Foreseer Services Hardware Compatibility List*

June 3, 2011

Hardware Type/Manufacturer	Modbus RTU	Modbus TCP	BACnetIP	LON	OPC	SNMP	Proprietary Protocol
HVAC							
AC - Airflow AC Dataguard 3-0 3-2							x
AC - Airflow AC Dataguard 4-0 CCT-CW							x
AC - Airflow AC Dataguard 4-0 CCT-DX							x
AC - Airflow AC Dataguard 4-0 CG							x
AC - Airflow AC Dataguard 4-0 CM Ceiling Unit							x
AC - Airflow AC Dataguard 4-0 Drycell							x
AC - Airflow AC Dataguard 4-0 Main Frame Chiller							x
AC - Airflow AC Dataguard 4-0 TC Tech Cool							x
AC - Airflow AC Dataguard 5-0 AFX							x
AC - Airflow AC Dataguard 5-0 CCT-CW							x
AC - Airflow AC Dataguard 5-0 CCT-DX							x
AC - Airflow AC Dataguard 5-0 Ceiling Unit							x
AC - Airflow AC Dataguard 5-0 CG							x
AC - Airflow AC Dataguard 5-0 Drycell							x
AC - Airflow AC Dataguard 5-0 Full Ctl							x
AC - Airflow AC Dataguard 5-0 Main Frame Chiller							x
AC - Airflow AC Dataguard 5-0 SetPt Ctl							x
AC - Airflow AC Dataguard 5-0 TC Tech Cool							x
AC - APC AC NetworkAIR AFX							x
AC - APC AC NetworkAIR AFX Carel Gtwy							x
AC - APC AC NetworkAIR CCT-CW							x
AC - APC AC NetworkAIR CCT-DX							x
AC - APC AC NetworkAIR Ceiling Unit							x
AC - APC AC NetworkAIR CG							x
AC - APC AC NetworkAIR Drycell							x
AC - APC AC NetworkAIR FM							x
AC - APC AC NetworkAIR Main Frame Chiller							x
AC - APC AC NetworkAIR Tech Cool							x
AC - Compu-Aire AC	x	x					
AC - Data Aire AC DAP							x
AC - Data Aire AC DAP II							x
AC - Data Aire AC DAP II Full Ctl	x	x					
AC - Data Aire AC DAP II	x	x					
AC - Data Aire AC DAP III	x	x					
AC - Data Aire AC Dart200 DAP							x
AC - Data Aire AC Dart200 DAP II							x
AC - Data Aire AC Plus DAP							x
AC - Data Aire AC Plus DAP II							x
AC - Data Aire AC Plus DAP II Full Ctl							x
AC - Data Aire AC Plus DAP II SetPt Ctl							x
AC - Dectron AC ECOSaire Supervisaire							x
AC - Hiross AC ECOSaire Microtrac							x
AC - Liebert AC AC8	x						
AC - Liebert AC Atlas CEMS100							x
AC - Liebert AC Atlas MK4-5							x
AC - Liebert AC CW						x	
AC - Liebert AC Challenger	x					x	x
AC - Liebert AC Challenger Full Ctl							x
AC - Liebert AC Challenger SetPt Ctl							x
AC - Liebert AC DataMate							x
AC - Liebert AC DataMate SetPt Ctl							x
AC - Liebert AC DCLAN							x

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AC - Liebert AC DS	x		x			x	
AC - Liebert AC DS Full Ctl	x						
AC - Liebert AC HiMod						x	
AC - Liebert AC Hiross WXG							x
AC - Liebert AC LAM SetPt Ctl							x
AC - Liebert AC MiniMate	x					x	x
AC - Liebert AC MiniMate SiteScan SetPt Ctl							x
AC - Liebert AC System3	x		x			x	x
AC - Liebert AC System3 SiteScan Full Ctl							x
AC - Liebert AC System3 SiteScan SetPt Ctl							x
AC - Nortec AC NHTC Humidifier	x		x				
AC - Opengate AC Site-X EC Rack Fan Cooler						x	
AC - Stulz AC ATech20 Ctlr Carel Gtwy	x						
AC - Stulz AC BNU8000 Humidifier E Series RTU	x						
AC - Stulz AC C5000 Ctlr							x
AC - Stulz AC C6000 Ctlr							x
Automatic Transfer Switch							
ATS - APC ATS InfraStruXure RTU	x						
ATS - ASCO ATS 300							x
ATS - ASCO ATS 4000	x						
ATS - ASCO ATS 7000	x	x					x
ATS - ASCO ATS 7000 Soft Load Ctlr							x
ATS - ASCO ATS 900							x
ATS - ASCO ATS Data Monitor							x
ATS - ASCO ATS Power ManagerXP	x	x					
ATS - BayTech ATS ATS11A-30						x	
ATS - C-H ATS IQ Transfer ATC100	x				x		x
ATS - C-H ATS IQ Transfer ATC400	x				x		x
ATS - C-H ATS IQ Transfer ATC600	x				x		x
ATS - C-H ATS IQ Transfer ATC800	x				x		x
ATS - GE Zenith ATS MX150	x						
ATS - GE Zenith ATS MX200	x						
ATS - GE Zenith ATS MX250	x						
ATS - Kohler ATS MPAC1000 Ctlr	x						
ATS - Onan ATS							x
ATS - Onan ATS Modlon1 RTU							x
ATS - Onan ATS Modlon2 RTU	x						
ATS - Onan ATS Modlon3 RTU	x						
ATS - Russelectric ATS 2000	x						
ATS - Russelectric ATS 2000 Plus	x						
ATS - Spectrum ATS M340 Plus							x
Building Automation System							
BAS - Alerton BMS PROTalk							x
BAS - Andover BAS Continuum			x				
BAS - JCI BAS Metasys			x				x
BAS - JCI BAS Metasys NCE			x				
BAS - Rockwell BAS RSView SCADA	x	x					
BAS - RussElectric BAS SCADA			x				
BAS - Siemens BAS Apogee			x				
BAS - Tridium BAS Niagara JACE		x					
Branch Circuit Monitoring							
BCM - Cyberex BCM RPP	x	x					
BCM - Liebert BCM LDM 2Pole Brkrs		x					
BCM - PDI BCM	x						
BCM - Powerware BCM EMS		x					
BCM - SquareD BCM	x						
BCM - Veris BCM	x						
Battery Monitoring System							
BMS - Alber BMS BDS-256	x	x					
BMS - Alber BMS BDS-40 ASCII	x	x					
BMS - BTech BMS S3							x
BMS - BTech BMS S4							x

