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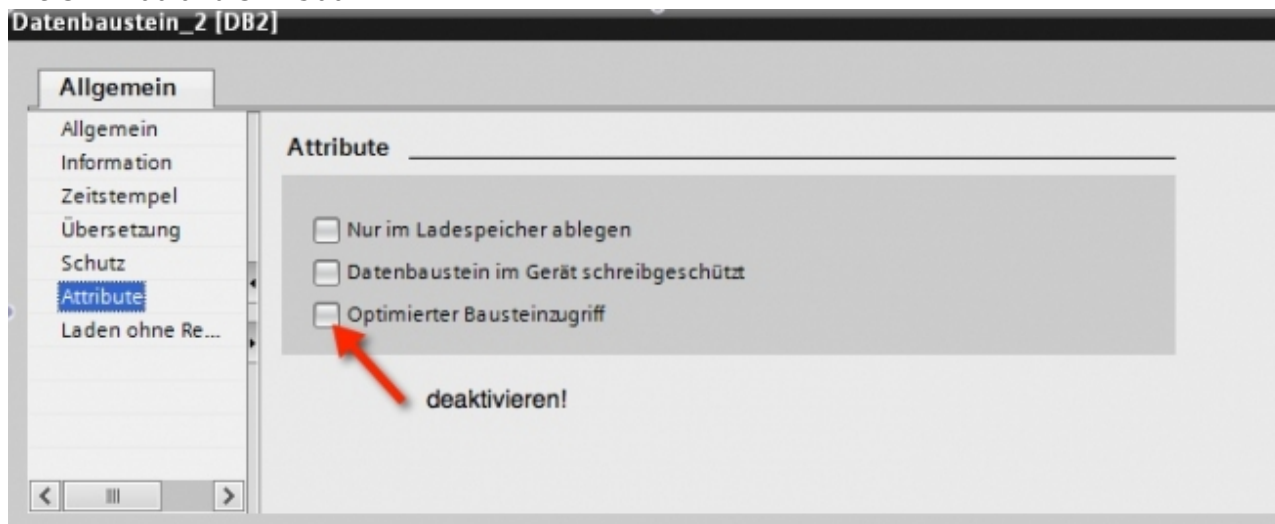
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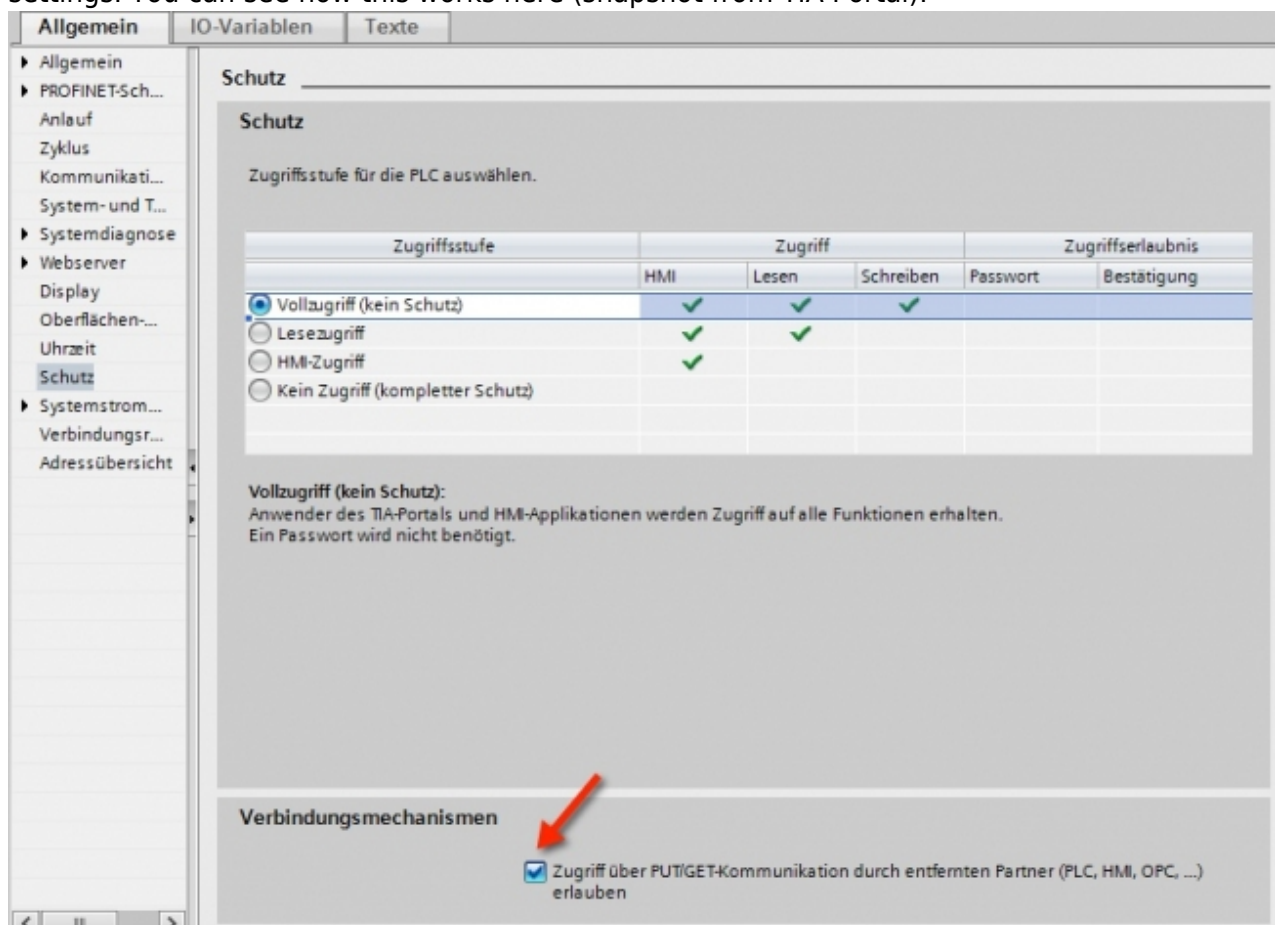
# PLC Settings

