

Saia-Burgess Controls - Success List 2010

01.03.2011

Country	Project name, location	Name of SI (+ event. End User / Planner)	Application	Type of products used (family, nr of CPU, nr I/O)	Other information, comments (communication, specialties, ...)
Austria	Diakonissen Hospital, Linz	Wolfinger	Building Automation - modernisation	7xPCD3, 700 DP	
Austria	Fernkälte Wien = District Cooling Vienna, SMZ Ost	Kiffe Regeltechnik GmbH, Fernwärme Wien	District cooling	PCD2.M480 Master + 6xPCD3.M5540 + VISI.Plus Large + Web, 600 DP	1x PCD2.M480 Master + 6x PCD3.M5540 + VISI.Plus Large +Web., Profi S-Net and Ethernet
Austria	Fernwärme Wien = District Heating Vienna	Kiffe Regeltechnik GmbH, Fernwärme Wien	Distict heating, transfer station automation	PCS1.C823/T814/T760, PCD7.D232, Web-Panel 5,7"	
Austria	Green Cube, Salzburg	LUF Controls	New Building - Building Automation	PCD3, 2500 DP	LUF has an Web-Portal solution for Energy Management
Austria	Hospital Rudolfstiftung, Vienna	GLT DDC Engineering	Building Automation - modernisation	PCD3.M5540	
Austria	Pisslinger, Wels	Cofely Gebäudetechnik	Building Automation	PCD3 + VISI.Plus Large, 900 DP	Energy Saving Contracting Project
Austria	Riverside Shoppingcenter, Vienna	RTR-Regeltechnik Riedel	Building Management System	8xPCD3 Compact + VISI.Plus Large, 1200 DP	
Austria	Sporthalle, Wörgl	GBH Gebäudesyst. Hölzl	Building Automation - modernisation	3x PCD2.M5540, 300 DP	LON project
Austria	Uniqa Modecenterstr., Vienna	Utner GesmbH	Building Automation - modernisation	PCD3 + VISI.Plus, 300 DP	
Austria	Water Power Plants, worldwide	Voith Hydro	Turbine contol for Water Power Plants	PCD3.M5540, PCD2.M5540. Webpanel	Voith Hydro a worldmarket leaders for Water Power Plant Automation. About 400 PCD are running worldwide.
Benelux	Albert Schweitzer Hospital, Dordrecht	Building Technology / K&R adviseurs	HVAC	PCD3.M5340, Visi.Plus	Renovation of existing Staefa cabinets to PCD3. With Visi.Plus. Framework contract continues in 2011 for in total 27 cabinets in Dordrecht location. Building Technology also the renovation of Zwijndrecht location.
Benelux	ASML Cleanrooms, Veldhoven	Cofely / Deerns	Cleanrooms and climate	11 pcs PCD3.M5340 + PCD7.L602 + PCD7.D410VTCF	Expansion of ASML plant
Benelux	Bosma & Bronkhorst, S-Energy Partner, various	Bosma & Bronkhorst	S-Energy	PCD7.D457ET7F, AWD3D5, ALE3D5, ALD1D5	Invested in a package comprising S-Energy Manager and 5 pieces of ALE3, AWD3 and ALD1 each S-Bus meters, and commitment to send minimum 2 engineers to technical workshop and salesmen to commercial workshop.
Benelux	Campingplace Schoorl	IHCS	Energy	29 pcs. ALD 1 SBUS + PCD3.M5 + SD-card	Energyregistration and billing. S-Web visualisation, S-Bus communication, historical datalogging on SD-card
Benelux	Flora Holland Flower auction , Naaldwijk	Regel Partners	S-Energy	7 pcs. AWD3 SBUS	Piilot Voltage-monitoring via S-bus to PCD3 and iFIX
Benelux	Funeral centre Monuta, Terneuzen	DKPS / MCS	HVAC	PCD3.M5 + SDflash + MB-panel	DDC-Suite engineered Web application with historical trending.
Benelux	Haga Hospital, The Hague	Regel Partners / Sweegers en de Bruijn	HVAC	PCD3.M5, 10 pcs. PCD1..M2120 BACnet PCD7.L6xx	First floor of 8 is delivered and commisioned in december 2010
Benelux	Heater/sun boiler, Veldhoven	A.O. Smith	HVAC / OEM	2 pcs. PCD3.M5, Flash	Make heating systems and sun boilers; new development for combination heater and sun boiler. Have chosen Saia for test, and maybe later pilots and OEM-version for series. Bought 2 pcs. PCD3 test system + SD-flash + PG5+WE-Adv. + Workshops
Benelux	Icy dip, various NL	Geerlofs	Ice bathing therapy / OEM	PCD3.M2130, PCD7.D457VTCF	Geerlofs (cool- and freeze stores; PCD3 with VISI+) developed the controls for the "Icy dip" (ice bathing therapy, e.g. for sportsmen (fast cooling down improves the recovery of muscles) www.icydip.com)
Benelux	Incinerator Baviro, Roosendaal	BAM	HVAC	Visi.Plus, PCD3.M5320, PCD7.	Supported by Y-con
Benelux	Incubators, Zeewolde	EMKA	Incubators / OEM	104 pcs. PCD1.M125ZAC, 6 pcs. PCD2.M5540	One site with 104 incubators, grouped in 8 compartments, linked via S-Bus to 6 PCD2.M5 which are linked via Ethernet to 2 Citect-stations

Benelux	Landstede School, Zwolle	Building Technology	HVAC	800 I/O over 4 PCD3.M5340 + 26 PCD7.L603 + Visi.Plus	
Benelux	MSD, Oss	Bouwhuis/MSD	S-Energy	PCD7.D457ET7F, AWD3D5	MSD (big pharmaceutical company) decided to buy S-Energy Manager and S-bus meters for a pilot; wanted easy system, but with interface to Siemens PCX.
