



SIEMENS S7-300, S7-400, S7-1200, S7-1500 PLC .NET control

Overview:

The Siemens S7 MPI driver works to exchange data between OPC clients and Siemens S7-300 and S7-400 PLCs using the MPI protocol. The MPI interface requires the use of the Siemens S7 MPI serial port adapter available from your Siemens dealer. The serial port MPI adapter allows it to communicate with Siemens S7-300 and S7-400 PLCs at either 19.2 Kbaud or 38.4 Kbaud. The driver talks directly to the MPI interface cable without additional software packages or libraries.

Properties Screen Shot

Property	Value
Busy	False
CFCCode	0
CFCExpected	0
CFCMode	parCFCDisabled
Connected	False
DataLength	1
Demo	False
GenerateMember	True
IPAddr	127.0.0.1
IPPort	502
LocalIPAddr	
MemType	OutputCoils_0
Modifiers	Friend
NoComm	False
PLCAddr	1
PLCFunction	READ
PollingInterval	0
Protocol	RTU
Result	0
ReverseBytes	False
RxChecksum	0
ShowMsg	False
StartAddr	1
TimeOut	1000
TransactionTime	0
TxChecksum	0
UseDWORD	False
ZeroBased	False

Features

- Supports all Siemens PLC's or any other device which uses ISOTCP protocol.
- high-speed communication
- suitable for transferring medium-to-large data volumes (<=8192 bytes)
- routing capability (i.e. can be used in the WAN)
- package-oriented data transfer
- dynamic data lengths are possible
- Performance - 500mhz Pentium - 10 words: 15msecs - 100 words: 35msecs (avg)
- Level 4 of the ISO-OSI reference model
- Up to 16 nos. of possible connections per S7-300 CP
- Up to 64 nos. of possible connections per S7-400 CP

For More Info:

Overview of Parijat Drivers: [Click here](#)

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List of Supported Devices:

Hilscher Netlink MPI
Siemens CP243 Comm module
Siemens CP343
Siemens CP343 Comm module
Siemens CP443 Comm module
Siemens PLCs
Siemens S7
Siemens S7-1200
Siemens S7-200
Siemens S7-300
Siemens S7-400