

Stacks and Tools for your chosen platform



Products:

- Protocol Stacks
- Design Tools
- Troubleshooting & Service Tools
- Configuration Tools

Services:

- Software & Hardware Engineering
- Consulting & Training
- Implementation
- System Integration

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Driver

	XILINX (FPGA)		ALTERA (FPGA)		ATMEL			Texas Instruments			ST			Freescale			NEC	Microchip			Infineon			Misc.				Tools and Cores						
	MicroBlaze + XCAN	MicroBlaze	NIOS + OpenCores CAN	NIOS	8-Bit 8051	AT91 ARM7 Derivate	AT91 ARM9 Derivate	AVR	DSP Serie C2000	Cortex-M3 Derivate	ARM9 Derivate	ARM7 Derivate	ARM9 Derivate	Cortex-M3	HCS12	ColdFire	PowerPC	I.MX ARM Derivate	V850 Derivate	PIC 18	dsPIC 30	dsPIC 33	X800	C16x	TriCore	Analog Devices	Fujitsu	Renesas	INTEL	Design Tool	Master Simulator/Configuration Tool	Analyzer	Line structure (managed)	
<p>all services according CiA 301 V 4.2 and many optional services, e.g.: LSS, Redundancy and more. Strict interface between protocol stack and hardware driver</p>	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
<p>solid protocol stack with all basic services. Strict interface between protocol stack and hardware driver.</p>			●										●					●					●						●		●			
<p>established protocol stack offering all basic services.</p>								●															●									●		
<p>services for IO Devices supported (CC-A, RT-1), according to PROFINET Specification V 2.X. Strict interface between protocol stack and hardware driver.</p>		●		●					●	●		●	●				●				●							●	●			●		
<p>solid protocol stack, support all EtherCAT features and offering support for the CiA device profiles. Strict interface between protocol stack and hardware driver.</p>		●		●					●	●		●	●				●					●						●	●	●	●	●	●	
<p>services for Controlled Nodes according to EPSG DS 301 V 1.1.0. Strict interface between protocol stack and hardware driver.</p>		●		●									●	●	●															●	●	●	●	
<p>established protocol stack for EtherNet/IP adapters. All ODVA required functions are supported.</p>		●		●						●		●	●				●												●		●		●	

All stacks can support Linux and MS-Windows by specific drivers. Support for these and other OS is already available or can be integrated. Other CPUs/MCUs can be supported quickly. Please check with port. All Ethernet stacks can be equipped with comprehensive support for line structure (daisy chain). This is done by using IP-Cores for Switching (PROFINET, EtherNet/IP), ESC (EtherCAT) or Hub (POWERLINK). For more information please send Email to: sales@port.de

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port GmbH was founded in May 1990 as an independent company in Halle/Saale, Germany.

Since then port can refer to a prosperous business development. The aim of port is the development of progressive, high-quality products and engineering services in the area of industrial communications especially for CAN, CANopen, PROFINET, Ethernet/IP, EtherCAT and POWERLINK respectively.

Besides our high-performance standard products, we develop customized, client-specific fieldbus-oriented solutions, which best meet client's demands. Our services range from consulting for fieldbus solutions and on-site implementation of customer-specific embedded systems to the handling of a wide range of customer projects.

Our ambition is not only to offer our products, but to deliver the best support for handling, application engineering and implementations by offering engineering services, trainings on products and technologies and assistance for the initial operation.

To meet customer's expectations and to provide our products, support and our engineering services all over the world, we have existing partnership agreements and distribution contracts with companies in Germany, Europe and the USA. Being member of different standardization groups like EPSG and CiA we continuously offer products that are on top of the developments and according to the latest standards.

We see ourselves as an independent system integrator and use, wherever possible, open standards.

Our experiences within the business sector are incorporated into our products for the benefit of our customers.

By meeting and exceeding the high technical quality standards of our customers all around the world our software products have reached an advanced level of functionality.

To meet the high quality requirements on our products and services and to guarantee this quality for our clients port works with a process management system.

port has been certified since 1999 to ISO 9001:2010.

At port we are constantly aware of the fact that the future of our business can only be formed in cooperation with our customers.

Therefore we want to be of maximum use to our customers by offering high quality products and competent advice. We want to gain our customers trust by offering attractive products, excellent quality, innovative ideas and competence. We are always interested in developing a strong, healthy relationship with our customers. It is our aim to create the conditions that are necessary to meet all customers needs and to win their trust, thus ensuring a continued, and above all, successful, co-operation which will last for many years to come.



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