

Communication Protocols PcVue 9.0



www.pcvuesolutions.com

| | | | | |
|----------|--------------------|----------|------------------|--|
| S | Serial port | A | APPLICOM board | DRIVER VERSION |
| E | ETHERNET board | O | OPC Server | Native - Integrated in PcVue |
| M | Manufacturer board | H | Hilscher adapter | Special - Additional license required |

| MANUFACTURER | PROTOCOL/EQUIPMENT | INTERFACE | REQUIREMENT | DRIVER VERSION |
|---------------------|---|-----------|--|----------------|
| ABB | SPA-BUS | S | | Native |
| ALSTOM | ESP GEM 80 | S | | Native |
| | ESP Gemlan-T TCP/IP | E | | Native |
| | Nbus ASCII / RTU Time stamped Nbus | A O | PCI1000/2000/4000 PCU1000 SW1000SER | |
| | Ethernet SRTP for C80-75 & C80-35 | A O | PCU2000ETH SW1000ETH | |
| | SNP-X for C80-75 & C80-35 | A O | PCI1000/2000/4000 PCU1000 SW1000SER | |
| BACnet | Data sharing | E | | Special |
| | BACnet Server | O | Cimetrics or Scada Engine | |
| | BACnet Client | O | Cimetrics or Scada Engine | |
| BECKHOFF | TwinCat over TCP/IP | E | TwinCat ADS | Native |
| CERBERUS | CERLOOP | A | PCI1000/2000/4000 PCU1000 | |
| CITILOG | IP-Citilog | E | | Native |
| CROUZET | CBUS | S | | Native |
| EIB | OPC EIB | O | EIBA Server | |
| ELSAG BAILEY | Data Link | A | PCI1000/2000/4000 PCU1000 | |
| EMERSON | DeltaV (DCS) | O | DeltaV OPC | |
| FISHER | ROC protocol for Roc 300 Series, FloBoss 407 & 500 Series | S | | Native |

Communication Protocols 2009

| | | | | |
|----------|--------------------|----------|------------------|--|
| S | Serial port | A | APPLICOM board | DRIVER VERSION |
| E | ETHERNET board | O | OPC Server | Native - Integrated in PcVue |
| M | Manufacturer board | H | Hilscher adapter | Special - Additional license required |

| MANUFACTURER | PROTOCOL/EQUIPMENT | INTERFACE | REQUIREMENT | DRIVER VERSION |
|-------------------------|---|-----------|--|----------------|
| GE FANUC | SNP-X for 90-70 & 90-30 | A O | PCI1000/2000/4000 PCU1000 SW1000SER & KEPServer | |
| | Ethernet SRTP for 90-70 & 90-30 | A O | PCU2000ETH SW1000ETH & KEPServer | |
| HILSCHER | MPI for Siemens S7-300 & S7-400 via Ethernet | H | Netlink Adapter for MPI | Special |
| HONEYWELL | HC9000 Ethernet | O | KEPServer | |
| | UDC Ethernet | O | KEPServer | |
| | UDC Serial | O | KEPServer | |
| | PLANTSCAPE/EXPERION (DCS) | O | Experion OPC Server | |
| IDEC | FA2J / FA3S multi drop | S | | Native |
| | Micro 3 / Micro Smart | S | | Native |
| IEC | 61850 Client | E | coming soon | Special |
| | 61870-104 Client | E | coming soon | Special |
| JOHNSON CONTROLS | N2OPEN (Optomux) | O | NT9100 OPC Server | |
| | Optomux N2 for DX9100 & DC9100 | S | DX & DC Series | |
| JUMO | JUMO_ASCII | S | | Native |
| | JUMO_JBUS | S | | Native |
| KEPWARE | All supported protocols | O | For the complete list of supported protocols visit www.kepware.com | Special |
| KROHNE | BM100 BUS | S | | Native |
| | BM100 PTP | S | | Native |
| LANDIS&GYR | NRU/NRK | S | Nirmo gateway | Native |
| LON | LON | M E | LCA Object Server NL220, LonMaker | Native |
| MATRIX | PUP | S | | Native |
| MATSUSHITA | Mewtocol | S | | Native |
| | Mewtocol IP | E | | Native |

