

Network Communication Controller (NCC) Protocol List

(Sorted Alphabetically)

NCC	Protocol	Product Supported	Master, Slave, Peer	Media Supported	Description
AB1	DF-1 TCP	MISER	M	Ethernet	AB PLC-5 /80E or SLC500 unit on TCP/IP with network in MISER master. Non-redundant version of ABENCC, with the same point mappings.
ABE	DF-1 TCP	MISER	M	Ethernet	TCP/IP network connection to Allen-Bradley PLC-5. Redundant configuration . Enhanced Ethernet PLC-5 programmable controllers operating over a TCP/IP Ethernet network.
AND	Andover ASCII commands	MISER	M	RS-232	Andover AC256 Plus communication via Serial Interface with a MISER Master
ASI	ASI protocol	2500/86, 25x86	M	RS-485	ASIC 8055/8255 controller
BAC	BACNET BACNET/IP	MISER	M	Ethernet, UDP	Communicates with Alerton's VLC devices over a BACNET network with MISER master.
BRB	BSAP Network-300	MISER	M	Modem via Leased Phone Lines	Bristol Babcock - Network-300 Communication
CAL	HPIB	MISER	M	HP-IB (IEEE RS-232 & 488)	Serial communication with Hewlett-Packard 59501B test calibration units.
CPC	Compucom specific protocol	MISER	M	RS-232	Communicates with Compucom RTU's using a radio master PC
DAR	DTMF	MISER	M	900 MHz Radio	MDS 2000 and MDS 960 radio diagnostic information, Data Acquisition Radio. Microwave Data Systems (MDS)
DLT	DELTA 1000	MISER	M	RS-232	Delta 1000 - data gathering panels
DNP	DNP 3.0	MISER	M	Ethernet	Communicates with DNP devices (IED or RTU) over a TCP/IP network using DNP 3.0 communications protocol.
ELV	RVU protocol	MISER	M	Direct RS-232, Modem, Line Driver	Communicates with the CEC Remote Video Unit devices (RVU) used to control elevators.
ENCIP	Ethernet/IP and CIP	MISER	M	Ethernet	AB PLC 1784 and other industrial control devices using CIP (Control and Information Protocol) over EtherNet/IP (Ethernet Industrial Protocol) such as Rockwell Automation

					ControlLogix PLCs.
ESC	M-1000 protocol	MISER	M	Dial-up Phone Lines	Communicates with DigiMetrix Monitor M-1000 devices. (Escalators)
GEF	GE FANUC 90-30 protocol	MISER	M	Ethernet	Communicates with General Electric FANUC 90-30 PLC devices over a TCP/IP network with MISER master.
GEH	MODBUS PLUS	MISER	M	Direct RS-232, Modem, Line Driver, MODBUS Plus	Interface to Modicon PLCs and other Modbus capable devices. Communicates with General Electric Power Leader Electronic Power Meters .
GEM	MODBUS TCP	MISER		Ethernet	Communicates with General Electric FANUC 90-30 PLC devices over a TCP/IP network using MODBUS RTU Slave communications protocol.
GENA_SERVER	GENA protocol	MISER	S	TCP, Ethernet	Communications with GENA client to transfer data to another system.
GEP	MODBUS RTU	MISER	M	Direct RS-232, Modem, Line Driver, MODBUS Plus	Interface to Modicon PLCs and other Modbus capable devices. GE FANUC PLC on serial communication with MODBUS RTU protocol.
GER	GE Fanuc 90-30	MISER	M	Ethernet TCP	Communicates with General Electric FANUC 90-30 PLC devices over a TCP/IP network. Redundant configuration.
GES	SNP-X	MISER	M	RS-232/RS-485	Communicates with General Electric FANUC 90-30 PLC devices using SNP-X serial communications protocol.
GEW	GE SNP	MISER	M	TCP, Ethernet	Communicates with GE PLCs using %S, %I, %M, and %R memory types
GPS	TRUETIME Network Clock protocol	MISER		Direct RS-232, Modem, Line Driver	Time and Frequency Receiver. Global Positioning System MISER interface to TrueTime XL-DC-600 GPS
GYR	TELEGYR	MISER	M	Direct RS-232	Landis & Gyr TELEGYR 5500 communication via serial interface with a MISER master.
GYS	GENISYS US&S	MISER	M	RS-232	SAFETRAN EVENT ANALYZER / RECORDER (SEA/R) 80250 communication via serial Interface with a MISER master.
	HSQ 2500	2500, 25180 2500/86, 25x86	S	Direct RS-232, Modem, Line Driver, Leased Line, Dial-up Line, Radio, Fiber- Optic, Ethernet	Protocol is fully implemented on all HSQ platforms. Supports polling, quiescent reporting, COS with time stamp, program/database download from host.

