

Siemens S7-1500

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Supported Series

Siemens S7-1500 series Ethernet.

Website: <http://www.siemens.com/entry/cc/en/>

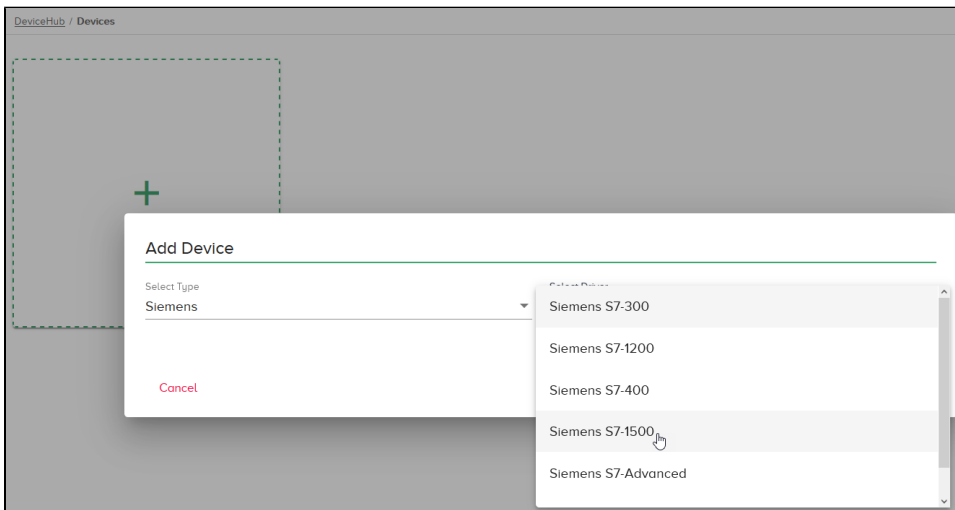
PLC Connection Settings

Parameters	Recommended	Options	Notes
PLC Type	Siemens S7-1500 absolute addressing (Ethernet)		
PLC Interface	Ethernet		
Port #	102		
PLC Station #	2		
Rack	0		
CPU Slot	1		

LoopEdge DeviceHub Configuration

To configure DeviceHub for this Siemens S7-1500 Ethernet PLC:

1. **DeviceHub > Add Device**
Type: Siemens
Driver: Siemens S7-1500



2. Enter details specific to your environment and click **Add Device**.

Add Device

Select Type: **Siemens** | Select Driver: **Siemens S7-1500**

Name: _____
This is a Device Name.

Description: **S7-1500 PLC**
This is a description of device.

Network Address: **192.168.0.1** | Network Port: **102**
This is a IP Address of device. | This is a network port of device.

Slot Number: **1**
This is a slot number of device.

Supported Device Types

S7-1500 Data Type	Data Format	Description
Byte	8-bit BCD, Hex, Binary, Unsigned	8-bit
SInt	8-bit BCD, Hex, Binary, Signed	8-bit
Bool	bit	bit
USInt	8-bit BCD, Hex, Binary, Unsigned	8-bit
Word	16-bit BCD, Hex, Binary, Unsigned	16-bit
Int	16-bit BCD, Hex, Binary, Signed	16-bit
UInt	16-bit BCD, Hex, Binary, Unsigned	16-bit
DWord	32-bit BCD, Hex, Binary, Unsigned	32-bit
DInt	32-bit BCD, Hex, Binary, Signed	32-bit
Real	32-bit Float	32-bit
UDInt	32-bit BCD, Hex, Binary, Unsigned	32-bit
Array		

Device Addresses

Bit /Word	DeviceType	Format	Range	Description
B	PE	DDDD	0 ~ 40950	
W	PE	DDDD	0 ~ 4095	
B	PA	DDDDd	0 ~ 40950	
W	PA	DDDD	0 ~ 4095	
B	MK	DDDDd	0 ~ 40950	
W	MK	DDDD	0 ~ 4095	

B	DB	DDDDd	0 ~ 327670	
W	DB	DDDD	0 ~ 32767	