Benelux	Nuon Warmte, Sun Island	Liandon	7000m2 solar collector, additional feed city heating	PCD3.M5540, Flash, Web-HMI	Liandon, former project department of Nuon Warmte (city heating), still work for Nuon Warmte; project management for Sun Island in Almere (http://www.nuon.com/nl/het-bedrijf/innovatieve-projecten/zoneiland.jsp).
Benelux	Nuon Warmte, WKO	Building Technology	Ground heat and cold storage	PCD3.M5, PCD7.D410VTCF	Other department of Nuon Warmte, develop ground heat cold storage sites. Considered Priva, but during presentation we convinced them there are more advantages with Saia.
Benelux	Paques, Balk	Koster	S-Energy	PCD7.D457ET7F, AWD3D5, ALE3D5	Paques (purification systems for water, gases and air, using biotechnology) first wanted to use Siemens solution for energy monitoring, but could be persuaded to use S-Energy; Energy Manager + 7 S-bus meters SI Koster will make control cabinets.
Benelux	Photonis, Roden	Photonis	S-Energy	PCD7.D457ET7F, AWD3D5, PCD2.M5, H104S	Photonis (manufacturer of photo sensor technology, like NightVision opto-electronic technology); ordered combination of Energy Manager with S-Bus kWh-meters and PCD2 with H104S for water and gas meters; will do implementation their selves.
Benelux	Pumping stations, Leiden	Actemium C&E / Rijnland Water Authority	Pumping stations for managing polder water level / OEM	PCD3.M5340, Flash, .NET-Suite	Actemium received order to implement Saia.NET in SCADA (BOSBO water management) from Rijnland. Bought a PCD3.M5 test system + .NET-Suite. Potentially >300 stations (old and new) need to be refurbished.
Benelux	Salvation Army, Utrecht	IHCS	HVAC	PCD3.M5340 , 20 pieces PCD7.L793	Renovation of offices. Visualisation with S-Web
Benelux	School Zaltbommel	Y-con / WHR	HVAC	2 PCD3.M5340 + PCD7.D457STCF	Dutch governmental program for fresh air on schools providing budget for renovation.
Benelux	Seats and Sofas store	Hevac Controls	HVAC	PCD1.M2120	Revovation of HVAC in 45 stores is planned. Link to Delta B-OWS
Benelux	Ternet, S-Energy Partner, various	Ternet	S-Energy	PCD7.D457ET7F, AWD3D5, ALE3D5, ALD1D5	Invested in a package comprising S-Energy Manager and 5 pieces of ALE3, AWD3 and ALD1 each S-Bus meters, and commitment to send minimum 2 engineers to technical workshop and salesmen to commercial workshop.
Benelux	Tobacco plant, China	Ternet	Air treatment (odour)	11 pcs. PCD3.M5, PCD7.D457VTCF	Project in China via partner; air treatment (odour) system, 11 units tobacco plant.
Benelux	VMW, Flanders	Ferranti	Waterdistribution	16 pcs PCD3.M6540	Communication PCD3 substations with IEC 60870-5-104 to RTAP Scada
China	BaoAn MaoZhouHe Sewage Treatment Plant, GuangDong	XiXiang BaoAn district ShenZhen city Great Build Gravity Electronic Instrument factory	Sewage treatment		
China	DaLian HaiChuang building BA system, DaLian	Saia-Burgess North DaLian Technology Ltd	BA systems		
China	Dalian software park at Huangnichuan project, DaLian	DaLian JinGuanLin Technology Ltd	Lighting		
China	GuangDong railway transfer Centra building air-condition mainframe energy save, GuangDong	ShenZhen ZhuoKong Intelligent Technology Ltd	Energy save		
China	GuangXu Power Plant Air-Condition Controls, GuangZhou	ShenZhen city HuiPengXing Controls System Ltd	Air-Condition Controls		

China	Guangzhou centers for disease control and prevention experiment control system, GuangZhou	GuangZhou HuaYuan Electrical Equipment Ltd	BA system		
China	HuiDeFeng ShangHai square BMS, ShangHai	Johnson Controls	BA systems		
China	Hyosung T3 310842, ShenZhen	AESA Air Engineering Ltd China	BA system		
China	JiangShu ChuangZhou air compressor equipment monitoring, JiangShu	Saia-burgess North DaLian Technology Ltd	Air compressor equipment monitoring		
China	LanHai Golf, ShangHai	ShangHai FuChen Trading Ltd	BA systems		
China	Imsen Ship factory, ShangHai	Wilhelmsen Ships Equipment	Ship application		
China	Maternal and child care service centre, NingBo	HangZhou AiDun System Program Ltd	BA systems		
China	MeiLuo Pharmaceutical Factory, DaLian	North Software Technology DaLian Ltd	Air-condition monitoring equipment		
China	NinBo YaoJianSuo, NinBo	ShangHai BeiYou Experimental Equipment	Building Controls		
China	NingBo shanshan Group, NingBo	HangZhou AiDun System Program Ltd	BA systems		
