

CoDeSys Automation Alliance

- ▼ **One single programming system**
for a whole pool of devices
- ▼ **Data exchange and Interoperability**
on application level
- ▼ **Compatible Devices**
from over 100 well-known
manufacturers of auto-
mation devices

We all speak

CoDeSys

And you?



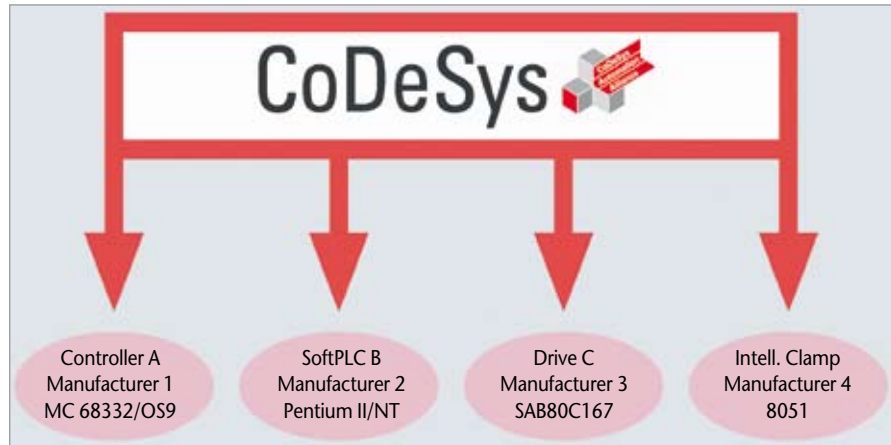
www.automation-alliance.com



The CoDeSys Automation Alliance Concept

A Standard Solution for all

End users in the fields of mechanical and plant engineering are not willing to accept isolated solutions. That is why standards such as OPC for SCADA systems or the manufacturer independent IEC 61131-3 standard for programming industrial controllers have established themselves on the market.



Nowadays, there is a further demand among end users for the networking of heterogeneous components, their interoperability and above all, the programming of these systems with only one single software tool. The system partner concept CoDeSys Automation Alliance not only fulfils these requirements, but is also a logical extension of the process of standardisation mentioned above. The widespread IEC 61131-3 – programming system CoDeSys contains the necessary functionality and creates a vast pool of devices all programmable with the same tool.

Cooperation of hardware and software companies in the automation industry

A large number of manufacturers of components for the automation industry (OEMs) already use CoDeSys as their programming system. It is thus only logical for them to cooperate on a general basis. As a platform and manufacturer-independent IEC 61131-3 programming system CoDeSys is the ideal link between the individual hardware components.

Networking heterogeneous systems

Interoperability standards on the basis of standard transmission protocols such as TCP/IP, UDP/IP or CANopen form the technical basis for networking heterogeneous components. Without the user having to write special application code, the devices can communicate and exchange data via network variables, a multi-master mechanism.

Programming heterogeneous systems with only one single programming system

By using standard runtime systems on the target hardware it is possible to program all the devices with only one single development

■ ■ ■ The programming system CoDeSys makes it possible to program PLCs of different performance categories and of different manufactures

tool: CoDeSys. Choosing the target hardware is just as simple as choosing a driver for your printer under MS Windows. The hardware manufacturers who are members of the CoDeSys Automation Alliance will supply the necessary drivers – the so called target support packages – along with their hardware.

End-user-friendly

System integrators and application programmers have a pool of software-compatible devices at their disposal. Broad-based suppliers offering the full range of automation products can, therefore, no longer force their customers to buy only their devices. If necessary, the user can fall back on second source devices which do not require the development of a further application.

The most important CoDeSys features

- ▼ Graphic editors for programming in Sequential Function Chart (SFC), Ladder Diagram (LD), Function Block Diagram (FBD), Continuous Function Chart (CFC, free hand FBD)
- ▼ Textual editors for programming in Instruction List (IL) and Structured Text (ST)
- ▼ C function calling
- ▼ Full range of standard data types according to IEC61131-3 incl. LREAL with FPU code generation
- ▼ User defined data types: Arrays, Structures, Enumeration, Alias, Pointer
- ▼ Comfortable programming with Syntax Colouring, Multiple Undo/Redo, Context sensitive Input Assistance, Context Menus in all editors, Graphic Project Comparison
- ▼ Library management for creating and managing user defined libraries

- ▼ Complete offline simulation
- ▼ Comprehensive Online Functionality: Monitoring, Writing and Forcing of variables and recipes, Debugging of complete projects (Breakpoints, Stepping, Single Cycle, Call Stack), Power Flow, Online Change, Trace Functionality, PLC Browser (command interface to the controller) etc.
- ▼ Integrated Compilers for the following processor families and derivatives: 8051, H8, 80C167, 68xxx, Coldfire, PowerPC, 80x86, ARM, MIPS, SH2/SH3/SH4, TriCore, TMS28xx/29xx
- ▼ OPC-Server, DDE-Server
- ▼ Communication Gateway for external access and remote maintenance
- ▼ Hierarchical graphical PLC configuration (Profibus, CANopen, ASi, DeviceNet)
- ▼ Integrated Visualization (Executable directly in the programming system, in the Windows Runtime, on the Target, via a Web Browser)
- ▼ Optionally integrated SoftMotion tool kit (3-dim. NC functionality, CAM, PLCopen motion POU's, drive configuration etc.)
- ▼ Optionally integrated Engineering Interface for connection to Source Code Management Systems, Multi User Operation and general tool interface

