

Project list

Freudenberg, Weinheim, industrial power station; nov. 90 start up H&B Protronic single automatic controller
RWE DEA, Moers, industrial power station; nov. 90 - jan. 91 start up H&B ContronicP – process control system
RWE DEA, Köln, tryout plant; feb. 91 start up H&B ContronicP - process control system
Berzelius lead hut, Stolberg, lead rotary kiln; march - mai 91 start up H&B ContronicP - process control system
Hoechst, Frankfurt, chemical plant; june - nov. 91 start up H&B ContronicP - process control system
VEBA Gelsenkirchen, tank storage; dez. 91 - jan. 92 start up H&B ContronicP - process control system
SKW, Trostberg, special chemicals; feb. 92 start up H&B ContronicP/Protronic - process control system
Thyssen, Duisburg, sheet steel galvanization plant; march - dec. 92 start up H&B ContronicP - process control system
Rasselstein, Neuwied, bonnets glows; dec. 92 start up H&B ContronicP - process control system
Hoechst, Gersthofen, chemical plant; jan. 93 configuration and start up H&B ContronicP - process control system
Uni - ENSPS, Strasbourg, France, robotics, fuzzy control; feb. 93 - june 93 ANSI-C-programming, FuzzyTech, Matlab/Simulink
Statoil, Karsto, Norway, natural gas terminal; july. - sept. 93 start up H&B ContronicP - process control system
Südzucker, Thüringen, syrup plant; oct. - nov. 93 configuration and start up H&B ContronicP - process control system
Uni - ENSPS, Strasbourg, France, robotics, fuzzy control; dec. 93 - june 94 ANSI-C-programming, FuzzyTech, Matlab/Simulink
TICONA, Kelsterbach, industrial epoxies; july 94 - feb. 95 configuration and start up H&B ContronicP - process control system
Uni - ENSPS, Strasbourg, France, robotics, fuzzy control; march 95 - july 95 ANSI-C-programming, FuzzyTech, Matlab/Simulink

**HofmannLaRoche, H&B Minden test panel, vitamines; aug. 95 - oct. 95
configuration and start up H&B ContronicS - process control system**

**Sollac, H&B Minden test panel, coking plant; nov. 95 - jan. 96
configuration and start up H&B ContronicS - process control system**

**Sollac, Dunkerque / France, coking plant; feb. 96 - aug. 96
configuration and start up H&B ContronicS - process control system**

**Gas de France, Paris, France, gas pipeline; sept. 96 - mai 97
configuration and start up H&B ContronicS - process control system**

**Uni - ENSPS, Strasbourg, France, robotics, fuzzy, control; june 97 - july 97
ANSI-C-programming, FuzzyTech, Matlab/Simulink**

**TICONA, Kelsterbach, industrial epoxies; aug. - sept. 97
configuration and start up H&B ContronicS - process control system**

**Uni - ENSPS, Strasbourg, France, robotics, fuzzy, control; okt. 97 - feb. 98
ANSI-C-programming, FuzzyTech, Matlab/Simulink**

**Dillinger Hütte, Dillingen, extrusion moulding plant; march - may 98
configuration and start up H&B ContronicS - process control system**

**LISCO, Misurata, Libya, steel mill; july - oct. 98
configuration, start up and training H&B ContronicS - process control system**

**HofmannLaRoche, Grenzach, vitamines; dez. 98 - jan. 99
configuration and start up H&B ContronicS - process control system**

**Hüls, Dinslaken, acrylacid; feb. 99 - may 99
configuration / graphics for Yokogawa CentumCS - process control system**

**AbuDabi Water - Complex, Massy / France, sea water desalination
juni 99 preparation typicals ABB Symphony - process control system**

**OMV, Wien, Austria, refinery; juli-oct. 99
configuration and start up H&B ContronicS - process control system**

**TEAS, Cayirhan, Turkey, brown coal-fired power station; nov. 1999
Expert opinion about the process control system Teleperm ME**

**DSM, Scholven, oleochemistry; feb. 2000
drawing of loops in Autocad for instrumentation PLS**

**Stora Enso, Langerbrugge, Belgium, paper mill, april-aug. 2000
Hands on projektmanagement und start up Parsytec quality system,
WindowsNT-Network based on IPCs with digital cameras**

Perlen Papier, Perlen, Switzerland, paper mill; sept.-okt. 2000
Hands on projektmanagement und start up Parsytec quality system,
WindowsNT-Network based on IPCs with digital cameras

AbitibiConsolidated, Jonquiere, Canada, paper mill; nov.-dez. 2000
Hands on projektmanagement und start up Parsytec quality system,
WindowsNT-Network based on IPCs with digital cameras

