

The zenon philosophy [2/4]

Consistency and independence

zenon is compatible and open – for virtually any hardware and many applications – and integrates into your infrastructure easily. Operate across your entire network and work seamlessly from the terminals through to control level. zenon gives you complete independence when choosing your components. You save time, costs and manpower.



CONSISTENCY

The consistency of zenon has set new standards in the SCADA world.

- ▶ Platform-independent from Windows CE through Windows Embedded, Windows 7 and Windows Server 2008 R2 to web.
- ▶ Consistent from PC to CE panels; both can be used as a client as well as a server.
- ▶ Projects can run on both PC as well as CE panels.
- ▶ Vertical integration from field level through to overlaid ERP system.
- ▶ Resolution-independent project configuration – a project for all systems, from multiple monitor systems through to mobiles.

DRIVERS AND CONNECTIONS

zenon provides over 300 communication protocols. You have the freedom to decide on the hardware with which you want to work. New machines or modules can be included quickly and easily. In zenon, there are integrated standard interfaces available (such as OPC DA, OPC UA, SQL ODBC, SNMP, Modbus RTU, Open Modbus TCP) which can be used to connect to overlaid ERP systems, for example.

You can test each connection using integrated simulation tools in the engineering phase – without hardware.

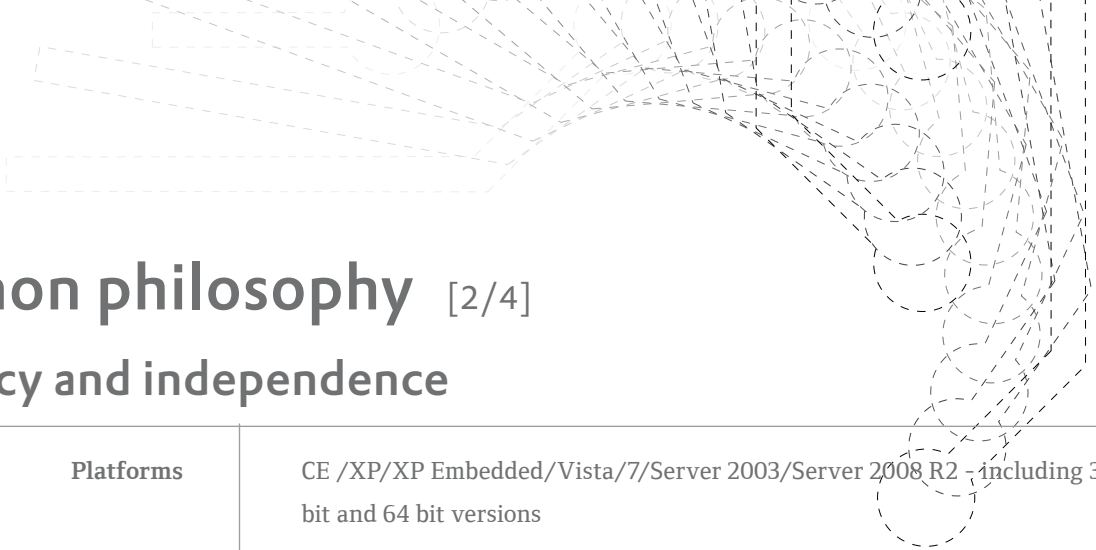
EDITOR

The zenon Editor makes consistent work possible. Changes are transferred to target systems at the press of a button with easy-to-use remote tools. Changes can be transferred to Runtime during operation and reloaded there without re-starting. In addition, remote administration provides integrated tools for analysis and remote maintenance.

FAST FACTS

- ▶ Compatible and open – in terms of both hardware and software
- ▶ The zenon network concept harmonizes the PC and terminal worlds
- ▶ Transparency at all levels
- ▶ Platform-independence
- ▶ Hardware and manufacturer independence





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Platforms	CE /XP/XP Embedded/Vista/7/Server 2003/Server 2008 R2 - including 32 bit and 64 bit versions
Resolution-independent project configuration	Yes
Platform and manufacturer independent	Yes
Backward-compatible	Backward-compatibility with old zenon versions including online and networked applications
Drivers	Over 300 communication protocols integrated; additional individual driver development on request
Protocol-independence	zenon Process Gateway with the following protocol modules: zenon OPC Server, SQL Online, MODBUS RTU Slave, Open MODBUS TCP, Slave DEC-TCP, DNP3, IEC 60870-101, IEC 60870-104
Individual openness	VSTA, open programming interface, .NET Controls, ActiveX, XML interface, SQL interface, IEC 61131-3 programming tool, driver kit, VBA