QVis Visualising System

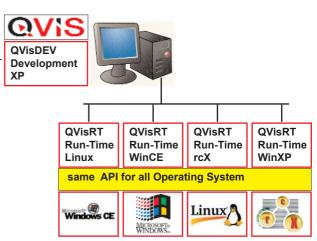## Modern visualising system with integrated controls

QVis makes possible the efficient creation and free design of graphic operating surfaces for HMI panels and PC terminals with integrated control software or driver for external controls.

QVis contains all functions of a modern visualising system such as:

- Alarm handling
- Recipe administration
- Password protection
- History
- Trending
- Simulation

Uniform visualizing system
For various platforms

QVis supports various platforms in which the development system is always the same. A QVis application can be used on small 3" panels under Windows CE as well as on a PC running Windows XP with a 17" monitor.
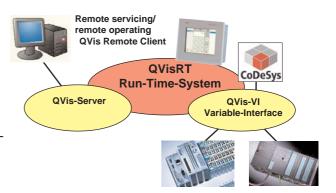
QVisDEV Development XP

QVisRT Run-Time Linux	QVisRT Run-Time WinCE	QVisRT Run-Time rcX	QVisRT Run-Time WinXP

same API for all Operating System

Interface for controls

QVis possesses a variable interface for:

- CoDeSys as integrated control
- Driver for external controls
  - ADS protocol (Beckhoff)
  - RFC1006 protocol (Siemens)

Remote operation is via the QVis Server or QVis Remote Client; remote servicing via the QVis Server.

Remote servicing/ remote operating QVis Remote Client

QVisRT Run-Time-System

CoDeSys

QVis-Server

QVis-VI Variable-Interface

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QVis Visualising System

Technical data

Operation	Keyboard, touch and mouse support
Graphic	Bitmaps, unlimited size
Picture elements	Static and dynamic symbols
	Static and dynamic texts
	Numeric variables
	Bar graphs
	Lists (variables, alarm, alarm history, line diagram)
	Switches and buttons
Keypads	Numeric inputs, text input symbol or text selection
Texts, languages	32 languages
	Central text administration, all texts in several languages
	On-Line language change
	Unicode character sets converted to BMP
	Optional: Text generation with MS Excel
Data types	BIT, INT8, UINT8, INT16, UINT16, INT32, UINT32, REAL, STRING, TIME, DATE
Switch types	Switch/ button direct system functions
	(Help, alarm acknowledgement, picture/language change)
Alarms, events	Various alarm types configurable into 32 alarm classes
	Number of alarm lists unlimited (1 per picture)
	Depiction of the alarms and alarm history as list
	Alarm history can be exported
Unit switching	32 basic units, up to 8 sub-units, Online switching
Recipes	Freely configurable recipe pictures
	Up and download of recipe values
	Recipe values saving and loading
Trend	4 Trends (1 trend per picture)
	8 Variables per trend, selectable Online
	Depiction once / endless
	Trend memory can be exported
	Zoom
	Rule with value display
	Settings saving and loading
Line diagram	4 line diagrams (1 line diagram per picture)
	8 Variables per line diagram, selectable Online
	Depiction controlled via PLC driver
	Depiction of the data as list
	Zoom
	Rule with value display
Password handling	Password level configurable for each input function
	8 static passwords, 1 dynamic password
ON-Line help	Selection of objects and variables
	(Variable list, Alarm list/ history
	2 Display variants: text window or external program (Browser)
Simulation	On development computer
Printing	Local or network printer
Variables import	XML format
Operating systems	Windows-XP, Windows-CE, Embedded-Linux
Control drivers	Beckhoff TwinCAT (ADS) , Siemens S7 (RFC1006), CoDeSys, Open driver

Product overview

Art.-No.	Art.-Name	Variant	Application	Target	OS	Remarks
6321.000	QVis-DEV		Development System	PC	XP	
		\UP	Upgrate DEV-System	PC	XP	
3002.000	QViS-RT-DEMO		Run-Time-System Demo	PC	XP	*Limit to 10min*
6321.100	QViS-RT	\PC-XP	Run-Time-System	PC	XP	
		\PC-LNX	Run-Time-System	PC	Linux	
		\TwinCat-CE	Run-Time-System	TwinCat	WinCE	
		\netX-CE	Run-Time-System	netX	WinCE	
		\netX-LNX	Run-Time-System	netX	Linux	*(from 2008)*
		\netX-RCX	Run-Time-System	netX	rcX	*(from 2008)*

All Products in English are from Sept. 07 available

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