

GUIDA ALLA CONNESSIONE E SETTAGGIO HMI/PLC

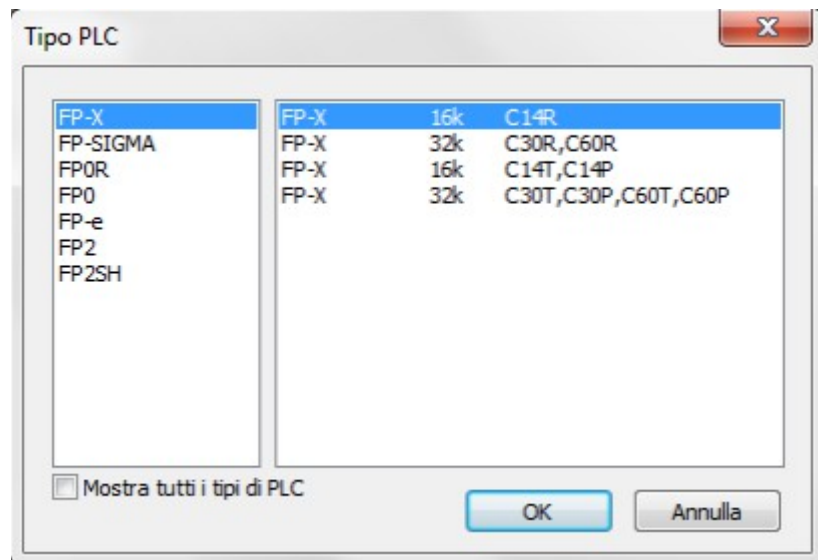
Comunicazione tra HMI Kite e PLC Panasonic FP-X



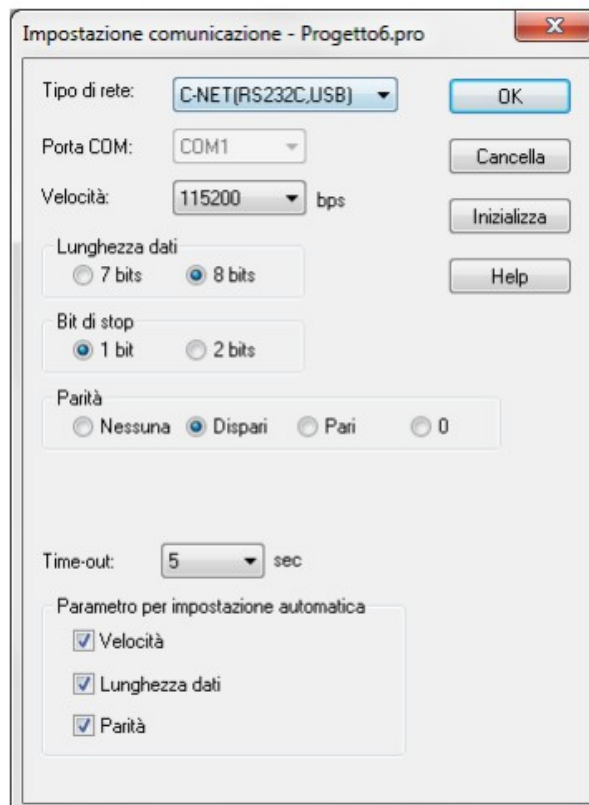
HMI COM Connection (DB9 Male)	PIN		PIN	PLC (RS232C) COM Connection (TOOL-Port)
RXD	2	←→	3	TXD
TXD	3	←→	5	RXD
GND	5	←→	1	SG