China	Printing machinery equipment, ShangHai	ShangHai QiaoWei Electromechanical Equipment Ltd	BA systems		
China	ShangHang MingSheng Banking, ShangHai	ShangHai XieCheng Technologu Limited Liability Company	BA systems		
China	Shenzhen development bank dalian branch room monitor project, DaLian	DaLian FuDa Electronic Ltd	machine room monitoring		
China	ShouChang Hotel, HangZhou	HangZhou AiDun System Program Ltd	BA systems		
China	Spring Chemical industry, GuangSuJinChang	Xian YuanXin automation engineering Co., LTD	Calcium carbide furnace controls		
China	Sugar Processing GuangXi, GuangXi	ZhuangDa Controls Technology GuangXi Ltd	Sugar bowl controls		
China	Taiping financial, ShangHai	Johnson Controls	BA systems		
China	The new campus of University of technology DaLian institute of Chemical BAS systems program debugging technology service, DaLian	Polytechnic DaLian Ltd	BAS systems program debugging technology service		
China	WeiZhou Education Building, WeiZhou	ShangHai ChenShi Controls Ltd	BA systems		
China	Wuhu fang's joy to the world, AnHui	Shenzhen new light energy saving technology Co., LTD	BA system		
China	Wuxi mountainside no.1 85 number villas, WuXi	ShangHai JinSheng Clothing Ltd	BA systems		
China	YueHai village Hotel, GuangDong	GuangZhou City Design institute engineering construction an overall contract company	Energy save		
China	YueYang ShangHai square, ShangHai	Johnson Controls	BA systems		
China	ZhangJiaKou QiaoDongQu district Central Heating PLC Autocontrol, HeBei	ZhangJiaKou QiaoDong district heating Ltd Liability Company	Central Heating		
Czech Rep	Dam Slezska Harta, Slezska Harta	Invelt	Replacement of the previous installed control system Saia PCD4 by PCD2	PCD2, 7x PLC1, 830 I/Os	Intouch
Czech Rep	E.ON Hydropower plant Vir 1, Vir 1	Invelt	Reconstruction of the control system fo a Francis turbine 6,5 MW	PCD2, 1x PLC1, 310 I/Os	
Czech Rep	Ecologic family house, Pisek	Escad	Control and monitoring of the energy consumption	PCD3, 1x PLC1, 80 I/Os	

Czech Rep	Elementary Schools Prague, Prague	Wacom	Schoolhouse heating, swimming pool technology, greenhouse control	PCD3, PCD1, 8x PLC1, 800 I/Os	
Czech Rep	Faculty hospital Plzen, Plzen	Kappenberger+Braun	Control of 10 aircondition units and heat exchanger	PCD2, 7x PLC1, 680 I/Os	Control Web
Czech Rep	Faculty hospital Plzen, Plzen	Omega Elektro	Control of 3 aircondition units	PCD2, 4x PLC1, 220 I/Os	Control Web
Czech Rep	Faculty Thomayer hospital Prague, Prague	Escad	Aircondition units and medical gases distribution	PCD3, 2x PLC1, 200 I/Os	Intouch
Czech Rep	Heating plant Dvur Kralove, Dvur Kralove	Martia	Control of 24 local heat exchangers distributed in the town	PCD2, PCD1, 24x PLC1, 960 I/Os	
Czech Rep	IKEM - Institute of Clinical and Experimental Medicine, Prague	Escad	Aircondition units for clean rooms, fancoil units, medical gases distribution and steam production source	PCD2, PCD3, 12x PLC1, 1100 I/Os	Intouch
Czech Rep	Masaryk University Brno, Brno	Elma MaR Trade	Aircondition and heating for administration buildings, greenhouse heating, outside lighting control and energy control	PCD2, PCS1, 3x PLC1, 850 I/Os	
Czech Rep	METAZ Tynec nad Sazavou, Tynec nad Sazavou	Atria	Control of the machine for aluminium castings production	PCD3, 1x PLC1, 120 I/Os	
Czech Rep	Prague city museum, Prague	Atria	Control of aircondition unit	PCD2, 1x PLC1, 120 I/Os	
Czech Rep	Prague historical town hall Novomestska, Prague	Atria	Control of gas boiler and aircondition units	PCD3, PCS1, 3x PLC1, 980 I/Os	
Czech Rep	Preciosa Turnov, Turnov	Martia	2 x factory gas boilers control	PCD3, 2x PLC1, 180 I/Os	
Czech Rep	University Campus Brno, Brno	Elma MaR Trade	Aircondition and heating for administration building, lecture rooms, outside lighting control and energy control	PCD2, 13x PLC1, 1085 I/Os	
Finland	BACNET Interface	Teknoware	Security Luminaires	19 x PCD3.M3120	Interface for Trend and Honeywell
Finland	Cooling	Johnson Control	Warehouse	4 x PCD3.M6540	
Finland	Heating Powerplant	ISS / Ko Tulostekniikka	Districtheating and electricity	6 x PCD3.M6540	with GSD SCADA System
Finland	HEAVC	Jomatik / Rauma	Museum	5 x PCD3.M3330	with GSD SCADA System
Finland	Press machine	Tavast-Data/Vakomet	Hydraulic press	10 x PCD3.M3330	with PCD7.D410VTCF and PCD7.D457VTCF
Finland	Pump Stations in Saarenmaa Estonia	ABB Estonia	Waste and water Treatment	27 x PCD3.M3120	GPRS, L2TP Protocol, Aspic SCADA