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 Initiator of the CoDeSys Automation Alliance and manufacturer of CoDeSys



Members and their Products

	Product type							Product specification										
	PLC	PC based PLC/SoftPLC	Intelligent I/Os	CNC/(Soft)PLC combination	Intelligent fieldbus coupling device	Intelligent Drive	PLC Core	Panel PLC	DCS	With local I/Os	Modular I/Os	CAN fieldbus interface	Profibus DP interface Master=M/ Slave=S	Ethernet interface	PROFINET [®] =P/EtherCAT [®] =E SERCOS=S/Other=X	Other fieldbus interface	CodDeSys SoftMotion Support	CodDeSys V2=V2 CodDeSys V3=V3
3S - Smart Software Solutions GmbH																		
CoDeSys SP		x		x							x	x	M	x	P/E/S/X	x	x	V3
CoDeSys SP RTE		x		x							x	x	M	x	P/E/S/X	x	x	V3
Aartec AG																		
Aartec s2409	x	x			x		x	x	x	x	x	x	M/S	x		x		V2
Aartec s734	x	x			x		x	x	x	x	x	x	M/S	x		x		V3
Aartec s700	x	x			x		x	x	x	x	x	x	M/S	x		x		V3
ABB STOTZ-KONTAKT GmbH																		
AC500-eCo, PM554	x				x					x	x					x		V2
AC500-eCo, PM564	x				x					x	x					x		V2
AC500, PM571	x		x		x						x	x	M/S	x	P/E/X	x		V2
AC500, PM581	x		x		x						x	x	M/S	x	P/E/X	x		V2
AC500, PM582	x		x		x						x	x	M/S	x	P/E/X	x		V2
AC500, PM590	x		x		x						x	x	M/S	x	P/E/X	x		V2
AC500, PM591	x		x		x						x	x	M/S	x	P/E/X	x		V2
ACD Antriebstechnik GmbH																		
AC400										x		x			E/X	x		V2
AC070										x		x			E/X	x		V2
CNC350		x		x	x						x	x		x	E/X	x		V2
DPL01045				x							x	x		x	E/X	x		V2
DPL02004				x							x	x		x	E/X	x		V2
PAC350		x		x	x					x		x		x	E/X	x		V2
PCU350		x		x	x						x	x		x	E/X	x		V2
PLC01	x		x		x						x	x				x		V2
PLC02	x		x		x						x	x	x	x	E/X	x		V2
MST049					x						x	x	x	x	E/X	x		V2
AMK Arnold Müller GmbH & Co. KG																		
AS-Cx Compact Controller	x				x						x	x		x	E	x		V2
AS-PLx PC based Motion Controller	x				x						x	x	S	x	E/S	x		V2
KW-PLC2 Motion Control add-on card	x				x	x					x	x	x	S		x		V2
KW-R03P PLC solution integrated in the drive	x				x	x					x	x	x	S		x		V2
andron GmbH																		
andronic 2060				x							x		x	x	X			V2
andronic 3060				x							x		x	x	X			V2/V3
ASEM S.p.A.																		
OT600		x										x	M	x	E	x		V3
OT1200 / PB1200		x										x	M	x	E	x		V3
OT1300 / PB1300		x										x	M	x	E	x		V3
WS500 / FT500 / PB500		x										x	M	x	E	x		V3
WS600 / FT600 / PB600		x										x	M	x	E	x		V3
AUTOMATA GmbH & Co. KG																		
A1		x									x	x	x		S	x	x	V2/V3
MAC		x										x	x			x	x	V2/V3
SCS		x		x							x	x	x	S		x		V2
SPOT		x										x				x	x	V2/V3
Bachmann Electronic GmbH																		
CT2xx Control Terminal	x			x								x		x	P/E/X			V2
CT3xx ControlTerminal		x		x								x		x	P/E/X			V2
M1-200: ME203	x				x						x	x	M/S	x		x		V2
M1-200: MX2xx	x				x	x					x	x	M/S	x	P/E/X	x		V2
M1-200: MPC2xx	x				x	x					x	x	M/S	x	P/E/X	x		V2
M1-200: MPE2xx	x				x	x					x	x	M/S	x	P/E/X	x		V2
BATEC (S-Sys bvba)																		
iCon P4x00	x													x				V3
iCon P4x00-3601	x			x										x				V3
iCon P4x11	x			x								x		x		x		V3
Beck IPC GmbH																		
SC23-IEC				x	x		x		x	x	x			x				V2
SC123-IEC				x	x		x	x	x	x	x			x				V2