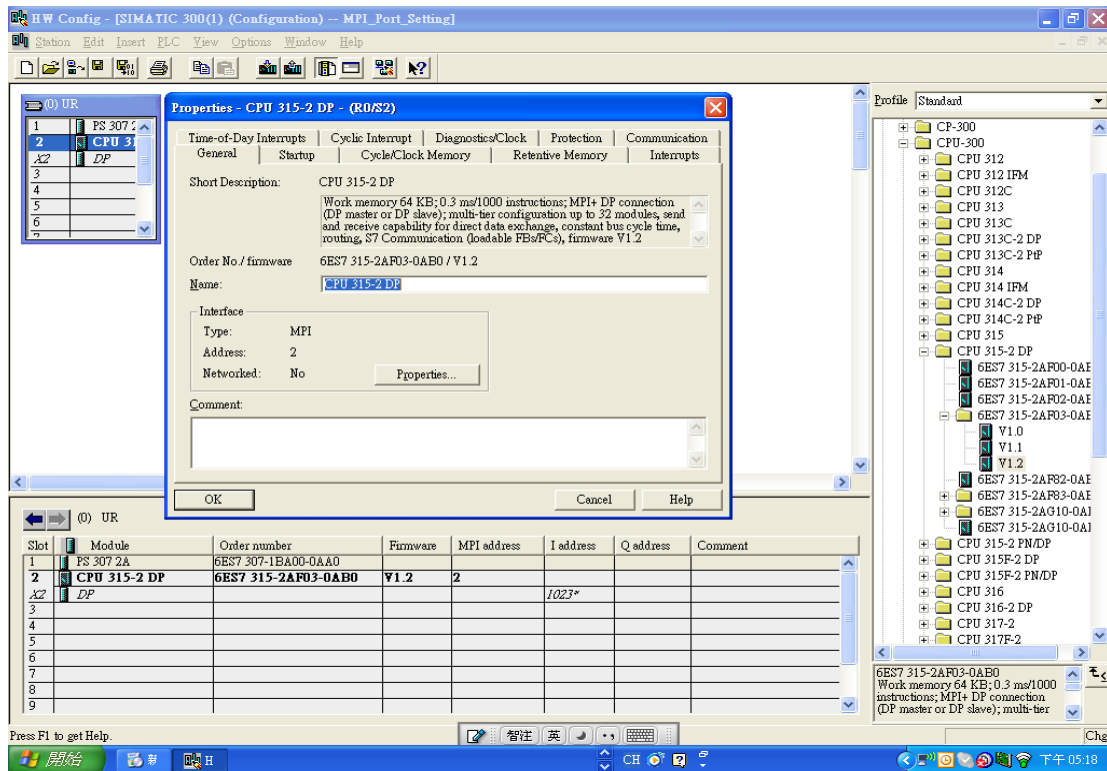
Configurazioni PLC Panasonic FP-X

1. Impostazioni PLC: Scegli il tuo PLC



2. Imposta i parametri di comunicazione





HW Config - [SIMATIC 300(1) (Configuration) -- MPI_Port_Setting]

Properties - CPU 315-2 DP - (R0/S2)

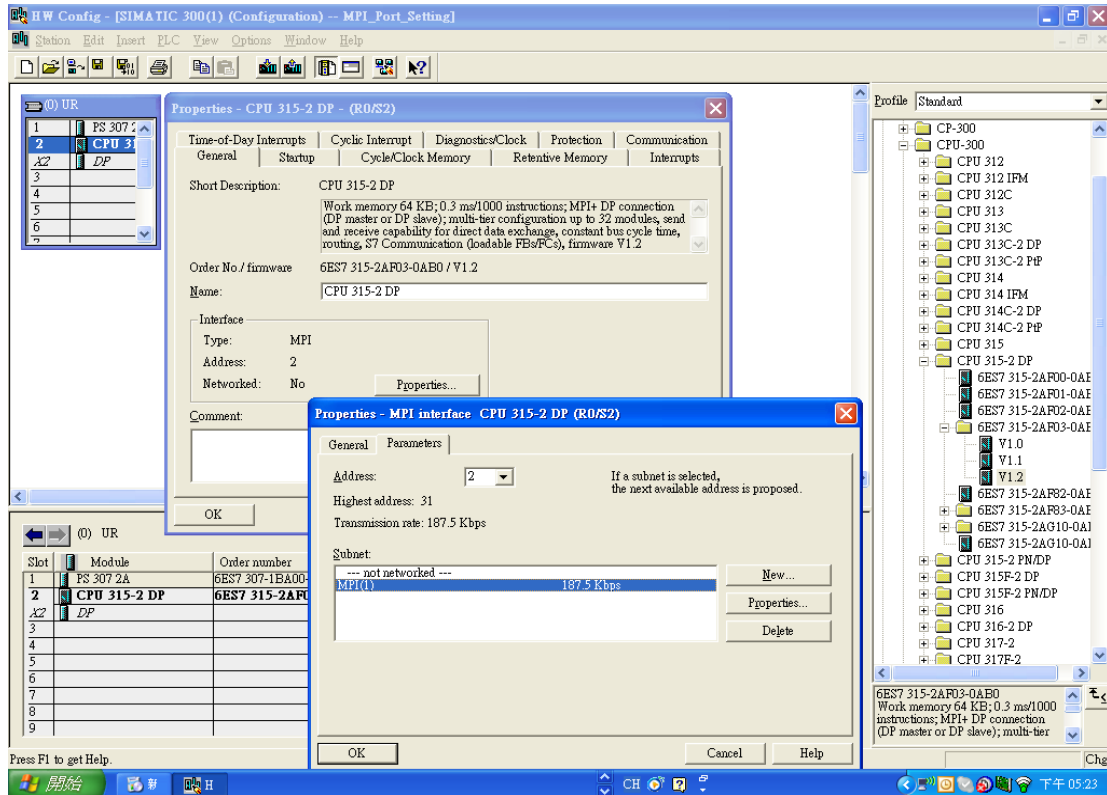
Short Description: CPU 315-2 DP
Work memory 64 KB; 0.3 ms/1000 instructions; MPI+ DP connection (DP master or DP slave); multi-tier configuration up to 32 modules; send and receive capability for direct data exchange; constant bus cycle time; routing, S7 Communication (loadable FBS/FCs), firmware V1.2