Finland	Ship Application	Autrosave/Wärtsilä	Wireless gearbox Control	7 x PCD2.M170	pressure an temp.Control
France	BOH3 CH Toulouse	Verdone	Heavac Management	5*PCD3.M, 5*MB,	Bacnet with PCVue 32 and Server Web with MB
France	BULL	CEGELEC	Chiller Management	2*PCD3.M	S-Bus
France	CH Privé le Havre	Axima	Heavac Management	8*PCD3, 21 PCD2.M150, 4*PCD, 4*PCD1.M135, 80*IO	OPC Saia, ModBus, PCVue32
France	Clinique Olonnes sur Mer	Atys Concept	Heavac & Electrical management	9*PCD2.M5, 7*PCD1.M1, 6*PCD3.M3, 2*PCS1	S-Bus, OPC
France	CRCA	Bordet	Heavac Management	500* PCD7.L6, 4*PCS1.C8xx	LON, Room Controler, Heavac Management, communication LON With SIEMENS Supervisor
France	Data Center EDF	Axima	Heavac Management	15*PCD2.M5540	ModBus with 70 compact unit aircooler Stulz and water counter
France	Hematho / Lyon	Roiret Transports / CHU de Lyon	Haevac Management	PCD3.M5, PCD3.T76, PCD7.L6, PCD7.D4, 1500 I/O	Modbus TCP
France	Le Grand Lyon / Lyon	Erec Technologies / Le Grand	Electric Management	PCD3.M3, 800 I/O	Modbus TCP
France	Musée des Beaux Arts / Lyon	Indea / Ville de Lyon	Electric Management	PCD3.M3, PCD3.T76, 2500 I/O	Modbus TCP
France	Patinoire d'Annecy / Annecy	Indea / Ville d'Annecy	Haevac Management	PCD3, 500 I/O	
France	Quai Le Gallo / Paris	Carrier Distribution	Haevac Management	PCD3.M5, PCS1, 350 I/O	Ether-S-Bus
France	Sanofi ULC / Montpellier	Thermi Automation / Sanofi Montpellier	Haevac Management	PCD3.M5, PCD3.R6, AWD3, PCD7.D4, 1000 I/O	Modbus TCP
France	Stade du Mans	Garczynski Traploir	Electrical Management	7*PCD3.M5, PWS	Web, IT, SD, PWS
France	Stérilisation CHU Toulouse	Forclum	Heavac Management	1*PCD3.M5, 8*PCD3.M3	Bacnet with PCVue 32 and Server Web with MB
France	Tour C1 / Paris	Carrier Distribution	Haevac Management	PCD3, PCS1, PCD7.L1/2/3/4, 2000 I/O	IP Lon
Hong Kong	Redevelopment at 84-86 Tai Kok Tsui Road, Tai Kok Tsui, Hong Kong	BaoHua Project	BA System		

Italy	Bio gas generator plants	Bluenergy	Builder of Biogas plants and other applications related to removable energy and energy efficiency	PCD1.M2, E-meter	First application made with PCD1, using IT functionalities for remote controlling via Web. Energy meter is also mounted in. Rference on Youtube
Italy	Casa Clima high efficiency houses	Zantedeschi	Freelance SI Applications of high efficiency houses and solar plants. HMI applications with Flash and iPad/iPod apps	PCD3 / PCD2.M5	Youtube: several videos – tag: MrZantedeschi. Reference Installer: Youtube: SMgussoni, Sguardini; www.guardini.it (IT)
Italy	Ceramic machines - Modena	Arte Nuova	The development of a new sorting machine started with Saia PCD.	PCD2/3	System integrator for industrial application; part of the Symbol united Group: OEM of ceramic machines
Italy	CERN Geneve	Dimensione S.p.A. / S.A.R.	HVAC application in the central cantine. Dimensione is the GI of the project; SAR is the qualified Saia SI that developed and installed the application	PCD3	Dimensione is a large SI for BA and facilities, mainly user of Simatic. Other opportunities are open. Web pages of the PCD3 webserver application are available
Italy	Co-generation plants	ATR	Air treatment plants for shopping malls and cogeneration plants.	PCD3	They are importer of Thereco. PCD3 is used as data logger and supervisor of Thereco systems connected via ModBus
Italy	Factory of marine engines builder Isotta Fraschini	De Palma	the climate control of test room of Isotta Fraschini (marine engines) where 11 new PCD1 are installed.	PCD1.M2	Reseller who has a strong agreement with Danfoss. He's starting proposing Saia PCD in his regional market with the help of an engineer who knows very well HVAC applications and Saia PCD. Reference in preparation
Italy	FAIT Aeraulica	OEM builder of Air Treatment Units		PCD3 + WP	Competitor for low level applications:Pisys. For high level apps. They are using full IT functionality of our systems
Italy	Fresh cheese production plant. Mantova	Bustaffa	Rewamping of the whole prduction automation without stopping the production.	PCD3	End user with a huge installed quantity of PCDs (PCD2/4/6). All production plants are atomized with Saia PCD. Last year was commissioned the replacement off all main PCD6 automation structure with new PCD3.M5. All this was made without stopping the production! Installing the PCD3s in parallel to the exisiting PCD6 and switching-off the PCD6 gradually with the PCD3s already working. Most of user programs were saved and translated on the PCD3s. Qualified SI Artika made the project with our direct support. High POM value in industrial context