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BMS - BTech BMS S5		x					
BMS - Cellwatch BMS		x					
BMS - Midtronics BMS Celltraq						x	
BMS - Phoenix BMS						x	
BMS - Powershield BMS B1000							x
Chillers							
Chiller - APC Chiller InRow RC	x					x	
Chiller - ArctiChill Chiller P Series			x				
Chiller - Carrier Chiller CCN DataLink							x
Chiller - Carrier Chiller CCN Dataport							x
Chiller - Carrier Chiller iVu CCN Server			x				
Chiller - Carrier Chiller RTU CCN Translator	x						
Chiller - Liebert Chiller CSU3000 3Module							x
Chiller - Liebert Chiller CW Challenger	x					x	
Chiller - Liebert Chiller MPU3000 3Module							x
Chiller - Liebert Chiller XDC iCOM	x						
Chiller - McQuay Chiller MicroTech Ctlr			x				
Chiller - Multistack Chiller Airstack Carel Ctlr			x				
Chiller - Multistack Chiller Comput25 Ctlr							x
Chiller - Rittal Chiller LCP						x	
Chiller - Trane Tracer Summit	x	x	x				
Chiller - York Chiller ELink	x						
Chiller - York Chiller YK ISN	x						
Data Acquisition Devices							
DAQ - Ametek DAQ SER 512	x						
DAQ - DataTrax DAQ Foreseer DAT		x					
DAQ - DPS DAQ NetGuardian 216 16Port						x	
DAQ - DPS DAQ NetGuardian 832A6 32Port						x	
DAQ - Eaton DAQ DIM KYZ Pulse		x					
DAQ - Eaton DAQ DIM		x					
DAQ - Eaton DAQ SERnet32	x	x					
DAQ - Eaton DAQ SERnet48	x	x					
DAQ - Eaton DAQ UIE II E1210 E1240		x					
DAQ - Liebert DAQ CCM	x						x
DAQ - Marconi DAQ DGU	x						
DAQ - Monaghan DAQ Pro Time SER	x	x					
DAQ - Netbotz DAQ 310							x
DAQ - Netbotz DAQ 420						x	
DAQ - Netbotz DAQ 500							x
DAQ - NTI DAQ Enviromux SEMS16						x	
DAQ - Obvius DAQ ModHopper	x						
DAQ - Onan DAQ Digital IO Module Modlon	x						
DAQ - Phonetics DAQ Sensaphone 2000							x
DAQ - Siebe DAQ IBS Network 8000	x						
DAQ - Sixnet DAQ RM-8D12-F		x					
DAQ - TBOS DAQ	x						
DAQ - Universal Input Enclosure UIE	x						
DAQ - Veris DAQ H8923-4 Analog to Modbus Converter	x						
DC-Based Systems							
DCPlant - Argus DC Plant CXC						x	
DCPlant - Astec DCPlant Helios							x
DCPlant - Benning DCPlant BL1200							x
DCPlant - Benning DCPlant BL400							x
DCPlant - Benning DCPlant XP							x
DCPlant - Eaton DCPlant Swichtec SC200						x	
DCPlant - Eaton DCPlant Swichtec SM45							x
DCPlant - Eaton DCPlant Swichtec SM60							x
DCPlant - Eaton DCPlant Swichtec SM65						x	
DCPlant - Eltek DCPlant AL6000							x
DCPlant - Eltek DCPlant SmartPack	x					x	
DCPlant - Lucent DCPlant GCS							x
DCPlant - Lucent DCPlant MCS							x