Order No / firmware: 6ES7 315-2AF03-0AB0 / V1.2

Name: CPU 315-2 DP

Interface: MPI
Type: MPI
Address: 2
Networked: No

Slot	Module	Order number	Firmware	MPI address	I address	Q address	Comment
1	PS 307 2A	6ES7 307-1EA00-0AA0					
2	CPU 315-2 DP	6ES7 315-2AF03-0AB0	V1.2	2			
3	DP				1023*		



HW Config - [SIMATIC 300(1) (Configuration) -- MPI_Port_Setting]

Properties - CPU 315-2 DP - (R0/S2)

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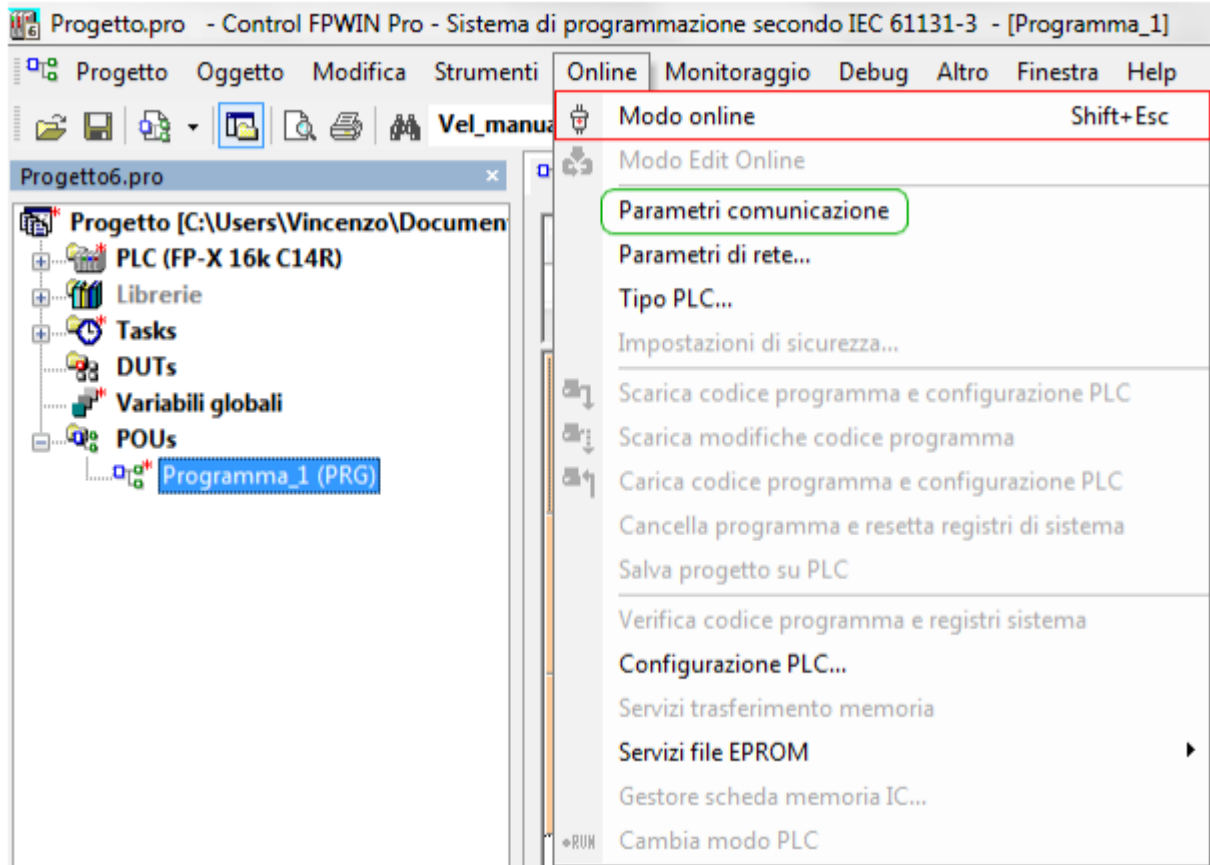
Properties - MPI interface CPU 315-2 DP (R0/S2)