Italy	Girtech	Software house. First applications for photovoltaic plants: energy remote monitoring		PCD1, PCD7.H104 + E-meters	
Italy	Hydro electric gneration	Prisma Impianti	Telecontrolling of the generation plant with web server and web panel Saia technology	PCD3, WP	Industrial system integrator for industrial plants, mainly Simatic S5 and GE user. Started with a project with PCD (end-customer requirement for a hydroelectric generation), they are now developing the 4th one for different customers and applications, using Web and IT functions
Italy	ICEA	Renovation of electric plant and air treatment unit in a shopping mall of the Auchan's chain (Sassari).		PCD2.M5	Waiting for material (photos and videos from the customer
Italy	ISAT	SI for BA hotels and domotic. Forst application made with PCD3, using fully Web and IT fuctionality		PCD3, E-meters	

Italy	IVECO (Suzzara factory)	Artika, ECM	Lean energy management system: PCD3 + RIOs for light management. S-Energy-loggers (5) + PCD1 / PCD3 + E-meters for Energy data collecting. Very interesting project won thanks openness and high scalability and flexibility of our technical offer.	PCD3, PCD1, Energy logger, E-meters	The project was discussed directly with energy manager of the factory. Scalability and flexibility of our proposal was the winning key. Youtube and PPT in preparation
Italy	Leroy Merlin Headquarter (Milano)	Itecno	Energy control for data centers. Special execution of a 19" rack with a PCD2.M5 inside.	PCD1, PCD3.T665	DIM module. 19" rack with inside a PCD2.M5540 for data center control. The winning features are the IT capabilities of our systems (Web Server, File systems, E-Mail, Trend/Alarms, SNMP, SNTP) and the high number of communication interfaces. The customer started also using our energy meters. Youtube ref. in preparation. Sample of 19" rack PCD2 given to SBC Murten. On-line PCDweb-server demo: IP=79.5.197.29 (psw:itecno_2010)
Italy	Marble working machines	Pedrini/Nicoli	OEM marble/stones working machines. Introduced the MB 10,4" as std HMI for machines.	PCD2 and MB	It is an example of real use in serie machines of MB and Webserver functionality. Reference on Youtube: smgussoni Pedrini
Italy	MEF (Italian Economy&Finance Ministry)	Itecno	Energy control for data centers. Special execution of a 19" rack with a PCD2.M5 inside.	PCD1, PCD3.T665	DIM module. 19" rack with inside a PCD2.M5540 for data center control. The winning features are the IT capabilities of our systems (Web Server, File systems, E-Mail, Trend/Alarms, SNMP, SNTP) and the high number of communication interfaces. The customer started also using our energy meters. Youtube ref. in preparation. Sample of 19" rack PCD2 given to SBC Murten. On-line PCDweb-server demo: IP=79.5.197.29 (psw:itecno_2010)
Italy	Terna (Electric Energy transport provider)	Itecno	Energy control for data centers. Special execution of a 19" rack with a PCD2.M5 inside.	PCD1, PCD3.T665	DIM module. 19" rack with inside a PCD2.M5540 for data center control. The winning features are the IT capabilities of our systems (Web Server, File systems, E-Mail, Trend/Alarms, SNMP, SNTP) and the high number of communication interfaces. The customer started also using our energy meters. Youtube ref. in preparation. Sample of 19" rack PCD2 given to SBC Murten. On-line PCDweb-server demo: IP=79.5.197.29 (psw:itecno_2010)
Italy	Water distribution plants	De Zotti	Installer/maintenance of Water distribution plants	PCD1 + HMI	
Italy	Water pump stations	Cimoter/Trolese	Building constructor, and infrastructure general contractor. Water pump stations with PCD + HMI	PCD1 + HMI	
Italy	Wind turbines	Tozzi Nord	Wind Turbines. The customer bought the software and engineering from Aventa that based his application on PCD2.M150.	PCD2	We got the first frame order of 100 systems last summer. Tozzi made some improvement but he's facing with the limit of the hardware, so we're studying together the new hardware configuration, based on new generation of cpus PCD1/3.