Hardware Type/Manufacturer	Modbus RTU	Modbus TCP	BACnetIP	LON	OPC	SNMP	Proprietary Protocol
DCPlant - Swichtec DCPlant SM50							x
DCPlant - Tyco DC Plant Linage Millennium II						x	
Environmental Monitoring System							
Env - APC EnvMon InfraStruXure Environmental Monitor	x						
Env - Caron EnvMon Chromalox Temp Ctrl	x						
Env - Caron EnvMon Chromalox Humidity Ctrl	x						
Env - Chromalox EnvMon 1600 Humidity Ctlr	x						
Env - Chromalox EnvMon 1600 Temp Humidity Ctlr	x						
Env - Eaton EnvMon Rack Monitor TempHumidity						x	
Env - IT Watchdogs EnvMon Microgoose						x	
Env - IT Watchdogs EnvMon Weathergoose						x	
Env - Lighthouse EnvMon Solair 3016	x						
Env - Nalco EnvMon Wtr Treat Ctlr 3D TRASAR 5500		x					
Env - PDI EnvMon 9401 Transformer Temp Monitor	x						
Env - PointSix EnvMon Point View Temp System							x
Env - Qualitrol Env 118 Xfmr Temp Ctlr		x					
Env - Qualitrol Env 118 Xfmr Temp Ctlr PXG400-600		x					
Env - Qualitrol Env ITM509 Basic Xfmr Monitor		x					
Env - RLE EnvMon F110		x					
Env - SensaTronics EnvMon EM1 TempHumidity						x	
Env - SensaTronics EnvMon Senturion						x	
Env - SensaTronics EnvMon Temp E16-16						x	
Env - SensaTronics EnvMon Temp						x	
Env - SensaTronics EnvMon Xytronix Web Contrl Relay		x					
Env - SquareD EnvMon Model 98 Temp Ctlr RTU	x	x					
Fire Systems							
Fire - Cerberus Fire DMS7000							x
Fire - Cerberus Fire Pyrotronics							x
Fire - Fike Fire Cheetah							x
Fire - Generic Fire Panel CMI	x						
Fire - Kidde-Fenwal Fire FenwalNET6000	x						
Fuel Monitoring Systems							
Fuel - EarthSafe Fuel Monitor System	x	x					
Fuel - EBW Fuel AutoStik							x
Fuel - JCH Fuel Enviro5 Filter System		x					
Fuel - Omntec Fuel OEL8000I							x
Fuel - Omntec Fuel OEL8000II	x						x
Fuel - Phoenix Fuel MIDG-IT E-700-1							x
Fuel - Pneumercator Fuel LDE-700							x
Fuel - Pneumercator Fuel LDE-740							x
Fuel - Pneumercator Fuel TMS 2000							x
Fuel - Pneumercator Fuel TMS 3000							x
Fuel - Preferred Inst Fuel OIT Delivery System	x						
Fuel - Pryco Fuel PLC	x						
Fuel - Veeder-Root Fuel TLS350							x
Generators							
GenSet - Basler GenSet DGC-1000 Ctlr	x						
GenSet - Basler GenSet DGC-2000 Ctlr	x						
GenSet - Basler GenSet DGC2020 Ctlr	x						
GenSet - Caterpillar GenSet CCM EIS							x
GenSet - Caterpillar GenSet CCM EMCPII							x
GenSet - Caterpillar GenSet CCM EMCPII Plus							x
GenSet - Caterpillar GenSet EMCP3-3 Ctlr	x						
GenSet - Caterpillar GenSet Monico CCM Gateway		x					
GenSet - Caterpillar GenSet Monico CDL Gateway		x					
GenSet - Caterpillar GenSet PL1000E	x						
GenSet - Caterpillar GenSet PL1000T EIS							x
GenSet - Caterpillar GenSet PL1000T EMCPII							x
GenSet - Caterpillar GenSet PL1000T EMCPII Plus							x
GenSet - FW Murphy GenSet iGUARD Ctlr							x
GenSet - Generac GenSet							x
GenSet - Katolight GenSet KDGC-2000 Ctlr							x