General Parameters

Address: 2
Highest address: 31
Transmission rate: 187.5 Kbps

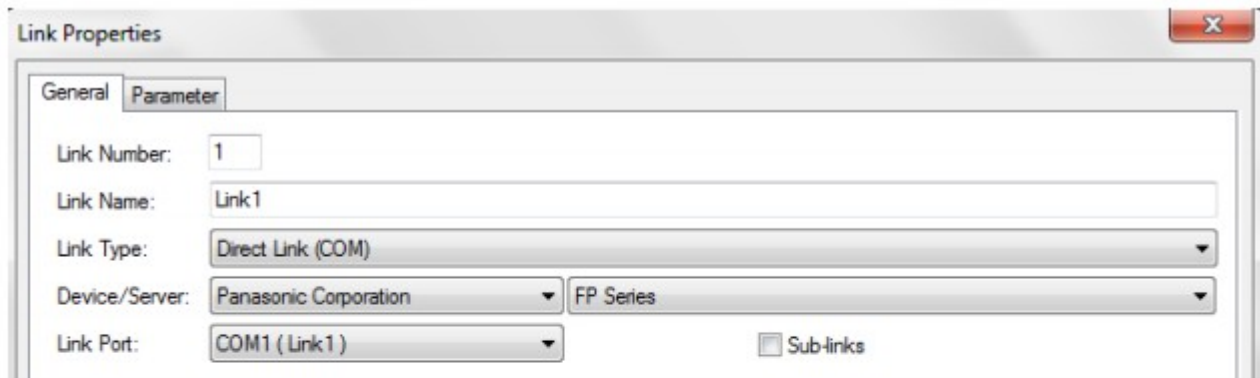
Subnet: MPI(1) 187.5 Kbps

3. Vai online



Configurazioni HMI

1. Selezionare il **Link Type**: Direct Link (COM) e il **Device/Server**: Panasonic – FP Series



Link Properties

General Parameter

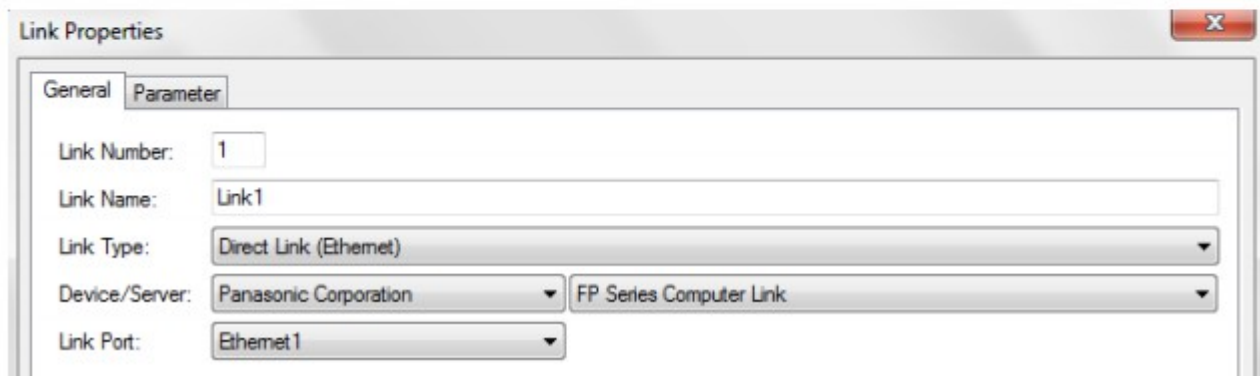
Link Number: 1

Link Name: Link1

Link Type: Direct Link (COM)