HST	HSQ 2500	MISER	M	RS-232, Ethernet	Communication with HSQ RTU units
HSTRED	HSQ 2500	MISER	M	Ethernet	A hot standby system of two RTUs connected in a failover configuration.
ICCP_SERVER	ICCP protocol	MISER	S	TCP, Ethernet	Communications with ICCP client to transfer data on electrical systems.
IEC	IEC-870-5	2500/86, 26x86 MISER	S, M	Direct RS-232, Modem, Line Driver, Radio Satellite	Siemens implementation. Communications with IEC 870-5-101 devices.
INM	INMARSAT	2500/86, 25x86 MISER	M		RTU & MISER software adapted to interface HSQ 8-bit RTU protocol to Thrane & Thrane satellite transceiver. RTU can be configured to perform true Spontaneous Report By Exception. INMARSAT standard
LGR	BSAP	MISER	M	RS-232	Bristol Babcock data loggers. Listen to ASCII messages
LIE	Emerson Standard Protocol (ESP)	MISER	M	Direct RS-232, Modem, Line Driver	Serial communications between the MISER master and Liebert Series 300DT three phase UPS using Emerson Standard Protocol (ESP)
LMU	SC1801 protocol	RTU-HSQ 2500/86 MISER	M	RS-232	Systems Control SC 1801 RTU devices.
MET	PCX ASCII commands	MISER	M	RS-232 & RS-485	Communications between a MetONE Particle Counter (PCX) and MISER master via a serial protocol interface.
MFM	MODBUS RTU	MISER	M	Direct RS-232, Modem, Line Driver	RTU communicates with Electro Industries Model DMMS-300+ using MODBUS RTU Protocol.
MOD	MODBUS	2500/86, 25x86, MISER	M, S	Direct RS-232, Modem, Line Driver, Radio	Serial communication with MODBUS RTU protocol. MODICON standard.
MODSLV	MODBUS RTU	MISER	S	RS-232	Communicates with MODBUS master system
MODTCP	MODBUS TCP	MISER	S	TCP, Ethernet	Communicates with MODBUS master system
MODTCP	MODBUS TCP	MISER	M	TCP, Ethernet	Communicates with MODICON PLCs
MPX	2001 RTUMPLXR v1.0	2001			Communicates with HSQ 2001 (MUX) devices.
MUL	MODBUS RTU	MISER	M	RS-232	Serial communication with MULTILIN SR469 and SR750 devices using MODBUS protocol in RTU mode.