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GenSet - Katolight GenSet KDGC-2001 Ctlr	x						
GenSet - Katolight GenSet KDGC-2020 Ctlr	x						
GenSet - Kohler GenSet	x						x
GenSet - Kohler GenSet DM550 Ctlr	x	x					
GenSet - Onan GenSet Modicon Quantum PLC	x						
GenSet - Onan GenSet Modlon1	x						
GenSet - Onan GenSet Modlon2	x						
GenSet - Onan GenSet Modlon3	x						
GenSet - Onan GenSet Power Command CCM				x			
GenSet - Onan GenSet Power Command PCC				x			
GenSet - Synergy GenSet							x
Leek Detection Systems							
Leak - AquaAlert Leak DL		x					
Leak - Liebert Leak Detect							x
Leak - Liebert Leak LDS1000							x
Leak - Liebert Leak Liqui-tect							x
Leak - PermAlert Leak LiquidWatch LW64							x
Leak - PermAlert Leak PAL-AT LD							x
Leak - RLE Leak LD5000 Series	x						
Leak - RLE Leak LDZ8	x						
Leak - RLE Leak Seahawk LDRA6 5Zone	x						
Leak - Tracetek Leak TTDM Plus	x						
Power and Energy Meters							
Meter - Autometers Meter IC Series							x
Meter - BMI Meter 8010 PQ Power Node							x
Meter - C-H Meter IQ 200					x		x
Meter - C-H Meter IQ 230	x						x
Meter - C-H Meter IQ 250	x	x					
Meter - C-H Meter IQ 260	x	x					
Meter - C-H Meter IQ 7000 RTU	x	x					
Meter - C-H Meter IQ 7000 Waveform		x					
Meter - C-H Meter IQ Analyzer	x				x		x
Meter - C-H Meter IQ PXG400		x					
Meter - C-H Meter IQ Analyzer Waveform							x
Meter - C-H Meter IQ Analyzer Waveform PXG600		x					
Meter - C-H Meter IQ Data Plus	x						x
Meter - C-H Meter IQ Data Plus2 AEMII	x						x
Meter - C-H Meter IQ Data	x				x		
Meter - C-H Meter IQ Data Meters							x
Meter - C-H Meter IQ DP4000		x			x		x
Meter - C-H Meter IQ Energy Sentinel					x		x
Meter - C-H Meter IQ Generator Meter							x
Meter - C-H Meter IQ Multipoint Energy Submeter							x
Meter - C-H Meter IQ Multipoint Energy Submeter II							x
Meter - C-H Meter IQ Power Manager							x
Meter - C-H Meter IQ Power Sentinel		x			x		x
Meter - Circutor Meter CVM-96	x	x					x
Meter - Circutor Meter CVM-K							x
Meter - Circutor Meter LM-24M Pulse Concentrator	x	x					
Meter - Circutor Meter SNA-96-144							x
Meter - Crompton Meter Integra 1000-2000							x
Meter - DataTrax Meter Power Node II	x						
Meter - DataTrax Meter Power Node III	x						
Meter - DataTrax Meter PowerLink 3Ph	x						
Meter - Dent Meter PowerScout3	x						
Meter - Dranetz Meter 5520 DataNode		x					
Meter - Dranetz Meter 61000		x					
Meter - Eaton Meter IQ 150	x						
Meter - Eaton Meter PXM 2250		x					
Meter - Eaton Meter PXM 2260		x					
Meter - Eaton Meter PXM 2270		x					
Meter - Eaton Meter PXM 4000 Waveform		x	x			x	

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Meter - Eaton Meter PXM 6000 Waveform		x	x			x	
Meter - Eaton Meter PXM 8000 Waveform		x	x			x	
Meter - EI Meter DMMS300							x
Meter - EI Meter DMMS425							x
Meter - EI Meter Nexus 1250	x	x					
Meter - EI Meter Nexus 1250 Waveform		x					
Meter - EI Meter Nexus 1500		x					
Meter - EI Meter Shark 100 RTU	x						
Meter - EMON Meter DMON IDR Class 2000							x
Meter - EMON Meter DMON IDR Class 3000							x
Meter - Entes Meter IO A MPR63		x					
Meter - Entes Meter IO A MPR63_Spanish		x					
Meter - GE Meter EPM 2000	x						
Meter - GE Meter EPM 3720	x						
Meter - GE Meter EPM 6000	x						
Meter - GE Meter EPM 7400 Series	x	x					
Meter - GE Meter EPM 7500	x	x					
Meter - GE Meter EPM 9650Q	x	x					
Meter - GE Meter EPM 9650Q Waveform		x					
Meter - GE Meter EPM Delta	x						
Meter - GE Meter EPM Wye	x						
Meter - GE Meter Multilin PQM	x						
Meter - GE Meter PQMII Waveform	x	x					
Meter - Geist Meter Inline LME 1 Ph						x	
Meter - IME Meter NEMO96	x						
Meter - Kele Meter PT9000 Series	x						
Meter - NK Tech Meter APN	x						
Meter - Onicon Meter System10 BTU	x			x			
Meter - PML Meter 6200 Ion	x	x					
Meter - PML Meter 7330 Ion	x						
Meter - PML Meter 7350 Ion	x	x					
Meter - PML Meter 7500 Ion	x						
Meter - PML Meter 7550 Ion	x						
Meter - PML Meter 7600 Ion	x						
Meter - PML Meter 7650 Ion	x	x					
Meter - PML Meter 7700 Ion	x	x					
Meter - Satec Meter PM171E Delta	x						
Meter - Satec Meter PM171E Wye	x						
Meter - Satec Meter PM171P Delta	x						
Meter - Satec Meter PM171P Wye	x						
Meter - Siemens Meter 4300							x
Meter - Siemens Meter 4700							x
Meter - Siemens Meter 9330	x						
Meter - SquareD Meter CM 2000	x	x					
Meter - SquareD Meter CM 2000 Waveform		x					
Meter - SquareD Meter CM 3000	x	x					
Meter - SquareD Meter CM 3000 Waveform		x					
Meter - SquareD Meter CM 4000	x	x					
Meter - SquareD Meter CM 4000 Waveform		x					
Meter - SquareD Meter Enercept 3Ph	x	x					
Meter - SquareD Meter MCM 8364	x	x					
Meter - SquareD Meter PM 600	x	x					
Meter - SquareD Meter PM 620	x	x					
Meter - SquareD Meter PM 650	x	x					
Meter - SquareD Meter PM 710	x						
Meter - SquareD Meter PM 800	x	x					
Meter - Universal Elec Meter StarLine Busway	x						
Meter - Veris Meter H8238 MCM	x						
Meter - Veris Meter Hawkeye 8100 Series	x						
Meter - Veris Meter Hawkeye H8036	x						
Miscellaneous							
Misc - C-H Misc NetVisor TVSS	x	x					