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Beck IPC GmbH																		
SC143-IEC			x		x		x	x	x	x	x	x	x					V2
SC243-IEC			x		x		x	x	x	x	x	x	x				x	V2
Development Kit DK55 for SC23	x		x		x				x	x	x	x	x			x		V2
Development Kit DK61 for SC123/SC143	x		x		x				x	x	x	x	x			x		V2
Development Kit DK241 for SC243	x		x		x				x	x	x	x	x			x		V2
Berghof Automationstechnik GmbH																		
CEDIO-P 16/16-0,5	x				x		x		x	x	x		x					V2
CE2CPU-P 8/8-0,5	x				x		x		x	x	x		x					V2
DC1005MK SC	x				x				x	x	x	M/S	x					V2
DC1005TT	x				x				x	x	x	M/S	x					V2
DC1005VT PA	x				x				x	x	x	M/S	x					V2
DC1010TK	x				x				x	x	x	M/S	x					V2
DC1012TT SC	x				x				x	x	x	M/S	x					V2
Biviator AG																		
IPC Controller BC 800		x												x				V2
PLC Controller BC 800	x															x		V2
PLC Controller BC 032	x															x		V2
PLC Controller BC 3000	x															x		V2
Brunner Elektronik AG																		
CalcIT		x		x					x				x			x	x	V2
ModulaDRIVE						x	x							E		x		V2
MicroDRIVE						x	x							E		x		V2
CC Systems AB																		
CC Pilot XL		x			x		x	x	x	x	x		x					V3
CC Pilot XS		x			x		x	x	x	x	x		x					V3
CrossFire MX1			x				x	x	x	x	x							V3
CrossFire FX1			x				x	x	x	x	x							V3
CrossFire GX1			x				x	x	x	x	x							V3
Contec Steuerungstechnik & Automation GmbH																		
FastLoop – Ultra High-Speed PLC	x							x	x			x				x	x	V3
cpa Computer Process Automation GmbH																		
COMATIC OMC-1		x											x					V2
COMATIC OMC-2P		x											x					V2
COMATIC SoftPLC		x											x					V2
Cybelec S.A.																		
ELITE		x		x					x			x	x			x	x	V2
E. Dold & Söhne KG																		
Dx5504	x											x						V3
IL5504	x											x						V3
IN5504	x											x						V3
ECKELMANN AG																		
E•FBM			x															V2
E•LBM			x															V2
E•ELC55	x												x					V2
E•ELC51	x												x					V2
E•ELC53	x												x					V2
E•ENC55					x								x					V2
E•CNC55					x				x				x					V2
E•PNC55		x			x								x					V2
E•ELC16	x																	V2
E•ExC66compact	x												x			x		V3
E•ELC66	x												x		S	x		V3
E•EMC66	x				x								x		S	x		V3
E•ENC66	x				x								x		S	x		V3
FIT WinCE-SoftPLC		x											x					V2
ELAU GmbH																		
PacDrive C200/2 axes	x			x								M/S	x		X	x		V2
PacDrive C200/8 axes	x			x								M/S	x		X	x		V2

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ELAU GmbH																
PacDrive C400/8 axes	x		x						x	x	x	M/S	x	X	x	V2
PacDrive C400/16 axes	x		x						x	x	x	M/S	x	X	x	V2
PacDrive C600/99 axes	x		x						x	x	x	M/S	x	X	x	V2
Elektronik-Systeme LAUER GmbH & Co.KG																
WOP-iT control		x								x					x	V2
EleSy Company																
SCOR&X	x							x		x		M/S		P	x	V3
ELSY-TM	x							x		x			x		x	V3
ELGO ELECTRONIC GmbH & Co. KG																
P 50	x		x						x	x	x					V2
P 100	x		x						x	x	x					V2
elrest Automationssysteme GmbH																
combo control CMxx, SPS/PLC System	x		x		x			x	x	x	x	x	X	x	x	V2
modulo control, SPS/PLC System	x		x		x			x	x	x	x	x	x	x	x	V2
visio control P205, P208	x				x			x	x	x	x	x	E	x		V2/V3
visio control P090	x				x			x	x	x	x	x	x			V2
visio control P100	x				x			x	x	x	x			x		V2
visio control P303	x		x		x			x	x	x	x	x				V2
visio control P305	x				x			x	x	x	x	x		x		V2
visio control P406, P408, P410, P412	x			x	x			x	x	x	x	x			x	V2/V3
visio control P715	x	x		x	x			x	x	x	x	x	E	x	x	V2/V3
ELUTIONS																
ControlMaestro™ 2008		x							x			M	x		x	V2
Wizcon® Supervisor™		x							x			M	x		x	V2
WLC-z™ - Wireless Logic Controller	x				x			x	x			x			x	V2
WLC-io™ - Wireless Logic Controller	x				x			x	x			x			x	V2
WLC-M™ - Wireless Logic ControllerMobile	x				x			x	x			x			x	V2
EPEC Oy																
Epec 202x Control Units	x		x		x			x	x		x					V2
Epec 2038 Mini Control Unit	x		x		x			x	x		x					V2
Epec 2021 Hub Unit	x		x		x			x	x		x					V2
Epec 2029 Mini Display	x		x		x			x	x		x					V2
Epec 2040 Display	x		x		x			x	x		x			x		V2
epis Automation GmbH & Co. KG																
EMD C128	x		x		x			x	x	x		S	x		x	V2
smart9 T035	x		x		x		x	x	x	x		S	x		x	V3
smart9 T057	x		x		x		x	x	x	x		S	x		x	V3
smart9 T070	x		x		x		x	x	x	x		S	x		x	V3
smart9 T104	x		x		x		x	x	x	x		S	x		x	V3
esd electronic system design gmbh																
CAN-CBx-CPU5200	x		x		x				x	x			S		E	V2
CAN-CBx-CPU5201	x		x		x				x	x			S		E	V2
cPCI-CPU/405	x		x		x				x	x			x		E	V2
cPCI-CPU/440	x		x		x				x	x			x		E	V2
cPCI-CPU/750	x		x		x				x	x			x		E	V2
EPPC-405-UC	x		x		x				x	x			x		E	V2
EPPC-405-HR	x		x		x				x	x			x		E	V2
OTC-570	x		x		x				x	x			x		E	V2
PanelPPC-405	x		x		x			x	x				x		E	V2
PMC-CPU/405	x		x		x				x	x			x		E	V2
PMC-CPU/440	x		x		x				x	x			x		E	V2
Esitron GmbH																
APS-System, Positioning + PLC, scalable	x			x					x	x	x	S		X		V2
Eule Industrial Robotics GmbH & Co. KG																
ECON Compact	x		x						x	x	x	S	x		x	V3
ECON Commander	x							x	x	x	M/S	x	P/E/X	x		V3
ECON Gateway (IEC)	x		x		x				x	x	x	M/S	x	P/E/X	x	V3
GDalpha 2xxx	x							x	x	x	M/S	x	P/E/X	x		V3

