

Walter Borst

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Date of birth: May 30th, 1953

As hardware and software developer and project manager self employed since 1992. Detailed profile and references can be made available on request.

Main emphases: Software and firmware for 8/16/32 bit microcontrollers, test software and simulations under Windows, implementation of time critical operations and digital communications.

Salary: 920.- Euro/day or 115.- Euro/hour (without tax and expenses).

Programming Languages	FORTRAN, PLM51, FORTH, PASCAL, VB, C, C++, C#, SQL, Java, Assembler
Special Languages	DDL, HTML, XML, Java Script, VB Script, UML
Operating Systems	DOS, Windows 3.1/3.11/98,NT,2000,XP, CP/M, MicroC OS-II, EmbOS
Microcontroller	6800, 6805, 6809, 6811, 680xx, 8080, 8085, Z80, 8086-80386, 8031/51/52, H8, M16C, PIC, ARM
Platforms / Interfaces	GEM, MFC, COM, DCOM, Borland Builder, Delphi, Visual Basic, Visual Studio.net
Hardware	Gate-Array Design, intrinsically safe electronic circuits, microcomputer design, A/D-conversion, connections to fieldbus
Communications Languages	HART, CAN/CANopen, PROFIBUS, FF, 802.x, TCP/IP
Projects	
2007-2009	Development of a software platform for embedded systems. Development of a test system with integration of a pc-simulation in Visual Studio .
2005-2006	Development of a TCP/IP stack for embedded systems for 8/16/32 bit microcontroller very limited resources.
2004-2005	Software project management, system design and development: Thermal flow transmitter, HART, Profibus PA and MODBUS
2004-2005	System design and development: Two wire temperature transmitter for Profibus und FF
2001-2004	System design , development and software project management: Software-Platform for two wire flow transmitter with variable I/O structure Development of a PC simulation for the embedded software development in Visual Studio Support with the integration of the platform into various devices
2001-2003	System design and development: Porting of a software platform for two wire measurement transmitter onto a new hardware structure integration of a Fuzzy-Logic regulator
2001-2002	Software project management, system design and development: Two wire flow transmitter vortex, 4..20 mA, HART and Profibus .
2000-2001	Development: Windows application for the calibration in the production .