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Misc - Cisco ESwitch 2960S 24pt						x	
Misc - Cisco ESwitch 4948E 24pt						x	
Misc - Foreseer Server Monitor						x	
Misc - Maintenance Scheduler							x
Misc - Power Systems AVR	x						
Misc - Unicass Lone Worker Monitor							x
Misc - WMI Interface							x
Power Distribution Units							
PDU - APC PDU InfraStruXure Rack	x						
PDU - APC PDU InfraStruXure	x					x	
PDU - Danaher PDU PDM Type II Delta	x	x					
PDU - Danaher PDU PDM Type II Wye	x	x					
PDU - Layer Zero PDU 1SRC		x					
PDU - Layer Zero PDU ePOD		x					
PDU - Liebert PDU	x		x			x	x
PDU - MGE PDU EPE Pensar RDU	x						
PDU - MGE PDU PMM BCM	x						
PDU - MGE PDU SquareD CM4000 Meter	x	x					
PDU - MGE PDU Veris H8238 MCM	x						
PDU - PDI PDU 9000 Dual Output RTU M4v9xx	x						
PDU - PDI PDU BCMS Plus	x						
PDU - PDI PDU Dual Input	x						
PDU - PDI PDU M4	x					x	
PDU - PDI PDU Wavestar 1Input	x						
PDU - Powersmiths PDU Cyberhawk	x	x					
PDU - Powersmiths PDU Veris BCM H704		x					
PDU - Powerware PDU	x					x	
PDU - Powerware PDU PXS		x					
PDU - Powerware PDU RPM						x	
PDU - United Power PDU	x						
PDU - United Power PDU PDM	x						
Programmable Logic Control							
PLC - Allen-Bradley PLC SLC-5	x						
PLC - Eaton PLC ELC	x	x					
PLC - GE PLC 9030 CCM2	x						
PLC - GE PLC PACSystems RX3i TCP		x					
PLC - GE PLC Series 6 CCM2	x						
PLC - Modicon PLC Modbus	x						
PLC - Modicon PLC Momentum	x	x					
PLC - TWIDO PLC Compact Base	x						
PLC - TWIDO PLC Modular Base	x						
PLC - Unitronics PLC V350	x						
Power Strips							
PowerStrip - APC PowerStrip AP7841						x	
PowerStrip - APC PowerStrip AP7862						x	
PowerStrip - APC PowerStrip AP7863						x	
PowerStrip - APC PowerStrip AP7864						x	
PowerStrip - APC PowerStrip AP7867A						x	
PowerStrip - APC PowerStrip AP7900						x	
PowerStrip - APC PowerStrip AP7930						x	
PowerStrip - APC PowerStrip AP7931						x	
PowerStrip - APC PowerStrip AP7932						x	
PowerStrip - APC PowerStrip AP7940						x	
PowerStrip - APC PowerStrip AP7941						x	
PowerStrip - APC PowerStrip AP7960						x	
PowerStrip - APC PowerStrip AP7961						x	
PowerStrip - BayTech Power Strip RPC51						x	
PowerStrip - Baytech PowerStrip DS Series Ctlr						x	
PowerStrip - BayTech PowerStrip RPC51						x	
PowerStrip - BayTech PowerStrip RPC52						x	
PowerStrip - BayTech PowerStrip RPC57						x	
PowerStrip - BayTech PowerStrip RPC59						x	