Communication Protocols 2009

| | | | | |
|----------|--------------------|----------|------------------|--|
| S | Serial port | A | APPLICOM board | DRIVER VERSION |
| E | ETHERNET board | O | OPC Server | Native - Integrated in PcVue |
| M | Manufacturer board | H | Hilscher adapter | Special - Additional license required |

| MANUFACTURER | PROTOCOL/EQUIPMENT | INTERFACE | REQUIREMENT | DRIVER VERSION |
|----------------------------|---|------------|--|----------------|
| mitsubishi | FX 485 | S | | Native |
| | FX-Series | S | | Native |
| | Melsec A-Series | S | | Native |
| | Melsec TCP/IP for A and Q Series | E | | Native |
| MOELLER | K | M | EPC 335 | Native |
| | SucomA | A O | PCI1000/2000/4000 PCU1000 SW1000SER and KEPServer | |
| NAPAQ | XFLOW (RIO), TBC | O | DevIO | |
| NATIONAL INSTRUMENT | Optomux for FieldPoint and Compact FieldPoint | O | OPC FIELD POINT SERVER | |
| ODVA | CIP | O | SW1000ETH and KEPServer | |
| OMRON | SYSMAC-WAY | S A | PCI1000/2000/4000 | Native |
| | FINS TCP For OMRON C, CV and CS series | A O | PCU2000ETH SW1000ETH | |
| | All OMRON protocols | O | CX Server OPC KEPServer | |
| OPTO22 | Optomux | S | Johnson Controls DX 9100 | Native |
| PERAX | Perax time stamped | S | ARLEQUIN Concentrator | Native |
| | P200,P400,P16 | O | DevIO | |
| PHOENIX CONTACT | InterBus S | O | InterBus OPC Server | |
| PROFIBUS | All messaging FMS / DP / FDL / S5 / S7 / MPI | A | PCI1500PFB/2000PFB PCU1500PFB | |
| | S7 / MPI only | A | PCI1500S7 PCU1500S7 PCU1000PFB | |
| QUADLOG | APACS M-BUS | O | APACS OPC Server | |
| ROCKWELL | DF1 peer to peer for SLC500 Serie only | S | | Native |
| | DF1 | A | PCI1000/2000/4000 PCU1000 | |
| | EtherNet/IP For PLC-5, SLC-500 and Logix 5000 | A | PCU2000ETH | |
| | All Allen Bradley protocols DF1 / DH+ / EtherNet/IP etc. | O M/E/S | RSLinx OEM and KEPServer RSLinx OEM and KEPServer | |

Communication Protocols 2009

| | | | | |
|----------|--------------------|----------|------------------|--|
| S | Serial port | A | APPLICOM board | DRIVER VERSION |
| E | ETHERNET board | O | OPC Server | Native - Integrated in PcVue |
| M | Manufacturer board | H | Hilscher adapter | Special - Additional license required |

