palmtop or laptop

...records

via serial interface directly to a connected printer