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PowerStrip - BayTech PowerStrip RPC63						x	
PowerStrip - Eaton PowerStrip Aphel DBQ10840							x
PowerStrip - IBM PowerStrip DPI Plus Sandpiper4						x	
PowerStrip - Powerware PowerStrip ePDU PW104MA0UB76						x	
PowerStrip - Powerware PowerStrip ePDU PW105MI1U165						x	
PowerStrip - Powerware PowerStrip ePDU PW309MI0U114						x	
PowerStrip - Powerware PowerStrip ePDU PW309MI0U115						x	
PowerStrip - Powerware PowerStrip ePDU PW315MI0U173						x	
PowerStrip - Powerware Powerstrip ePDU PW317MI0U222						x	
PowerStrip - Powerware PowerStrip ePDU PW317MO0U082 6CT						x	
PowerStrip - Powerware PowerStrip ePDU PW317MO0U082 8CT						x	
PowerStrip - Powerware PowerStrip ePDU PW344MI0UC18						x	
PowerStrip - Powerware PowerStrip ePDU V70BF4-N-SL-109						x	
PowerStrip - ServerTech PowerStrip ePDU CS-24VY-L30MA						x	
PowerStrip - ServerTech PowerStrip ePDU CW-24VYM354A1						x	
Protocols							
Protocol - BACnet			x				
Protocol - CMI ASCII Interface	x						
Protocol - Eaton PXS Foreseer ModbusSlave	x	x					
Protocol - Modbus Gateway for Foreseer	x	x					
Protocol - Modbus3	x	x					
Protocol - OPC Server					x		
Protocol - SNMP Manager						x	
Circuit Protection Products							
Relay - Basler Relay BE1-700	x						
Relay - Basler Relay BE1-851	x						
Relay - Basler Relay BE1-951 Overcurrent	x						
Relay - Basler Relay BE1-CDS220 Current Diff	x						
Relay - Basler Relay BE1-GPS100 Generator	x						
Relay - C-H Relay Addressable Relay					x		
Relay - C-H Relay Advantage Motor Ctl					x		
Relay - C-H Relay FP4000 PXG400-600		x					
Relay - C-H Relay FP5000		x					x
Relay - C-H Relay FP5000 PXG400-600 Waveform		x					
Relay - C-H Relay Motor Insight PXG400-600		x					
Relay - C-H Relay MP3000 Motor					x		x
Relay - C-H Relay MPCV							x
Relay - GE Relay 489 Generator	x						
Relay - GE Relay 750 Feeder	x	x					
Relay - GE Relay 750 Feeder Waveform	x	x					
Relay - GE Relay 760 Feeder	x	x					
Relay - GE Relay 760 Feeder Waveform	x	x					
Relay - GE Relay CM Motor Ctl						x	
Relay - GE Relay Multilin MIF II	x						
Relay - GE Relay SR735-737 Feeder	x						
Relay - GE Relay URF-35 Feeder	x						
Relay - GE Relay URF-60 Feeder	x						
Relay - IPC Relay IGard	x						
Relay - SEL Relay SEL-351 2030 Comm Proc	x						
Relay - SEL Relay SEL-551	x						
Relay - Siemens Relay Siprotec 7SJ6x							x
Remote Power Panel							
RPP - APC RPP NMI	x						
RPP - Layer Zero RPP eRPP		x					
RPP - Liebert RPP FDC-RDC LDM	x						
RPP - Liebert RPP LDM Feeder Breaker		x					
RPP - PDI RPP BCMS Plus	x						
RPP - PDI RPP Wavestar BCMS						x	
RPP - Powerware RPP PXS Delta		x					
RPP - Powerware RPP PXS Wye		x					
RPP - Powerware RPP	x						
Static Transfer Switch							

Hardware Type/Manufacturer	Modbus RTU	Modbus TCP	BACnetIP	LON	OPC	SNMP	Proprietary Protocol
STS - Chloride STS Cross							x
STS - Cyberex STS DSRM	x						
STS - Cyberex STS SuperSwitch2	x						
STS - Cyberex STS SuperSwitch3	x						
STS - Cyberex STS SuperSwitch3 Zero Footprint	x						
STS - Danaher STS	x	x					
STS - Eaton STS Type II	x	x					
STS - L3 STS Power Paragon	x						
STS - Layer Zero STS eSTS		x					
STS - Liebert STS	x		x				x
STS - Liebert STS2	x					x	
STS - MGE STS Epsilon							x
STS - MGE STS Galaxy							x
STS - PDI STS M5	x						
STS - PDI STS WaveStar	x						
STS - PDI STS-PDU	x						
STS - TwinSource STS	x						
STS - United Power	x						
STS - United Power STS FIM1	x						
Switchgear							
SWgear - Caterpillar SWgear EMCP3-S		x					
SWgear - CAT-ISO SWgear PowerLynx	x	x					
SWgear - SEL SWgear SEL-3530 Cltr		x					
SWgear - ASCO SWgear VPI	x	x					
Trip Units							
Trip - C-H Trip BIM PXG400-600		x					
Trip - C-H Trip Digitrip 520MC EMint		x			x		x
Trip - C-H Trip Digitrip 800							x
Trip - C-H Trip Digitrip 810					x		x
Trip - C-H Trip Digitrip 910		x					x
Trip - C-H Trip Digitrip 1150	x	x			x		x
Trip - C-H Trip Digitrip 1150 PXG400-600		x					
Trip - C-H Trip Digitrip 1150 PXG600 Waveform		x					
Trip - C-H Trip Digitrip 1150 RS232PONI							x
Trip - C-H Trip Digitrip 3000		x					x
Trip - C-H Trip Digitrip OPTIM 1050		x					x
Trip - C-H Trip Digitrip OPTIM 1050 Waveform							x
Trip - C-H Trip Digitrip OPTIM 550		x					x
Trip - C-H Trip Digitrip OPTIM 750					x		x
Trip - C-H Trip MP3000 PXG400-600		x					
Trip - C-H Trip MP4000 PXG400-600		x					
Trip - GE Trip MicroVersaTrip -C -D							x
Trip - GE Trip MicroVersaTrip PM-B							x
Trip - GE Trip MicroVersaTrip Spectra							x
Trip - Siemens Trip Sentron SBE Energy Comm Breaker							x
Trip - SquareD Trip MicroLogic 50A	x	x					
Trip - SquareD Trip MicroLogic 60A	x	x					
Trip - SquareD Trip MicroLogic 60P	x	x					
Trip - Utility Relay Co Trip ACPRO Plus LCI	x						
Uninterruptible Power System							
UPS - Active Power UPS CS2 Flywheel MM	x	x					
UPS - Active Power UPS CS2 Flywheel	x					x	x
UPS - APC UPS Silcon	x					x	x
UPS - APC UPS Smart						x	
UPS - APC UPS Symmetra							x
UPS - APC UPS Symmetra Infrastruxure	x						
UPS - APC UPS Symmetra MW	x						
UPS - APC UPS Symmetra SNMP						x	
UPS - Best Power UPS Ferrups FD							x
UPS - Best Power UPS Ferrups FE							x
UPS - Best Power UPS Unity1						x	x
UPS - Borri UPS B5000							x