Members and their Products

	Product type						Product specification											
	PLC	PC based PLC/SoftPLC	Intelligent I/Os	CNC/SoftPLC combination	Intelligent fieldbus coupling device	Intelligent Drive	PLC Core	Panel PLC	DCS	With local I/Os	Modular I/Os	CAN fieldbus interface	Profibus DP interface Master=M / Slave=S	Ethernet interface	PROFINET [®] =P / EtherCAT [®] =E SERCOS =S/ Others = X	Other fieldbus interface	CoDeSys SoftMotion Support	CoDeSys V2 = V2 CoDeSys V3 = V3
EXOR GmbH																		
eMAC Smart HMI Controller								x		x	x	x	x	X	X	x		V2
eSCM embedded Smart Controller								x		x	x	x	S	x	X	x		V2
eTOP-EPC		x								x	x	x	S	x	X	x		V2/V3
eTOP Smart Touchpanel Controller										x	x	x	S	x	X	x		V2
iCEX Cellular Explorer / Telemetry Controller					x					x	x	x	S	x	X	x		V2
UniOP HMIcontrol										x	x	x	S	x	X	x		V2
Faude Automatisierungstechnik GmbH																		
Flexcontrol		x		x							x		M	x	X	x	x	V2
Maranello		x								x	x	x	S		X			V2
Ferrocontrol Steuerungssysteme GmbH & Co. KG																		
E•ELC55		x									x	x		x				V2
E•ENC55		x			x						x	x		x				V2
E•ELC66		x									x	x		x	S	x		V3
E•EMC66		x			x						x	x		x	S	x		V3
E•ENC66					x						x	x		x	S	x		V3
E•FBM						x				x	x	x						V2
E•LBM						x				x	x							V2
RTE - SoftPLC		x										x		x				V2
WinCE - SoftPLC		x								x		x		x				V2
Festo AG & Co. KG																		
CECX-X-C1, Modular Controller		x								x	x	x	M/S	x	X			V2
CECX-X-M1, Modular Controller Softmotion		x		x						x	x	x	M/S	x	X		x	V2
CPX-CEC-C1, Embedded Controller CPX					x					x	x	x	S	x	P/E/S/X	x		V2
FED-CEC, HMI & Control										x	x			x	X			V2
SBOQ, Camera & Control				x						x		x		x	X			V2
frenzel + berg electronic GmbH & Co.KG																		
EASY 215		x			x					x		x						V2
EASY 217		x			x					x		x						V2
EASY 219		x			x					x		x						V2
EASY 235		x			x					x		x						V2
EASY 237		x			x					x		x						V2
EASY 238		x			x					x		x						V2
EASY 242		x			x					x		x						V2
EASY 250		x			x					x		x						V2
EASY 2502		x			x					x		x						V2
EASY 2504		x			x					x		x						V2
EASY 2506		x			x					x		x						V2
EASY 2606		x			x					x		x						V2
VISU-CB10-TL		x			x					x		x						V2
VISU-P100-TL											x	x						V2
VISU-P300-TL											x	x						V2
Grossenbacher Systeme AG																		
Combi-LinePanel-PC		x									x		M/S	x			x	V2
EthernetPanel-Line		x								x		x	M/S	x	E		x	V2/V3
Hilscher GmbH																		
netDIMM										x		x	M/S	x	P/E/S/X	x		V3
netX 500										x		x	M/S	x	P/E/S/X	x		V3
NPLC-C100-DP		x											M					V3
NPLC-M100-DP													M					V3
NPLC-C100-CO		x								x		x						V3
NXHMI-VT250 -xx										x		x	M	x	P/X	x		V3
Hollysys Co. Ltd																		
MACS DCS											x		M	x				V3
LK PLC		x									x		M	x				V3
LM PLC		x		x							x		S	x				V2
Hottinger Baldwin Messtechnik GmbH																		
MGCplus (ML70, ML70B)			x							x	x	x	S	x			x	V2
IEP Ingenieurbüro für Echtzeitprogrammierung GmbH																		
IF555-1		x		x						x	x	x		x	X	x		V2/V3
MOCAN-DK		x			x					x	x	x		x	X	x		V2/V3
MOCAN-M		x		x						x	x	x		x	X	x		V2/V3
MOCOB-V3		x		x						x	x	x		x	X	x		V2/V3