Italy	Wine production and stocking plant.	Casella	Application made in a wine production and stocking plant.	PCD3, E-manager, E-meters	SI for BA and automation plants. Integrator of TAC but changing to Saia where they will be free to do. They made also a first application with E-manager + E-meters for shopping mall
Norway	Brunvoll	Thruster Control	Starter Cabinet	PCD3.M3120Z05/PCD3.T665/6.50 IO	Competition from Omron. Big potentials in Future, convert from PCD3.M3120Z05 when PCD3.T66x is official
Norway	FAN Optimizer	BS Teknisk AS	Belimo MP Bus VAV interface	PCD3.M3020 with PCD3.F281(60 PCD3/108 PCD7.F281)	All units delivered, engineering starts February 2011(Done by MWA)
Norway	Fuel Measurement System	Vimex	Fuel Measurement System	PCD3/ WebPanel- Web IT.100 IO	3 application delivered 2010
Norway	Fuel Supervision(off shore)	Imenco AS	Fuel Tank Automation	PCD3:5/WebPanels.400 IO	New customer. Interesting potential

Norway	General Alarm System on Ships	AS Elektriske	Cargo supervision on Ships	PCD3:5/WebPanels.200 IO	New customer. Renewal of oldfashioned alarm system for cargo control.
Norway	Railheating System	MWA	Rail Heating Systems	PCD2.M5540/Web Panels.500 IO	15 cabinets delivered in 2010
Norway	Road Tunnel (Ulstein elektro)	Ulstein Power	Road Tunnell	PCD3.M5 with PCD3.T66x.1500 IO	Used Omron before. PCD3 with T66x the new standard
Norway	Ship HVAC	Aeron	Ventilation in Ships	PCD3.M3xxx/WebPanel .100 IO	Competition from Siemesn. Success factor: Web IT/HVAC library
Norway	Vigeland-museum	Stillesby ventilation	ventilation/roomcontrol Museum	PCD3.M5/WebPanels.300 IO	Roomcontrol in Museum in Oslo.Won against Johnson Control.
Poland	Aqua Park, Recreation Center / Zyrardow	LTSC	Electrical energy and water consumption reading, Building AHU controls and monitoring via LON, Swimming pool AHU monitoring, Swimming Pool System monitoring via Profibus	PCD3 + PCD2	SAIA Web/IT technology used, Modbus RTU for Menerga AHU, Profibus for Siemens Swimming Pool system, LON for VTS Clima AHU, web based HMI application, GSM SMS alarming, local web based access via company intranet
Poland	Automatics Laboratory at Technical University, Gdansk	SI:-; EU:TU		4xPCD1.M2xx, 2xPCD3.M2330; 2xPCD7.D457SMCF IO:120	AS, Ether S-Bus, Modbus
Poland	BMS, SPA Resort	SI: Steuer EU: unknown	monitoring AHU (x4), roomcontrolers (x40), power supply - net analyzers x(4)	PCD3.M5540 x1	AS (www, data loging to CSV, 4xRS.... Modbus RTU Line, alarming)
Poland	C.H.Pasaz Lodzki/ Lodz, PL	SABUR/ APSYS FM	Electrical energy and water consumption reading, monitoring and billing system for shop mall of 38000 sqm, 4 Mio visitors per year	PCD3.M3120SCcard + 40H104S+ 60ALE3 +16AWD3	web/IT used, SD card, web based HMI application, iremote access to data via FTP, loal PC, remote access via company intranet in headquarters in Warsaw, first of several location around Poland (4-5 insatllation per year)
Poland	Data Center / Warsaw	LTSC	Monitoring of data center installations	PCD3 Compact	SAIA Web/IT technology used, Modbus RTU for Power Meter, web based HMI application, GSM SMS alarming, local web based access via company intranet
Poland	Data Center / Wroclaw	LTSC	Monitoring of data center installations	PCD3	SAIA Web/IT technology used, Modbus RTU for Stulz Clima (5pcs), web based HMI application, GSM SMS alarming, local web based access via company intranet
Poland	flotation machines for copper mine, Rudna	Biap, KGHM ZWR Rudna	Control of the flotation machines	PCD2.M150, 12 x CPU	Ethernet for SCADA System
Poland	heating chamber in SPEC Warszawa	OLE	heating chamber	PCD3.M5340	
Poland	Heating chambers at PEC (Gdansk, Stargard)	SI:diff; EU: GPEC	heating system, telemetry, water heating controllers	100x PCS1.C8xx	Modbus, heat meters via M-BUS
Poland	Heating substations at PEC Dabrowa Gornicza	SI: WKM; EU: PEC Dabrowa Gornicza	heating system, telemetry,	60 x PCD1.M135, I/O 2400	S-BUS
Poland	Heating substations at PEC Katowice	SI: PEC Katowice; EU: PEC Katowice	heating system, telemetry,	28xPCS1.C823	S-BUS
Poland	HVAC modernization in Hospital in Rzeszow	SI: ECO-INSTAL; EU: Hospital in Rzeszow	HVAC	1xPCD3.M3230, 1xPCD3.M5540, I/O 170	Modbus TCP/IP, S-Bus