Arjo Wiggins, Dettingen, paper mill; jan. 2001
Hands on projektmanagement und start up Parsytec quality system,
WindowsNT-Network based on IPCs with digital cameras

UPM, Kaipola, Finnland, paper mill; feb-april 2001
Hands on projektmanagement und start up Parsytec quality system,
WindowsNT-Network based on IPCs with digital cameras

UPM, Tervasaari, Finnland, paper mill; mai-juli 2001
Hands on projektmanagement und start up Parsytec quality system,
WindowsNT-Network based on IPCs with digital cameras

Neusiedler Papier, Amstetten, Austria, paper mill; sept. 2001
Start up cross-section control breastbox, IPC with QNX

Schöller jr., Weissenborn, paper mill; oct. 2001
Start up cross-section control breastbox, IPC with QNX

Honeywell Mannheim, pharmaceutical production Böhlinger Ingelheim in Biberach; nov.-dez. 2001
Programming of the process control system (Plantscape) based on W2K-computers network, teamwork in a 20 persons projekt team

M-Real, Biberist, switzerland, paper mill; jan. 2002
Start up cross-section control breastbox, IPC with QNX

Scheufelen Papier, Oberlenningen, paper mill; march 2002
Consulting during the selection of a suitable OIS for the error recognition of paper production.

Tela Kimberley, switzerland, crêpe paper production; may 2002
Hands on projektmanagement und start up of Cognex quality system OIS.
Digital imageprocessing, linescan cameras, NT- network, PC and IPCs.

AMAG Ranzhofen, austria, Aluminium rolling mill; june 2002
Hands on projektmanagement und start up of Cognex quality system OIS.
Digital imageprocessing, linescan cameras, NT- network, PC and IPCs.

Feurstein Papier Traun, austria, cigaret paper mill; july 2002
Hands on projektmanagement und start up of Cognex quality system OIS.
Digital imageprocessing, linescan cameras, NT- network, PC and IPCs.

**Alcan Sierre, Switzerland, aluminium mill; August 2002
Hands on projektmanagement und start up of Cognex quality system OIS. Digital imageprocessing, linescan cameras, NT- network, PC and IPCs**

Rasselstein, Sheet steel treating-plant, Andernach; Nov. 2002; Hands on projektmanagement und start up of Cognex quality system OIS. Digital imageprocessing, linescan cameras, NT- network, PC and IPCs

Salzgitter, steel mill, Jan 2003 Hands on projektmanagement und start up of Cognex quality system OIS. Digital imageprocessing, linescan cameras, NT-network, PC and IPCs

Trial Kodak, Offset litho plates; Feb 2003; Hands on projektmanagement und start up of Cognex quality system OIS. Digital imageprocessing, linescan cameras, NT- network, PC and IPCs

BBA Corovin, Nonwooven, Peine; March 2003; Hands on projektmanagement und start up of Cognex quality system OIS. Digital imageprocessing, linescan cameras, NT- network, PC and IPCs

3M, Nonwooven, Kamen; March 2003; Hands on projektmanagement und start up of Cognex quality system OIS. Digital imageprocessing, linescan cameras, NT- network, PC and IPCs

China Steel, aluminium rolling, Taiwan; April 2003; Hands on projektmanagement und start up of Cognex quality system OIS. Digital imageprocessing, linescan cameras, NT- network, PC and IPCs

DaimlerChrysler, Foundry, Mettingen; April - June 2003; Hands on projektmanagement und start up of WinCC. Visualisation Gebäudelöschanlage; Umgebung: NT-Netzwerk, S7

Tonyi, Refine sheet steel, Taiwan; July – Aug. 2003; Hands on projektmanagement und start up of Cognex quality system OIS. Digital imageprocessing, linescan cameras, NT- network, PC and IPCs

Saint Gobain, Nonwooven, Tschechien; Oct. 2003; Hands on projektmanagement und start up of Cognex quality system OIS. Digital imageprocessing, linescan cameras, NT- network, PC and IPCs

Tredeggar, Plasticfilm, Shanghai; Nov. 2003; Hands on projektmanagement und start up of Cognex quality system OIS. Digital imageprocessing, linescan cameras, NT- network, PC and IPCs

PDM, Papier, Quimperle, France; Dec. 2003; Hands on projektmanagement und start up of Cognex quality system OIS. Digital imageprocessing, linescan cameras, NT- network, PC and IPCs

Tesalca, Nonwooven, Spain; Jan. 2004; Hands on projektmanagement und start up of Cognex quality system OIS. Digital imageprocessing, linescan cameras, NT- network, PC and IPCs

Papeleria DelOria, Papier, Spanien; feb. 2004; Hands on projektmanagement und start up of Honeywell quality system OIS. Digital imageprocessing, linescan cameras, NT- network, PC and IPCs

Expert opinion DrewsenPapier, paper mill; march 2004; Optimisation of control loops breastbox in Metso-PLS; based on Linux-network

MB-Paper, paper mill, Spain; april 2004, Hands on projektmanagement und start up of Honeywell quality system OIS. Digital imageprocessing, linescan cameras, NT- network, PC and IPCs

ArjoWiggins, paper mill, Dettingen, Mai 2004; Consulting during the selection of a suitable OIS for the error recognition of paper production.