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IEP Ingenieurbüro für Echtzeitprogrammierung GmbH																		
NBS300	x		x					x	x	x						x		V2/V3
Pbeth2	x				x			x	x	x			x		X	x		V2/V3
PK-DP					x							S				x		V2
UCT	x							x	x		x		x			x		V2/V3
ifm electronic gmbh																		
AS-i Profibus DP ControllerE (AC1365, AC1366)	x				x					x		x				x		V2
AS-i DeviceNet ControllerE (AC1318, AC1324)	x				x					x		x				x		V2
AS-i Ethernet IP ControllerE (AC1327, AC1337)	x				x					x			x			x		V2
AS-i Profibus DP ControllerE (AC1355, AC1356)	x				x					x		x				x		V2
AS-i Ethernet CAA ControllerE (AC1353, AC1354)	x				x					x			x			x		V2
AS-i CAN ControllerE (AC1331, AC1332)	x				x					x	x					x		V2
PDM360 Display monochrom (CR1050, CR1060)								x			x			x				V2
PDM360 Display colour (CR1051)								x			x			x				V2
PDM360 compact Display monochr. (CR1052, CR1055)								x			x			x				V2
PDM360 compact Display monochr. (CR1053, CR1056)								x	x		x			x				V2
PDM360 smart Display (CR1070)								x			x							V2
PDM360 smart Display, add. I/O (CR1071)								x			x							V2
R360 ClassicController (CR0020, CR0505)	x		x		x				x	x	x							V2
R360 ClassicController 32 bit (CR0032)	x		x		x				x	x	x							V2
R360 ExtendedController (CR0200)	x		x		x				x	x	x							V2
R360 CabinetController (CR0301, CR0302, CR0303)	x		x		x				x	x	x							V2
R360 SmartController (CR2500)	x		x		x				x	x	x							V2
R360 SafetyController (CR7021, CR7201, CR7506)	x		x		x				x	x	x							V2
INTER CONTROL																		
Hermann Köhler Elektrik GmbH & Co. KG																		
digsy Compact I (Versionen: A, F, R)	x		x		x			x	x	x	x							V2
digsy Compact II (Versionen: A, F, R)	x		x		x			x	x	x	x							V2
digsy Compact III (Versionen: A, F, R)	x		x		x			x	x	x	x							V2
digsy MTC	x				x			x	x	x			x					V2
digsy MTC-SYSTEM	x				x			x	x	x			x					V3
digsy CGM	x				x			x	x	x								V2
digsy CMV	x				x			x	x	x								V2
digsy CCN DM02									x	x	x							V2
digsy CCN DI02									x	x	x							V2
digsy CCN-AM01									x	x	x							V2
digsy ICN-D 64									x	x	x							V2
Janz Automationssysteme AG																		
emPC-A400		x			x			x			x		x					V2/V3
emPC-MLX		x			x			x	x	x	x		x		E	x		V2/V3
emPC-MCM		x			x			x	x	x	x		x		E	x		V2/V3
emPC-MPM		x			x			x	x	x	x		x		E	x		V2/V3
emPC-MCD		x			x			x	x	x	x		x		E	x		V2/V3
emPC-MC2D		x			x			x	x	x	x		x		E	x		V2/V3
emPC-MN270		x			x			x	x	x	x		x		E	x		V2/V3
emVIEW-6T		x			x			x			x		x					V2/V3
emVIEW-8T		x			x			x			x		x					V2/V3
emVIEW-10T		x			x			x			x		x					V2/V3
emVIEW-12T		x			x			x	x	x	x		x		E	x		V2/V3
emVIEW-15T		x			x			x	x	x	x		x		E	x		V2/V3
emVIEW-19T		x			x			x	x	x	x		x		E	x		V2/V3
KEB Karl E. Brinkmann GmbH																		
COMBICONTROL C5 Compact	x				x			x	x	x	S		x		X	x		V2
COMBICONTROL C5 Enhanced	x				x			x	x	x	S		x		X	x		V2
COMBICONTROL C6 Compact	x				x			x	x	x	S		x		E/X	x		V3
H6-Control unit	x				x			x	x	x	S		x		E	x		V3
COMBICONTROL C6 Panel IPC -econ	x	x			x			x			S		x		E	x		V3
COMBICONTROL C6 Panel IPC -perform	x	x			x			x			S		x		E	x		V3
COMBICONTROL C6 Box IPC	x	x			x			x			S		x		E	x		V3
KEBA AG																		
KeSystems_CP23x Linie	x	x								x	x	M/S	x		E/S	x		V2
KeSystems_CP25x Linie	x	x								x	x	M/S	x		E/S	x		V2
KeMotion_r2000	x	x			x					x	x	M/S	x		E/S	x		V2