| MANUFACTURER | PROTOCOL/EQUIPMENT | INTERFACE | REQUIREMENT | DRIVER VERSION |
|---------------------------|---|-----------------------------------|---|----------------|
| SAIA | S-BUS for PCD Controllers | S | | Native |
| | SAIA-IP | E | | Native |
| SAUTER | NovaNet | O | Sauter OPC Server + ActiveX TimeTable | |
| SCHNEIDER Electric | Modbus Master ASCII / RTU Time stamped Modbus | S | | Native |
| | Modbus ASCII /RTU Slave Time stamped Modbus | A O | PC11000/2000/4000 PCU1000 SW1000SER | |
| | Open Modbus TCP/IP Master Time stamped Modbus | E | | Native |
| | Open Modbus TCP/IP Slave | E | | Native |
| | Unitelway Slave | S A O O | Client Slave PC11000/2000/4000 PCU1000 SW1000SER OFS Schneider | Native |
| SCHNEIDER Electric | Uni-TE TCP/IP | A O O | PCU2000ETH SW1000ETH OFS Schneider | |
| | Ethway Time stamped Ethway | A O | PCU2000ETH OFS Schneider (time stamped not supported) | |
| SIEMENS | AS511 for S5 serie programming port | A O | PC11000/2000/4000 PCU1000 SW1000SER | |
| | TI-Direct for TI505 serie programming port | A O | PC11000/2000/4000 PCU1000 SW1000SER | |
| | 3964 / 3964R RK512 messaging via CP524 / 525 | S | | Native |
| | Industrial Ethernet TCP (Fetch / Write messaging) for S7-300 & 400 | E | | Native |
| | Industrial Ethernet ISO on TCP for S7 | E | | Native |
| | Industrial Ethernet ISO on TCP for S5 and TI | A O | PCU2000ETH SW1000ETH (H1 not supported) | |
| | All messaging Profibus FMS / DP / FDL / MPI / PPI+ / PPI | A | PC11500PFB/2000PFB PCU1500PFB | |
| | Sinec H1 S7 / MPI | O H | Simatic Net or Matricon Netlink (NL MPI, NT 40 MPI, NT50 MPI for ISO) | Special |
| S7 PPI | E | Siemens USB/RS Multi-Master cable | | |

Communication Protocols 2009

| | | | | |
|----------|--------------------|----------|------------------|--|
| S | Serial port | A | APPLICOM board | DRIVER VERSION |
| E | ETHERNET board | O | OPC Server | Native - Integrated in PcVue |
| M | Manufacturer board | H | Hilscher adapter | Special - Additional license required |

| MANUFACTURER | PROTOCOL/EQUIPMENT | INTERFACE | REQUIREMENT | DRIVER VERSION |
|-----------------|--|-----------|--|----------------|
| SOFREL | Sofbus | S | CS100 Concentrator | Native |
| | Sofbus-PL, Lacbus-RTU, SMS for S500,LS,Box,S50 | O | SoftrelOPC | |
| | S50, S500 | O | DevIO | |
| TBOX | Semaphore LT50, LP300, CLASSIC | O | DevIO | |
| TREND | IQ2, IQ3 | O | DevIO | |
| TYCO | IP POSM | E | POSM XPro Video System | Native |
| WAGO | Modbus ASCII / RTU | | Please refer to the Schneider entry | |
| | OPEN COM (Open Modbus) | | Please refer to the Schneider entry | |
| | Profibus FMS / DP / FDL | | Please refer to the Siemens or Profibus entry | |
| WIT | TRS II | O | PC Pilot | |
| | TRS II for WIT Force, Clip, Easy, TwinY | O | DevIO | |
| WOODHEAD | All supported protocols | O | For the complete list of supported protocols visit www.woodhead.com (Network Interface Card) | |
| YOKOGAWA | Serial protocol for FA-M serie | S | | Native |
| | Ethernet TCP/IP for FA-M serie | E | | Native |
| | STARDOM PLC | O | DAC OPC Server | |

OFFICES

FRANCE ARC Informatique - Headquarters and Paris office
2 avenue de la Cristallerie - 92310 Sèvres - France
tel + 33 1 41 14 36 00 - fax + 33 1 46 23 86 02 - hotline: Tel +33 1 41 14 36 25
email: arcnews@arcinfo.com - web: www.arcinfo.com

FRANCE - Aix Office
tel + 33 4 42 52 36 83
fax + 33 4 42 29 74 55
email: arcaix@arcinfo.com

FRANCE - Grenoble Office
tel + 33 4 76 18 73 01
fax + 33 4 76 41 06 71
email: arcgrenoble@arcinfo.com

FRANCE - Lyon Office
tel + 33 4 78 35 93 93
fax + 33 4 78 35 35 92
email: arclyon@arcinfo.com
hotline: + 33 4 78 35 93 54

FRANCE - Strasbourg Office
tel + 33 3 88 21 02 10
fax + 33 3 88 21 02 11
email: arcstrasbourg@arcinfo.com