Device/Server: Panasonic Corporation FP Series

Link Port: COM1 (Link1) Sub-links



Link Properties

General Parameter

Link Number: 1

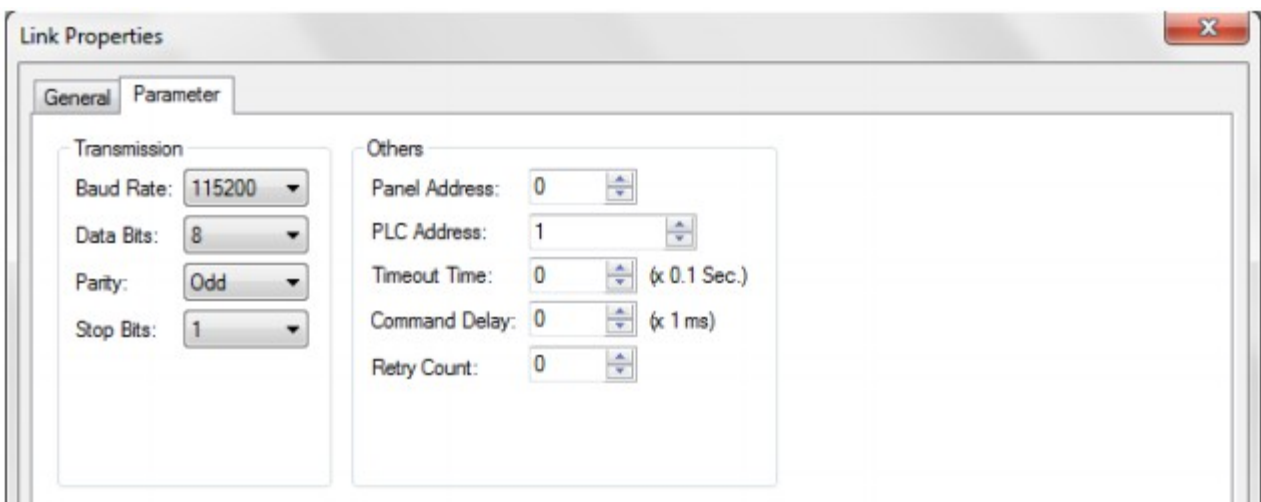
Link Name: Link1

Link Type: Direct Link (Ethernet)

Device/Server: Panasonic Corporation FP Series Computer Link

Link Port: Ethernet1

2. Settare i parametri di comunicazione identici a quelli configurati sul PLC.



Link Properties

General Parameter

Transmission

Baud Rate: 115200

Data Bits: 8

Parity: Odd

Stop Bits: 1

Others

Panel Address: 0

PLC Address: 1

Timeout Time: 0 (x 0.1 Sec.)

Command Delay: 0 (x 1 ms)

Retry Count: 0

Indirizzamento disponibile per il PLC Panasonic FP-X

Bit Devices:

Bit Device	Address Range	Block Address	Comment
Xnb	n: 0~511; b: hex. 0~f	b=0	
Ynb	n: 0~511; b: hex. 0~f	b=0	
Rnb	n: 0~886; b: hex. 0~f	b=0	
Rnb	n: 900~911; b: hex. 0~f	b=0	
Lnb	n: 0~639; b: hex. 0~f	b=0	
Tn	n: 0~3071	n=16q	
Cn	n: 0~3071	n=16q	

Word Devices:

Word Device	Address Range	Size	Comment
WXn	n: 0~511	Word	
WYn	n: 0~511	Word	
WRn	n: 0~886	Word	
WRn	n: 900~911	Word	
WLn	n: 0~639	Word	
SVn	n: 0~3071	Word	
EVn	n: 0~3071	Word	
DTn	n: 0~32764	Word	
FLn	n: 0~32764	Word	
LDn	n: 0~8447	Word	
DTn	n: 90000~90511	Word	