Members and their Products

	Product type							Product specification										
	PLC	PC based PLC/SoftPLC	Intelligent I/Os	ONC/ (Soft)PLC combination	Intelligent fieldbus coupling device	Intelligent Drive	PLC Core	Panel PLC	DCS	With local I/Os	Modular I/Os	CAN fieldbus interface	Profibus DP interface Master = M / Slave = S	Ethernet interface	PROFINET [®] = P / EtherCAT [®] = E SERCOS = S / Others = X	Other fieldbus interface	CodeSys SoftMotion Support	CodeSys V2 = V2 CodeSys V3 = V3
KEBA AG																		
KeMotion_r5000	x	x		x							x	x	M/S	x	E/S	x		V2
Kontron AG																		
Box PC		x											M/S	x	P/E/X			V2/V3
Embedded IPC: ThinkIO-P		x					x	x	x	x	x	x	M/S	x	E/X	x	x	V2
Embedded IPC: ThinkIO-Duo		x					x	x	x	x	x	x	M	x	P/E/X	x	x	V3
3U CPCI Systeme		x								x	x	x	M	x	X	x	x	V2/V3
6U CPCI Systeme		x								x	x	x	M	x		x	x	V2/V3
HMI: Micro Client Familie																x		V2/V3
HMI: V Panel express Familie																x		V2/V3
Industrie Server: KISS Familie		x											M/S	x	P/S	x		V2/V3
Kuhnke Automation GmbH & Co. KG																		
Ventura PLC 100	x								x	x	x	x	M/S	x	X			V2
Ventura IPC 800		x							x		x	x	M/S	x	E	x		V2
Ventura IPC 1000		x							x		x	x	M/S	x	E	x		V2
Ventura IPC 1600 Dual Core		x							x		x	x	M/S	x	E	x		V2
Ventura IPC 1600 Atom		x							x		x	x	M/S	x	E	x		V2
Ventura Remote PLC CAN	x		x		x				x	x	x	x						V2
Ventura Remote PLC DP	x		x		x				x	x	x		S					V2
Ventura Scout	x								x	x	x	x	M	x	E			V2
Ventura Skaleo 100	x		x		x				x	x	x		S	x	E	x		V2
Lenord, Bauer & Co. GmbH																		
MotionController GEL 8240	x				x				x	x	x	x	S/x	x		x		V2
Positioning Drive GEL 6111										x	x	x	S/x	x	E			V2
LTI DRIVES GmbH																		
ServoOne	x						x			x	x	x	S	x	P/E/S/X	x		V3
Manz Automation AG																		
aico.control embedded (PCI Board)		x	x	x	x		x	x	x	x	x	x	x	x	E/S/X	x		V2
aico.control Stand alone		x	x	x	x		x	x	x	x	x	x	x	x	E/S/X	x		V2
Helmut Mauell GmbH																		
ME30 telmatic	x		x		x	x				x	x	x		x		x		V2
ME30 compact	x		x		x	x				x	x	x		x		x		V2
ME30 infobox basic			x							x								V2
ME30 infobox connect			x		x					x	x	x				x		V2
ME30 infobox control	x		x		x	x				x	x	x				x		V2
ME30 panel					x	x								x		x		V2
Messung Systems																		
Nexgen 5000	x									x	x							V2
Nexgen 2000	x		x							x	x							V2
Nexgenie	x		x							x	x							V2
Nx series Nexto PLCs	x									x			M	x	E			V2
Micro Innovation AG																		
XI/ON Remote I/O System	x		x		x						x	x	S	x		x		V2
XVC-100 Text HMI PLC	x				x					x		x						V2
XV-100 3,5" Touch HMI-PLC	x				x							x	M	x		x		V2
XV-200 5,7" Touch HMI-PLC	x				x							x	M	x		x		V2
XV-400 5,7 - 15" Touch HMI-PLC	x				x							x	M/S	x		x		V2
XVS-400 5,7 - 15" Touch HMI-PLC	x				x							x	M	x		x		V2
XV-700 8,4 - 19" Touch HMI-PLC	x				x							x	M	x		x		V2
XVC-600 10 - 15" Touch HMI-PLC	x	x			x							x	M	x		x		V2
MicroNet Automation GmbH																		
microX [®] server xS10	x				x				x		x			x		x		V3
microX [®] io (I/Os for microx [®] server)											x					x		V3
microX [®] gate enOcean / EasySens																x		V3
microX [®] gate DALI																x		V3
microX [®] gate M-BUS																x		V3
Mikrap AG																		
ACP-70, -104, -150	x	x			x		x	x			x	x		x		x		V2
LCP-57, -84, -104	x				x		x	x			x	x	M/S	x		x		V2
UCP-43, -57, -70	x				x		x	x			x	x		x		x		V2
PC-Handy	x				x		x	x		x	x	x		x		x		V2

Members and their Products

	Product type							Product specification										
	PLC	PC based PLC/SoftPLC	Intelligent I/Os	CNC/(Soft)PLC combination	Intelligent fieldbus coupling device	Intelligent Drive	PLC Core	Panel PLC	DCS	With local I/Os	Modular I/Os	CAN fieldbus interface	Profibus DP interface Master = M / Slave = S	Ethernet interface	PROFINET* = P / EtherCAT* = E SERCOS = S / Others = X	Other fieldbus interface	CodSys SoftMotion Support	CodSys V2 = V2 CodSys V3 = V3
Mikrap AG																		
ACU	x	x	x		x		x			x	x	x		x		x		V2
PCU	x	x	x		x		x			x	x	x	M/S	x		x		V2
UCU	x		x		x		x			x	x	x		x		x		V2
MOBA Mobile Automation AG																		
MPC120 Mobile Process Controller	x		x				x			x								V2
MPC340 Mobile Process Controller	x		x				x			x								V2
GD320 Graphic Display	x						x	x			x							V2
Moeller GmbH - Ein Unternehmen des Eaton Electrical Sector																		
EC4-200	x				x					x	x	x	S	x		x		V2
MFD4					x			x				x		x	X	x		V2
XC100 PLC	x				x					x	x	x	M/S			x		V2
XC121 PLC	x				x					x	x	x	S			x		V2
XC200 PLC	x				x					x	x	x	M/S	x	X	x		V2
XC100 -xV Text-Display PLC	x				x					x	x	x	M/S			x		V2
Montelec S.L.																		
MC2000	x				x		x			x		x	x			x		V2
MTC3000	x				x		x			x		x	x			x		V2
Moog GmbH																		
Moog Servo Controller MSC I	x		x		x				x	x	x	x	S	x				V2
Moog Servo Controller MSC II	x		x		x				x	x	x	x	S	x	E	x	x	V2
Moog Servo Controller MSC-R (-40°-+70°C ; IP67)	x		x		x				x	x	x	x	S	x	E	x	x	V2
Moog Dialog Controller	x		x		x			x	x	x	x	x		x				V2
M600 PLC Controller	x		x		x			x	x	x	x	x	S	x	E			V3
MSD Multi Achsen Motion Controller	x		x		x		x	x	x	x	x	x	S	x	E	x	x	V2
MSD Servodrive	x					x			x	x	x	x	S	x	E/S			V3
MSC Tuttlingen GmbH																		
ACM 12,1" / 15" / 19"		x						x		x		x		x	P/E/X	x		V3
BASIC		x									x		M/S	x	X	x	x	V2
BCM		x						x		x		x		x	P/E/X	x		V3
CARAT 12,1"/15"		x				x	x	x			x		M/S	x	X	x	x	V2
CARAT-Box		x				x	x	x			x		M/S	x	X	x	x	V2
ECM 12,1" / 15" / 19"		x						x		x		x		x	P/E/X	x		V3
FOCUS / BeBo 12,1"/15"/17"/19" / DIALOG 15"		x					x	x			x		M/S	x	X	x	x	V2
Num GmbH																		
Axium Power				x							x							V3
Num Power				x							x							V3
ORMEC Systems Corp																		
SMLC-SA	x					x				x	x			x				V2
SMLC-30	x		x							x	x		M	x				V2
SMLC-80	x		x							x	x		M	x				V2
SMLC-160	x		x							x	x		M	x				V2
OWEN																		
OWEN PLC 100	x		x		x									x		x		V2
OWEN PLC 150	x		x		x									x		x		V2
OWEN PLC 154	x		x		x									x		x		V2
Parker Hannifin GmbH																		
Compax3 S			x			x				x	x		S	x	E/X	x		V2
Compax3 H			x			x				x	x		S	x	E/X	x		V2
Compax3 M			x			x				x	x		S	x	E/X	x		V2
Compax3 F	x		x			x				x	x		S	x	E/X	x		V2
C3powerPLmC	x		x							x	x		S	x	E/X			V2
PIO			x		x					x	x		S	x	E/X	x		V2
PMA Prozeß- und Maschinen-Automation GmbH																		
Automation System „Popen“	x							x		x	x			x				V2
Automation System „vario PLC“	x							x		x	x		S	x	X	x		V2
IPCs with SoftPLC		x									x		M/S	x	X	x	x	V2
Panel Controller „KS 108,118,128“		x						x	x	x				x		x		V2
Smart Panel PLCs (5,7", 12", 15")		x						x						x				V2