Hardware Type/Manufacturer	Modbus RTU	Modbus TCP	BACnetIP	LON	OPC	SNMP	Proprietary Protocol
UPS - Borri UPS S4000							x
UPS - Caterpillar UPS Rotary 300	x					x	
UPS - Chloride UPS 90Net							x
UPS - Chloride UPS 90Net Parallel TouchPanel		x					
UPS - GE UPS SG						x	
UPS - IPM UPS BP III UPS RevAD							x
UPS - IPM UPS BP Plus P-Record							x
UPS - Liebert UPS 600 SMS	x						
UPS - Liebert UPS 610 SM4	x						
UPS - Liebert UPS MultiModule DCLAN							x
UPS - Liebert UPS NPower	x					x	
UPS - Liebert UPS NX						x	
UPS - Liebert UPS NXL	x		x			x	
UPS - Liebert UPS Series 300			x			x	x
UPS - Liebert UPS Series 600 Multi Module SiteScan							x
UPS - Liebert UPS Series 600 SC4 SCC SiteScan	x						x
UPS - Liebert UPS Series 600	x					x	x
UPS - Liebert UPS SMS Series 300							x
UPS - Liebert UPS System Ctl Cabinet DCLAN							x
UPS - Liebert UPS UP3							x
UPS - Liebert UPS UPS3							x
UPS - MGE UPS Comet	x					x	
UPS - MGE UPS EPS6000							x
UPS - MGE UPS EPS6000 Sys Ctl Cabinet							x
UPS - MGE UPS EPS6000 Unitary Module							x
UPS - MGE UPS EPS7000							x
UPS - MGE UPS EPS7000 Sys Control Cabinet							x
UPS - MGE UPS EPS7000 Unitary Module							x
UPS - MGE UPS EPS8000							x
UPS - MGE UPS EPS8000 Sys Ctl Cabinet							x
UPS - MGE UPS EPS8000 Unitary Module							x
UPS - MGE UPS Galaxy 3000	x					x	
UPS - MGE UPS Galaxy PW	x						
UPS - MGE UPS Galaxy						x	
UPS - Mitsubishi UPS 2033C							x
UPS - Mitsubishi UPS 9700							x
UPS - Mitsubishi UPS 9800						x	x
UPS - Mitsubishi UPS 9800AE CLC MultiMod MUCM RTU	x						
UPS - Mitsubishi UPS 9900B		x					
UPS - Mitsubishi UPS 9900B CLC		x					
UPS - Piller UPS Uniblock III	x					x	x
UPS - Power Tecnique UPS Kasar3						x	
UPS - Powerware UPS 5115							x
UPS - Powerware UPS 5125						x	
UPS - Powerware UPS 80-375							x
UPS - Powerware UPS 9120							x
UPS - Powerware UPS 9125							x
UPS - Powerware UPS 9150							x
UPS - Powerware UPS 9155						x	
UPS - Powerware UPS 9170 Plus						x	x
UPS - Powerware UPS 9305							x
UPS - Powerware UPS 9315 Hot Tie Ctl	x						
UPS - Powerware UPS 9315 RT	x					x	
UPS - Powerware UPS 9315 SBM	x					x	x
UPS - Powerware UPS 9315 UPM	x	x				x	x
UPS - Powerware UPS 9320						x	x
UPS - Powerware UPS 9330						x	x
UPS - Powerware UPS 9335							x
UPS - Powerware UPS 9355		x				x	
UPS - Powerware UPS 9390	x					x	
UPS - Powerware UPS 9390 Hot Sync						x	
UPS - Powerware UPS 9395	x	x				x	