NMEA_READ	NMEA protocol	MISER	S	RS-232	Communicates with GPS devices (like Garmin) to get the current time
NRR	HSQ NRR	MISER	M	RS-232	Communicates with HSQ Non-Record Reporting RTUs
<u>NSH</u>	LAN Packet Protocol - Metricom proprietary	MISER HSQ 2500/86	M, P	WAN Packet Radio	HSQ protocol implemented within the Metricom message packets.
<u>NVL</u>	ALERT	MISER	M	Radio	Standard serial communications protocol used by equipment collecting hydrological data. Interfaced to NOVALYNX 5096 transmitter. The same protocol is used by the National Weather Service NOVALYNX Flood Alert System.
PAR	Memory access	MISER	M	Memory	Communication with a map board display
PENTA	PENTA	MISER	M	TCP, Ethernet	Communicates with Penta Masters PCs
PIE	DF-1 TCP	MISER	M	Ethernet	Allen Bradley Pyramid Integrator with TCP protocol
PIV	BUS access	MISER	M	VAX Bus	Allen Bradley Pyramid Integrator with MicroVAX
PLC-2	DF-1	MISER	M	RS-232	Allen Bradley PLC 2 on serial communication
<u>PLC-5</u>	DF-1	MISER	M	Direct RS-232, DH+	Half and Full Duplex PLC-5, SLC-500 interface to MISER host. DH+ interface via Allen-Bradley KF2 or KE interface module.
	DF-1	2500/86, 25x86	M	Direct RS-232, DH+	Interfaces Allen-Bradley PLC-5 and SLC-500 as remote I/O to HSQ RTU or Logic Processor
RAC	Verbatim	MISER		RS-232	RACO SCADA system - listen-only with Verbatim protocol
<u>RBC</u>	MODBUS	MISER	M	Direct RS-232	Serial communications with Robicon VFD/MultLine 269 Plus PLCs using MODBUS protocols in RTU mode.
<u>ROK</u>	ROCKLAND ASCII commands	MISER	M	Direct RS-232, Modem, Line Driver	Serial communications with Rockland System/90, Model 9020 , Signal Analysis Workstation.
<u>RTD</u>	Westronix ASCII compatible	MISER	M	Direct RS-232, Modem, Line Driver, RS-485	Communications interface to Westronix 3000 Digital Data Recorder and RTD's
<u>SEA</u>	8-bit SEABUS	MISER	M	Serial RS-485	Serial communications with Siemens Access Field Devices, including 4720 Power Meters, Static Trip III (ST3) Trip Units, and S7 I/O devices.

SIX	SIXNET Universal protocol	MISER	M	Serial RS-232, UDP	Serial or UDP communications to all SIXNET products, including VersaTRAK RTUs, and SIXTRAK, RemoteTRAK and EtherTRAK I/O.
SNMP	SNMP protocol	MISER	M	UDP	SNMP manager to get MIB's from network devices like: printers, routers, UPSs
<u>SQD</u>	SQUARE-D UPS protocol	MISER	M	Direct RS-232, Modem, Line Driver	Communicates with Square-D (EPS 3000) UPS units.
<u>TVM</u>	ASCII messages	MISER	M	RS-232	Communicates with Ticket Vending Machine (TVM) devices made by VenTek. Listen-only at ASCII messages
TYE	XYCOM protocol	MISER	M		Xycom 1806 FID
UNM	UNM ASCII commands	MISER	M	RS-232	Universal Network Monitor on dial up lines. (UNM)
<u>UPS</u>	Best UPS ASCII messages	MISER	M	Direct RS-232, Modem, Line Driver	Serial interface to Best FD10KVA and ME3.1KVA UPS systems.
VMB	VENUS 1500	MISER	M	RS-232, Ethernet	Daktronics Visual Message Board (VMB)
VPI	ALSTOM Data Train VIII	MISER	M	RS-232	ALSTOM Data Train communication via serial interface with ALSTOM VPI
<u>VTG</u>	VETAG	MISER	M	RS-232	WAYSIDE TWC VETAG communication via serial Interface with a MISER master.
<u>WIQ</u>	INCOM	MISER	M	Direct RS-232, Modem, Line Driver, RS-485	Interface to Westinghouse IQ-1000, IQ-DATA +II .
	INCOM	HSQ RTU-2500/86	M	Direct RS-232, Modem, Line Driver, RS-485	Interfaced to Westinghouse IQ-1000, IQ-DATA +II.
WTH	ASCII commands	MISER	M	RS-232	Communicates with Weather Station on dial-up lines.
<u>YOK</u>	YOKAGAWA ASCII commands	MISER	M	RS-232	Yokagawa HGM200 communication via Serial Interface with a MISER master. Yokogawa Refrigerant Gas Area Monitor: HGM200 and PEM800 devices.