Members and their Products

	Product type						Product specification											
	PLC	PC based PLC/SoftPLC	Intelligent I/Os	ONC/(Soft)PLC combination	Intelligent fieldbus coupling device	Intelligent Drive	PLC Core	Panel PLC	DCS	With local I/Os	Modular I/Os	CAN fieldbus interface	Profibus DP interface Master=M / Slave=S	Ethernet interface	PROFINET [®] =P/EtherCAT [®] =E SERCOS=S/Others=X	Other fieldbus interface	CodeSys SoftMotion Support	CodeSys V2=V2 CodeSys V3=V3
PSG Plastic Service GmbH																		
flexotemp [®] MCU 128	x									x	x	x	S	x				V2
flexotemp [®] PCU 24 / PCU 48 / PCU 128	x									x	x	x	S	x				V2
flexotemp [®] PCU 128 RTE	x									x	x	x		x	X			V2
QUIN Systems Limited																		
Q Manager / Q Drives	x			x		x				x	x	x	x	x	E	x		V2
Q Control 4	x			x						x	x	x	x	x		x		V2
Q Control 2	x			x						x	x	x	x	x		x		V2
Rafi GmbH & Co. KG																		
Smart-Panel SmartTouch								x		x	x	M	x			x		V2
Smart-Panel KeyPanel								x		x	x	M	x			x		V2
SmartPanel - ControlPanel				x						x	x							
Real Time Automation, Inc.																		
4610xxx	x				x					x	x		x			x		V2
CoDeSys trainer	x									x								V2
SABO Elektronik GmbH																		
PLM 707	x									x	x							V2
PLM 717	x									x	x							V2
PLM 727	x									x	x							V2
PLM 737	x									x	x							V2
PLM 747	x									x	x							V2
PLM 730 XX	x		x		x	x				x	x	S	x			x		V2
SAE IT-systems GmbH & Co. KG																		
net-line FW-5 - micro RTU	x		x				x	x		x	x		x	X	x	x		V2
net-line FW-50 - high performance RTU	x		x				x	x		x	x	M/S	x	X	x	x		V2
net-line FW-5000 - high performance master	x		x				x	x		x	x		x	X	x	x		V2
net-line FW-4 - IP65 RTU	x						x	x		x	x		x	X	x	x		V2
net-line FW-40 - modular telecontrol system	x		x				x	x		x	x	M/S	x	X	x	x		V2
net-line FWR-400 - modular telecontrol router	x		x				x	x		x	x	M/S	x	X	x	x		V2
Schneider Electric Motion Deutschland GmbH																		
LEXIUM CONTROLLER „LMC“	x			x	x		x			x	x	S	x			x	x	V2
Multi Axis Motion Controller “TLM2”	x	x		x	x					x	x	M	x			x	x	V2
Smart Motion Controller “SMC”	x									x	x							V2
Twin Line “TLC6”	x					x				x	x					x		V2
Twin Line Cell Controller “TLCC”	x	x			x					x	x	M	x					V2
Schraml GmbH																		
PLC/SCADA/telecontrol station (modular) FWM 10x	x		x		x			x		x	x			X	x	x		V2
PLC/SCADA/telecontrol station (modular) FWM 17x	x		x		x			x		x	x	M	x	P/X	x	x		V2
PLC/SCADA/telecontrol station (compact) FWL 05x	x		x		x			x		x	x	M		X	x	x		V2
PLC/SCADA/telecontrol station (compact) FWL 15x	x		x		x			x		x	x	M	x	P/X	x	x		V2
SENECA srl																		
Z-TWS-3 – Master Unit	x	x									x	x	x			x		V2
Z-CANBUS – CAN repeater					x						x							V2
ZC-107FO- Fiber optic repeater					x											x		V2
ZC-24DI, ZC-24DO, ZC-16DI-8DO – Digital IOs						x				x						x		V2
ZC-8AI/ ZC-3AO – Analog IOs						x				x						x		V2
ZC-4RTD, Z-8TC – Temperature acquisition						x				x						x		V2
ZC-SG, Straining Gauge module						x				x						x		V2
Sensor-Technik Wiedemann GmbH																		
ESX mobile fit	x		x				x			x	x	x						V2
ESX-LT mobile fit	x		x				x			x	x	x						V2
ESX-DIOS mobile fit			x							x	x	x						V2
ESX-DIOM mobile fit			x							x	x	x						V2
ESX-micro mobile fit	x		x				x			x	x	x						V2
ESX-IOX mobile fit			x							x	x	x						V2
SETEX Schermuly textile computer GmbH																		
Compact PLC, CP14/CP14xM	x									x								V2
Compact PLC, CP16/CP16xM	x									x	x					x		V2
SECOM Controller Series with SC20C								x		x	x		x					V2
SECOM Controller Series with SC20D								x		x			x			x		V2

