



PcVue

Communication Protocols

Protocoles de Communication

www.arcinfo.com

S Serial port (native driver)
 E ETHERNET board (native driver)
 M Manufacturer board (native driver)

A APPLICOM board
 O OPC Server
 H Hilscher adapter

| Manufacturer | Protocol | Interface | Requirement |
|-----------------------------|---|-----------|---|
| ABB | SPA-BUS | S | |
| ALSTOM | ESP GEM 80 | S | |
| | ESP Gemlan-T TCP/IP | E | |
| | 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 |
| APTOR | TransMMS | M | |
| CERBERUS | CERLOOP | A | PCI1000/2000/4000 PCU1000 |
| CIMETRICS | BACnet Server | O | |
| | BACnet Client | O | |
| CROUZET | CBUS | S | |
| ECHELON | LON TALK | M E | LonMaker with LCA Object Server PCLTA Standard Ethernet card to iLons |
| EIB | OPC EIB | O | EIBA Server |
| ELSAG BAILEY | Data Link | A | PCI1000/2000/4000 PCU1000 |
| FISHER | ROC protocol for Roc 300 Series, FloBoss 407 & 500 Series | S | |
| GE FANUC | SNP-X for 90-70 & 90-30 | A O | PCI1000/2000/4000 PCU1000 SW1000SER |
| | Ethernet SRTP for 90-70 & 90-30 | A O | PCU2000ETH SW1000ETH |
| GORGY TIMING | ALPHA | S | |
| HILSCHER | MPI for Siemens S7-300 & S7-400 via Ethernet | H | Netlink Adapter for MPI |
| HLP | SNCFIP for Leroy PLC (LAI) | M | PC FIP ISA Card |
| IDEC | FA2J / FA3S multi drop | S | |
| | Micro 3 / Micro Smart | S | |
| JOHNSON CONTROLS | N2OPEN (Optomux) | O | NT9100 OPC Server |
| | Optomux N2 for DX9100 & DC9100 | S | DX & DC Series |

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| JUMO | JUMO_ASCII for DICONSM, MDA-2, TMM-45, LOGO C-200 & DICON_PR | S | |
| | JUMO_JBUS | S | |
| KEPWARE | All supported protocols | O | For the complete list of supported protocols visit www.kepware.com |
| KROHNE | BM100 BUS | S | |
| | BM100 PTP | S | |
| MATRIX | PUP | S | |
| MATSUSHITA | Mewtocol | S | |
| MITSUBISHI | FX 485 | S | |
| | FX-Series | S | |
| | Melsec A-Series | S | |
| | Melsec TCP/IP for Serie A only | E | |
| | Melsec TCP/IP for Serie A and Q | A O | PCU2000ETH SW1000ETH |
| MOELLER | K | M | EPC 335 |
| | SucomA | A O | PCI1000/2000/4000 PCU1000 SW1000SER |
| NATIONAL INSTRUMENT | Optomux for FieldPoint and Compact FieldPoint | O | OPC FIELD POINT SERVER |
| NEWRON System | LON TALK | M E O | NL220 for Windows with LCA Object Server PCLTA Standard Ethernet card to iLons NLOPC |
| OMRON | SYSMAC-WAY | A | PCI1000/2000/4000 |
| | FINS TCP For OMRON C, CV and CS series | A O | PCU2000ETH SW1000ETH |
| | All OMRON protocols | O | CX Server OPC |
| OPTO22 | Optomux | S | Johnson Controls DX 9100 |
| PERAX | Perax time stamped | S | ARLEQUIN Concentrator |
| 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 |

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| QUADLOG | APACS M-BUS | O | APACS OPC Server |
| ROCKWELL | DF1 peer to peer for SLC500 Serie only | S | |
| | 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 | RSLinx OEM |
| SAIA | S-BUS for PCD Controllers | S A | PCI1000/2000/4000 PCU1000 |
| | S-BUS over TCP/IP | E | |
| Scada Engine | BACnet Server | O | |
| SCHNEIDER Electric | Modbus Master ASCII / RTU Time stamped Modbus | S | |
| | Modbus Master / Slave ASCII /RTU Time stamped Modbus | A O | PCI1000/2000/4000 PCU1000 SW1000SER |
| | Open Modbus TCP/IP Master Time stamped Modbus | E A O O | PCU2000ETH SW1000ETH (time stamped not supported) OFS Schneider (time stamped not supported) |
| | Open Modbus TCP/IP Slave | E A | PCU2000ETH |
| | Modbus + | A M | PCI2000MBP SA85 |
| | Unitelway Slave | S A O O | Client Slave PCI1000/2000/4000 PCU1000 SW1000SER OFS Schneider |
| | Uni-TE TCP/IP | A O O | PCU2000ETH SW1000ETH OFS Schneider |
| | Fipway | A O | PCI2000FIP OFS Schneider |
| | Ethway Time stamped Ethway | A O | PCU2000ETH OFS Schneider (time stamped not supported) |

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| SIEMENS | AS511 for S5 serie programming port | A O | PCI1000/2000/4000 PCU1000 SW1000SER |
| | TI-Direct for TI505 serie programming port | A O | PCI1000/2000/4000 PCU1000 SW1000SER |
| | 3964 / 3964R RK512 messaging via CP524 / 525 | S A | PCI1000/2000/4000 PCU1000 |
| SIEMENS | Industrial Ethernet TCP (Fetch / Write messaging) for S7-300 & 400 | E | |
| | Industrial Ethernet ISO for S7 | E | |
| | Industrial Ethernet ISO and TCP for S5 , S7 and TI | A O | PCU2000ETH SW1000ETH (H1 not supported) |
| | All messaging FMS / DP / FDL / S5 / S7 / MPI / PPI+ / PPI | A | PCI1500PFB/2000PFB PCU1500PFB |
| | S7 / MPI / PPI+ / PPI only S7 / MPI | A H | PCI1500S7 PCU1500S7 PCU1000PFB Netlink |
| SOFREL | Sofbus | S O | CS100 Concentrator PCWIN |
| SST | Profibus | O | 5136 PFB Isa Master Board + SST PFB OPC Server |
| TYCO | IP POSM | E | POSM XPro Video System |
| WAGO | LON TALK Modbus ASCII / RTU OPEN COM (Open Modbus) Profibus FMS / DP / FDL | | Please refer to the ECHELON or Newron System entry Please refer to the Schneider entry Please refer to the Schneider entry Please refer to the Siemens or Profibus entry |
| WIT | TRS II | O | PC Pilot |
| WOODHEAD | All supported protocols | O | For the complete list of supported protocols visit www.applicom-int.com |
| YOKOGAWA | Serial protocol for FA-M serie | S | |
| | Ethernet TCP/IP for FA-M serie | E | |