Poland	Modernization of industrial installations in FABIOS factory	SI: BMK; EU: FABIOS	Modernization of industrial driers in collagen casings factory	6xPCD2.M5540, I/O 250	Ether-S-Net, Modbus TCP/IP
Poland	Modernization of the heat-only boiler station WR25	SI: ECO Serwis; EU: PEC Kety	Control and monitoring of the heat boiler	1xPCD3.M3230, 2xPCD3.M5440, I/O 150	S-BUS
Poland	Modernization of water purfication in Warsaw Water Treatment	SI: Semako; EU: Wodociagi Warszawskie	Control and monitoring of the drinking water purfication	2xPCD3.M5540, I/O 370	Modbus TCP/IP
Poland	modernization the heating system at the hospital, Pila	Envirotech, Hospital Pila	construction of a biomass-fired water boiler, gas boiler construction, construction of a solar installation	PCD3, CPU x 10	no Automation Server used, comunication via Ethernet
Poland	Monitoring of power supply, airport - military area	SI:ZEUS, EU:air force	monitoring of electricity network parameters and the power circuit breake'rs state control	PCD2.M5540x1, IO:160	Modbus RTU, Ether S-Bus

Poland	N21 Office Building / Warszawa	LTSC	Electrical energy and water consumption reading, monitoring and billing system for office building, lighting controls system, AHU monitoring, technical installation monitoring	PCD3+H104	SAIA Web/IT technology used, SD card for CSV, web based HMI application, remote access to data via FTP, local PC,
Poland	Natural gas odorants	SI: GZOG; EU: PGNiG	Control and monitoring of natural gas odorants installations. Odorization with THT (Tetrahydrothiophene) Prototype, chance to repetition work	1xPCD3.M2130V6 1xPCD7.D457VMCF	GazModem2 driver via RS485, GPRS
Poland	New installation: water overflow at reservoir: ZW Swinna Poreba	SI: Introl; EU: RZGW Kraków	Control and monitoring of the water overflow system at new reservoir	2xPCD3.M5540, I/O 500	Ether-S-Net, Modbus TCP/IP
Poland	pumping station in Wrocław	M&M Automatyka Przemysłowa Łąck	Water pump and distribution automatization	PCD3.M6540, 60 I/O	ethernet
Poland	Telemetry and heating chambers controllers, EPEC	SI: EPEC; EU: EPEC	Heating chambers with telemetry	PCD3.M5540 x 1, number of I/O: 40	S-Bus, M-Bus, AS, Profibus DP.
Poland	ups system for PKiN in Warszawa	Ertom/SABUR	modernisation of UPS syetm	PCD3.M5440, PCD2.M170, 150 I/O	
Poland	water treatment plant, Wroblewo	Metrolog, UG Wroblewo	Control of the water treatment plant	PCD2.M150, PCD7.D5100TL010	Automation Server by PCD7.D5100TL010 for PCD2.M150
Poland	Water turbine regulators - OEM, IEN Gdańsk	SI:IEN; EU: diff	control systems for water energy powerplants	6xPCD1.M150, 2xPCD2.M480, 2xPCD3.M3030, IO:1000	Modbus, S-Bus, Ethernet
Schweiz	Aqua Basilea	Irel AG	Building Automation (Airconditioning in hotel and swimming pool	PCD3 .M5440 / 10" Web Panel S-Bus RIO / Visi-Plus	Marriot Hotel without any room automation!! Central climatisation of the general part of the hotel with Saia material.
Schweiz	Armasuisse Mels, Luzisteig und Walenstadt	Sigren Engineering AG	HLK	20 PCD3	BAC net Communication
Schweiz	Basler Kantonalbank	Bretscher & Söhne AG	HLK and Room Automation	35 PCD3	about 3000DP, LON, M-Bus, MP Bus, EIB, DALI, Modbus
Schweiz	Fernwärme Basel Stadt	Inhouse Control AG	Distict heating, transfer station automation	32 Stk. PCD3.M5540 30 Stk. WEB-Panel 5,7 + 10" ca. 2500 DP	With manual override modules of PCD3 Energie consumption management with SC-Flash modules
Schweiz	Generali Versicherung	Viscom Engineering AG	HLK and Room Automation	21xPCD3 HLK, 20 PCD3 Room Automation	SCADA PVSSII, about 7000DP
Schweiz	Spital Herisau	Asenta AG	HLK	12 PCD3,	about 1300 DP
Schweiz	Zürcher Zoo	Sigren Engineering AG/ Hiltag AG	HLK	35 PCD3	about 3000DP BACnet Communication
Schweiz	Chauffage à distance de Meyrin , near Geneva	Services Indsutriles de Genève	Building	13 x PCD3.M5340 + PCD7.D457VTCF , 400 DP	
Schweiz	Genève-Lac-Nations, Geneva	Services Indsutriles de Genève	Building	8 x PCD3.M5340	refroidissement / chauffage avec l'eau du lac de Genève
Schweiz	Messe Luzern	Irel AG	Building Automation with DALI integration	PCD3 / eXP Web-Panel with inwall kit. / DALI interfaces	reference object in our reference stories.