Members and their Products

	Product type								Product specification									
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Soenen Controls NV																		
Modac Compact	x			x						x	x	x		x				V2
Solvimus GmbH																		
auvis.box	x		x		x				x	x	x		x					V2
auvis.pro	x		x		x				x	x	x		x					V2
auvis.mod	x		x		x				x	x	x	S	x	P/E/X		x		V2
Sonthem Industrie Elektronik GmbH																		
IPC-FlexControl	x	x	x	x	x	x	x	x	x	x	x		M	x	E		x	V2/V3
Micro-FlexControl	x	x		x	x				x	x	x		x	x			x	V2
STANGE Elektronik GmbH																		
SE-604											x	x	x	x				V2
SE-606											x	x	x	x				V2
SE-607											x	x	x	x				V2
SÜTRON electronic GmbH																		
HMI emPower Line TP057M / TP057S / TP057T	x		x		x				x	x	x		M	x			x	V2
HMI emPower Line TP65xiT	x		x		x				x	x	x		M	x			x	V2
HMI emPower Line TP104xiT	x		x		x				x	x	x		M	x			x	V2
HMI emPower Line TP121xiT	x		x		x				x	x	x		M	x			x	V2
HMI emPower Line TP151xiT	x		x		x				x	x	x		M	x			x	V2
HMI Slim Line TP35AM / TP35AT	x								x		x			x			x	V2
HMI Slim Line TP57AM / TP57AT	x								x		x			x			x	V2
HMI Mobile Line HTP104T	x								x		x			x			x	V2
TELESTAR S.r.l.																		
Telestar Motion Controller		x		x						x	x			x			x	V2
TRsystems GmbH																		
@PLC-C101 (@ctiveIO)	x		x						x	x	x		S					V2
@PLC-C20x (@ctiveIO)	x		x						x	x	x		S	x				V2
@PLC-C500 (@ctiveIO)	x	x	x		x				x	x	x		M/S	x			x	V2
EPCx (embedded Panel-PC)		x							x	x	x		M	x			x	V2
VPCTxx-PLC (Panel-PC)		x			x				x	x			M	x			x	V2
VDCx.x (HMI)	x								x	x			M/S	x				V2
VCC (HMI)	x								x		x		M/S	x				V2
TTCControl S.r.l.																		
TTC 50	x		x							x	x	x					x	V2
TTC 60	x		x							x	x	x					x	V2
TTC 90	x		x							x	x	x					x	V2
TTC 100	x		x							x	x	x					x	V2
TTC 110	x		x							x	x	x					x	V2
TTC 200	x		x							x	x	x					x	V2
TTC 36X			x									x						V2
Vision	x								x			x		x			x	V2
VisionPlus	x		x						x	x	x		x				x	V2
Hans Turck GmbH & Co. KG																		
BL67 – Modular IP67 Remote-I/O-System	x		x		x						x	x	S	x			x	V2
BL20 – Modular IP20 Remote-I/O-System	x		x		x						x			x			x	V2
Völkel Mikroelektronik GmbH																		
BrainBox® Universal Mobile Controller	x		x		x					x		x						V2
BLM Logic Mobile Controller	x		x							x		x						V2
HCY Enhanced Mobile Controller	x		x		x					x		x						V2
HCX Standard Mobile Controller	x		x							x		x						V2
MGD Mobile Display									x			x						V2
MMC Modular Mobile Controller	x		x		x					x	x	x						V2
WAGO Kontakttechnik GmbH & Co.KG																		
IO-IPC		x			x					x	x	x	M	x	X		x	V2
Series 750 - Modular IP20 IO-System	x		x		x					x	x	x	S	x	S/X		x	V2
Series 767 - Modular IP67 IO-System SPEEDWAY	x		x		x					x	x	x	S	x	P/X		x	V3
Wieland Electric GmbH																		
ricosTP - Rail engineering and Outdoor	x		x		x						x	x		x				V2
ricos Standard - Industry automation	x		x								x			x				V2

* This functionality is not supported by standard CoDeSys V2 but implemented by an additional module of the individual tool manufacturers.

We all speak

CoDeSys



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