Hardware Type/Manufacturer	Modbus RTU	Modbus TCP	BACnetIP	LON	OPC	SNMP	Proprietary Protocol
UPS - Powerware UPS 9395 Hot Tie	x						
UPS - Powerware UPS Avaya							x
UPS - Powerware UPS BladeUPS						x	
UPS - Powerware UPS Plus 18-36							x
UPS - Powerware UPS Plus 40-500							x
UPS - Powerware UPS Plus 6							x
UPS - Powerware UPS Plus 750							x
UPS - Powerware UPS Prestige							x
UPS - Powerware UPS Scantek Megaware							x
UPS - Thycon UPS							x
UPS - Toshiba UPS G8000 Remoteye2						x	
UPS - Toshiba UPS G8000MM Protonode		x					
UPS - UPS Ltd UPS Powerwave 9000							x
Variable Frequency Drives							
VFD - ABB VFD ACH400							x
VFD - ABB VFD ACH500 Series							x
VFD - Danfoss VFD VLT 6000	x						
VFD - Eaton VFD HVX9000	x						
VFD - Eurotherm VFD 690							x
VFD - Eurotherm VFD 690 Plus							x
VFD - Saftronics VFD C10	x						
VFD - Telemecanique VFD ATV61	x						
VFD - Yaskawa VFD E7	x						
Weather Monitoring Systems							
Weather - Boltek Weather LDS250 Lightening Detect							x
Weather - Davis Weather Vantage Pro Weather Station							x
Weather - Davis Weather Vantage Pro2 Weather Station							x
Weather - Global Atmos Weather 520 Series Lightning Detect							x
Weather - Rugid Computer Weather RUG9 Weather Station							x

* NOTE: These specifications are subject to change without notice and represent typical configurations that may require additional connectivity products in conjunction with Foreseer. Features and functionality may vary depending on selected options and product model, and depending or the communication methods being used, some device specific parameters may not get always passed through to the software. Please refer to the Technical Data Sheets and User Manuals for detailed specifications and parameter availability. Please refer to the HWCL posted at www.eaton.com/4cr for latest version and details.

Device Driver Categories		
Device Type	**Description**	Examples (not all inclusive)
AC	HVAC Systems	Airflow, APC, DataAire
ATS	Automatic Transfer Switch	ASCO, Cutler-Hammer, GE Zenith
BAS	Building Automation Systems; encompasses systems variously known as Building Management Systems, SCADA	Siemens Apogee, Rockwell RSView, Tridium Niagar JACE
BCM	Branch Circuit Monitor	Powerware EMS, Veris H704, PDI BCMS
BMS	Battery Monitor System	Alber, BTech, Cellwatch
Chiller	Chiller Plants and In-row rack chillers	APC, Carrier, Liebert
DAQ	Data Acquisition Module; typically converts digital and analog signals into Serial and Ethernet protocols. Often DAQ devices support several types of sensors to monitor temp, humidity, door status, leaks, luminocity, and others.	Foreseer DAT and UIE II, Sensatronics, Netbotz, Netguardian
DCPlant	DC Power Plat; typically consists of a system or controller component, and some number of rectifies.	Benning, Eaton Swichtec
EnvMon	Environmental Monitor; Temp humidity probes and controllers, Xfmr temp monitors, particle counters,	APC ISX Env Monitor, Eaton EMP, Lighthouse particle counter
Fire	Fire Panels	Fike, Kidde-Fenwal, Siemens
Fuel	Fuel and Tank Monitors	Earthsafe, Omntec, Pneumercator, Veeder-Root
GenSet	Generator Sets and GenSet Controllers	Basler Controllers, Caterpillar, Kohler, Onan
Leak	Leak Detection Systems	Liebert, RLE, Tracetek
Meter	Power Meters; does not include branch circuit monitors	Cutler-Hammer, Eaton, SquareD, Siemens, ElectroIndustries, PML
Misc	Miscellaneous category, for those devices that just don't fit well iwth others	C-H TVSS, Maintenance Scheduler, Unicass Lone Worker Monitor
PDU	Power Distribution Unit; does not include RPP or rack power strips.	APC, Liebert, PDI, Powerware
PLC	Programmable Logic Controller. Many devices include PLCs for commuications gateways, protocol translation, and as the brains of whatever system they are incorporated into; this driver category is typically for stand-alone PLCs that are not better described as a larger "system"	Allen-Bradley, Eaton ELC, Modicon, TWIDO
PowerStrip	Rack Power Strip	Powerware ePDU, APC, BayTech
Protocol	Open protocol drivers, which are used as the basis for developing drivers for devices that support the protocol.	Modbus, SNMP, BACnetIP, OPC
ProtRelay	Protective Relay. Includes relays that protect feeders, motor control, generator, and others from power faults and surges.	Basler, Cutler-Hammer, Schweitzer Lans (SEL), Siemens

RPP	Remote Power Panel	APC, Liebert, PDI, Powerware
STS	Static Transfer Switch	Cyberex, Eaton, Liebert
Switchgear	Power Train Control, where GenSets, ATSs, Relays, and Metering are being monitored and controlled by a supervisory system	CAT-ISO, ASCO VPI
Trip	Trip units	Cutler-Hammer, GE, Siemens, SquareD, ElectroIndustries, PML
UPS	Uniterruptible Power Supply; includes battery and flywheel systems	Active Power, APC, Liebert, Powerware
VFD	Veriable Frequency Drive	ABB, Eaton, Yasakawa
Weather	Weather Stations, Temp and Humidity Sensors	Boltek Lightening Detection, Davis Weather Stations, Rugid Computer Weather Station