Startup Stepp press with Siemens S7 and profibus for MüllerWeingarten. Startup and commissioning; juni-aug. 2004

ThaiPaper, Banpong,Thailand, aug. 2004; coated fine paper; Hands on projektmanagement und start up of Honeywell quality system OIS. Digital imageprocessing, linescan cameras, NT- network, PC and IPCs

ZF Saarbrücken sept.-nov. 2004. Startup Stepp press for gear parts with Siemens S7 and profibus. Startup and commissioning

Feurstein Papier, cigaret paper, Traun, Austria, nov 2004. Hands on projektmanagement und start up of Honeywell quality system OIS. Digital imageprocessing, linescan cameras, NT- network, PC and IPCs

FCC, Berne, USA, dec. 2004. Startup Stepp press for gear parts with Siemens S7 and profibus. Startup and commissioning

MondiSCP, Rozomberek, Slowakei, fine paper; jan. 2005. Hands on projektmanagement und start up of Honeywell quality system OIS. Digital imageprocessing, linescan cameras, NT- network, PC and IPCs

FAW-FCC, Changchun, China, jan-may 2005, Startup press line for cars with Siemens S7 and profibus. Startup and commissioning

ArjoWiggins, paper mill, Dettingen, may 2004, optimisation (marker prolongation) for the Web inspection system. Siemens Masterdrive

FAW-VW, Changchun, China, Juli 2005 – Jan 2006, Startup press line for cars with Siemens S7 and profibus. Startup and commissioning

STPC, Taian, China, march – july 2006, startup water storage power station with PCS7, profibus und S7H for VoithSiemensHydro. Startup and commissioning

Sappi Ehingen, paper mill, july 2006, commissioning PLC. Reconstruction S5 to PCS7, loop check

UPM Docelles, France, paper mill, aug. 2006, commissioning PLC. ABB Freelance, loop check and start up

Enguri, Georgia, sept.- okt. 2006, commissioning PLC. S7 with WinCC, start up of the waterpowerplant, first unit after recreation.

Dubai, UAE, Site supervision and commissioning of batch homogenization plant, aluminium, april 2007- july 2007
Startup lime kiln in TISCO with S7 and WinCC, Tangshan, China, sep.-okt. 2007.
Startup and supervision lime kiln in CSC, S7 and WinCC, Kaoshiung, Taiwan, nov. – jan. 2008.
Startup and supervision of firing control waste treatment AVE Wels, Metso and Möller PLC, fuzzy control, feb. 2008.
Startup and supervision of turbine and steamrail control, waste treatment, FWW Wien, S7 and WinCC PLC, fuzzy control, march – aug. 2008
Startup H2- und O2-plant, nickel open pit mining, Talvivaraa, Finland, PCS7-H, sept. 2008.
Startup screw compressor, refinery Athen, Griechenland, instrumentation, PCS7-H, oct. 2008.
Startup airseparation with steam turbine for coal gasification, DuoLun, China, PCS7, Triconex, Intouch, instrumentation, nov-jan 2009.
Startup productionline photovoltaik cells, Dresden, S7 and Tools, feb. 2009.
Startup CO compressor with steam turbine, AlJubail, SaudiArabien, Triconex, DeltaV, instrumentation, march-june 2009.
Installation and startup of various small solar thermal plants in Germany and Bosnien, july 2009
Graphics preparation BioEnergieKessel Lozère, Leobersdorf, Austria, WinCC august 2009
Graphics and configuration of Citect Scada, Demoprojekt, Vienna, sept. 2009
Graphics and startup of biomass combustion with long-distance heating, Tannheim, Austria, B&R Aproz, october 2009
Supervision control system construction, RWE, 2 mineral coal blocks 800MW, HammUentrop, Siemens T3000, dec. 2009 until ...

**Personnel responsibility while installing up to 25 man
Job volume between. 150 KEuro and 4500 KEuro.**

Active project management means: get the projects from the marketing,lead all meetings, to configure the plant and to build up these parts on site. To train the customer, to receive the takeover and to do the service.