CHINA PcVue China
Representative Office
1 WanHangDu Road, Building B,
Office 702, Jing An District,
200040, Shanghai, P. R. China
tel + 86 21 3214 0708
fax + 86 21 3214 0733
email: n.trang@arcinfo.com

GERMANY PcVue GmbH
Mohnweg 2 A
84079 Bruckberg
Deutschland
tel + 49 8765 938 435
fax + 49 8765 938 480
email: info@pcvue.de
web: www.pcvue.de

ITALY PcVue Srl
Linate Business Park
Via Rivoltana, 35
20096 Pioltello - Mi
Italy
tel +39 02 9267248
fax +39 02 92165771
email: info@pcvue.it
web: www.pcvue.it

MALAYSIA PcVue Sdn Bhd
Unit 311, block B, Phileo
Damansara 1
No. 9 Jln 16/11
46350 Petaling Jaya – Selangor
Malaysia
tel + 60 3 7957 5187
fax + 60 3 7958 8760
email: c.vilenstein@arcinfo.com

SINGAPORE PcVue Sea
371 Beach Road
#02-12 Keypoint
Singapore 199597
tel + 65 6396 9186
fax + 65 6296 0943
email: pcvuesea@pacific.net.sg
web: www.pcvue-sea.com
hotline: + 60 3 7957 5187

SWITZERLAND PcVue GmbH
Harzachstrasse 2b
8404 Winterthur
Switzerland
tel + 41 52 682 19 38
fax + 41 52 682 19 58
email: info@pcvue.ch
web: www.pcvue.ch

UK Control Technology International
Regal Chambers
49/51 Bancroft, Hitchin
Hertfordshire, SG5 1LL England
tel + 44 1 462 45 77 00
fax + 44 1 462 45 33 77
email: info@ctiweb.co.uk
web: www.ctiweb.co.uk

USA PcVue Inc
10 Tower Office Park,
Suite # 204
Woburn, MA 01801 - USA
tel + 1 781 569 0646
fax + 1 781 569 6105
email: pcvueinc@arcinfo.com
web: www.pcvueinc.com

ALSO DISTRIBUTORS/RESELLERS: Argentina, Australia, Benelux, Brazil, Canada, Chile, China, Finland, Greece, India, Indonesia, Italy, Kuwait, Latvia, Lithuania, Malaysia, Morocco, Pakistan, Poland, Portugal, Russia, South Africa, Spain, Syria, Taiwan, Thailand, Tunisia, Turkey, UAE, Ukraine, Venezuela etc.

SOME OF OUR CLIENTS...

AEROSPATIALE, AIR CANADA, AIR FRANCE, AIRBUS, ALCATEL, ARAMCO, ASF, AVENTIS, BANCO DE PORTUGAL, BASF,BAYER, BG, TRANSCO, BOSCH, BSN, BRUSSELS AIRPORT, CABOT OIL & GAS, CARGILL, CERN, COCA COLA, DALKIA, DOW CORNING, ECA, EDF, EGYPTALUM, EIFFEL, ELECTRABEL, ENERGOMASH, ENICHEM, FAURECIA, FIRMINICH, GAZPROM, GENEVA AIRPORT, HENKEL, HUTCHINSON, HYDROQUEBEC, IBERDROLA, JAKARTA RAILWAYS, LAFARGE, LAVAZZA, L'OREAL, MAC KEY, MASTER FOODS, MEXICO CITY SUBWAY, NESTLE, PARIS AIRPORT, PDVSA, PEMEX, PETROBRAS, PROCTER & GAMBLE, PSA, PUBLIACQUA, RENAULT, RHENALU PECHINEY, RHODIA, SAINT GOBAIN, SAINT LOUIS SUCRE, SANOFI SYNTHELABO, SAPN, SEAGATE, SEITA, SERONO, SERVIER, SINGAPORE METRO, SNCF, TAIPEI 101, TEFAL, THALES, THYSSEN, TOTAL FINA ELF, UBS, UGINE, VALEO, etc.