Schweiz	Pilatus Kulm - Hotel und Seminar-Räume	Irel AG	Building Automatin with room controller	PCD3 / WEB-Panels / Room controller L6xx	in preparation to become a reference object and visitig object with our VIP customers
Schweiz	Poste le Vaux, near Geneva	Infoteam SA , Romande Energie	Energy	28 x PCD3.3120 , 1 x PCD3.M5540	
Schweiz	Retrofit Sauuqenil - Step de Roche, near de Montreux	Esatech SA, SIGE Vevey	Water Treatment	1 5 x PCD3.M5540 1 x PCD7.D457VTCF , > 2000 DP	250 x print adpator I/O PCD4 / PCD3 f
Slovenia	A-banka, Ljubljana	LHT d.o.o.	Recontruction the Cooling system	PCD2.M5540, 286 I/O	Old PCD2.M.. serie was replacment by PCD2.M5540
Slovenia	Biomass Heating Plant, Lovrenc na Pohorju	Datapan	Boiler Control and monitoring heating system	PCD3.M5340+ ext. gsm modem, 42 I/O	PCD conected to SCADA via Modbus, M-bus for mesuring devices, SMS for alarming
Slovenia	Castle Kieselstain, Kranj	CSI	Lights and scenas in	PCD3.M5340+ Win CE panel, 352 I/O	WEB visualisation + Ethernet RIO
Slovenia	Garage in Shoping centrum Planet Tus, Koper	CSI	Time statistics of cars	PCD1.M2120	WEB visualisation, auto. gen. CSV files of cars statistics
Slovenia	Hotel Groups, Portorose	Avtoma d.o.o.	Lights and HVAC	PCD3.M33..+PCD3.R600, 1460 I/O	KNX gateway -->WEB visualisation in the reception of lights and HVAC of hotel rooms
Slovenia	Mitol, Sezana	LHT d.o.o.	Cooling unit (system)	new PCD1.M2210 + PCD7.D230, 44 I/O	

Slovenia	Norkring d.o.o., Transmitters throughout the country	CSI	Mixing air chamber of the transmitter	PCD3-COMACT	8x air mixing chamber of Multiplex B- transmitters (digital TV wirelees network), WEB visualisation and using SNMP
Slovenia	Pastoralni center Ljubljana	CSI	Building HVAC	PCD3.M5340+ PCD7.R581	WEB visualisation, Replacment old PLC - "TREND" with SBC, - 1x IP Lonworks
Slovenia	PHO Kras, Sezana	Bossplast	Chiller	1xPCD1.M135 + PCD7.F800	PCD1 is gateway from Modbus to IPLonworks (FTT10)
Slovenia	Slaughterhouse, Škofja Loka	LHT d.o.o.	Recontruction the Cooling system	PCD2.M5540, 320 I/O	Old PCD2.M.. serie was replacment by PCD2.M5540
Slovenia	Stadium "Ljudski vrt", Maribor	Bossplast	4x climate systems and 1x heating station	4xPCD1.M2120+PCD7.D230+ PCD2.M5540+ VISIPLUS, 288 I/O	VISIPLUS. 4x Modbus (8 Frequency converters), 4x MP-bus (Valves and blinds)
Slovenia	Tina d.o.o., Komenda	CSI	Building and Factory, HVAC	2xPCD3.M5340+W in CE panel + 22 x room controller, 134 I/O	WEB visualisation. 1 x Modbus (2 Frequency converters), 1 x S-bus (22 Room controllers), 3 x MP-bus (Valves and zalusie)
Slovenia	Tina d.o.o., Komenda	CSI	Mashine for senf production	PCD3.M5340+W in CE panel, 92 I/O	WEB visualisation
Spain	Control of experimental generation system.Valladolid	Cartif	Ethernet / LonWorks gateway in energy generation system	PCD2.M170 + F800 + F655, 32 I/O	
Spain	Hydraulic power generation. Aragón	Iberica de Energías	Control and supervision of electric power generation plant	2 x PCD3.M5540, 170 I/O + OPC	
Spain	Hydraulic power generation. Aragón	Electro Metalúrgica del Ebro	Control and supervision of electric power generation plant	PCD3.M5540, 200 I/O	
Spain	Laboratorio Gelos. Barcelona	Anastasio Tudela, S.A.	Building Control	PCD3.M3330 + PCD3.M5540, 120 I/O	
Spain	Mobile registration equipments. Bilbao	Electrónica Lux, S.L.	Registration of production-batch data	6 x PCD3.M3230, 50 I/O, R010	
Spain	Production control. San Sebastián	Foseco	Production line control	PCD3.M5440, 90 I/O	
Sweden	Experium in Sälen (Lindvallen)	YIT Sverige AB	Building Automation	PCD3.M5, 5 CPU, 900 I/O	Controlling of Pool-area, Cinema & Restaurants SCADA system Citect
Sweden	Karlstad Hospital, Karlstad	Partor AB	Heating pump application	PCD3.M5, 5 CPU, 300 I/O	Controlling heatpumps for the Hospital, VisiPlus as Scada system, WEB access
Sweden	OEM, Belach	Belach Bioteknik	2-3 liter bioreactor for laboratory	PCD3.M2120, 1 CPU, 10 I/O	Controlling a bio reactor 2-3 liter Web application
Sweden	Pixne (Finland), Pump station	OSG	Water pump station, alarming	PCD3.M2120, 1 CPU, 20 I/O	Ethernet communication, modbus RS485 Master and Ethernet slave, iFIX Scada system
Sweden	SHT, Norrköping	YIT Sverige AB	Building automation, Energy project	PCD3, PCS, 15 systems, 500	P-BUS Gateways and normal I/O modules, Energy project (saving energy in a factory)