## Settings for S7-1200 / S7-1500

The optimized block access needs to be deactivated in the data block attributes for access to the S7-1200 and S7-1500.

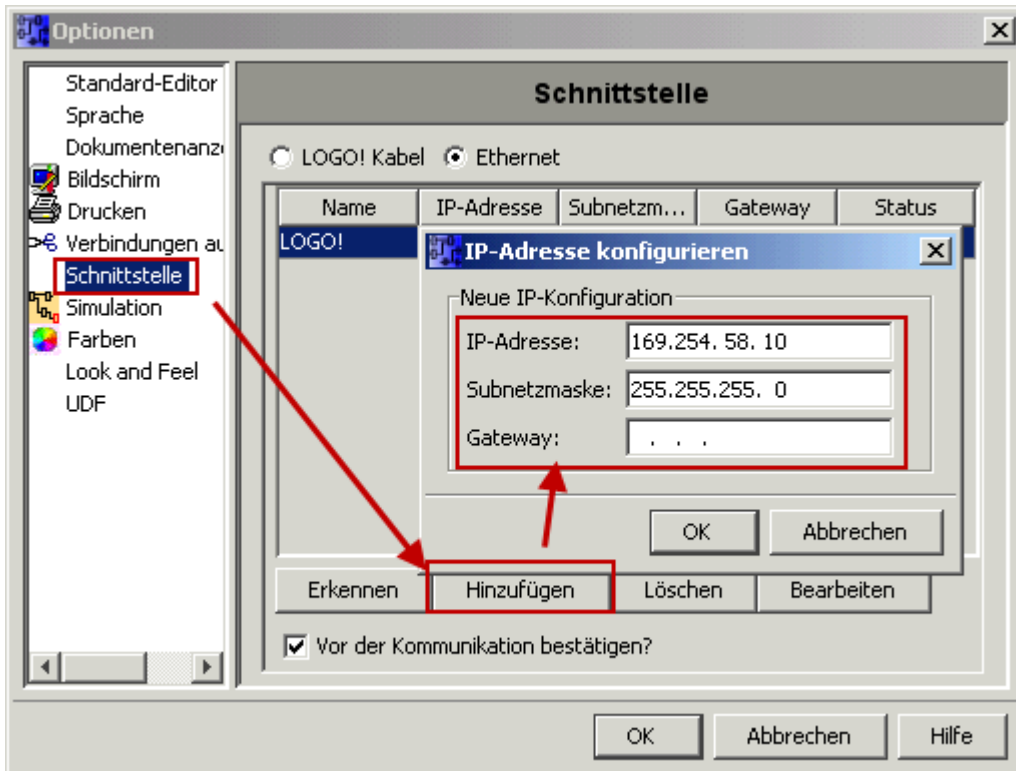


Additionally, in the S7-1500 the PUT / GET access must be enabled in the communication settings. You can see how this works here (snapshot from TIA Portal):

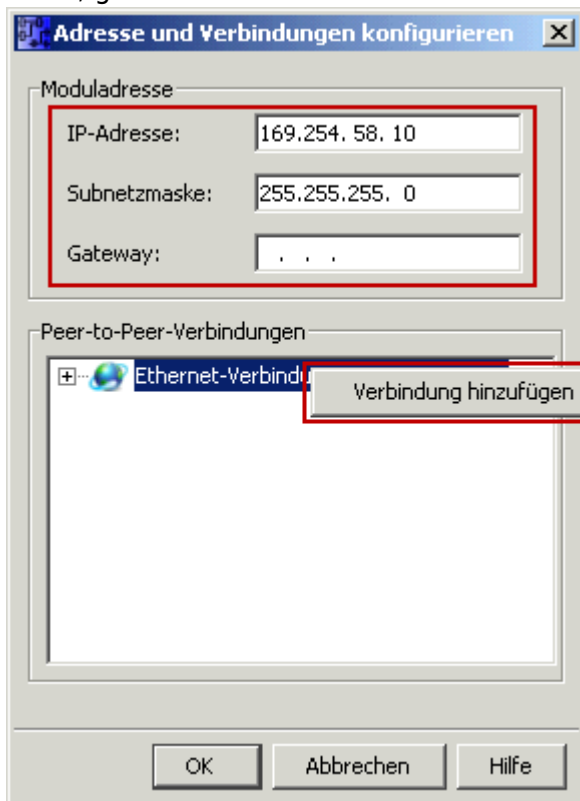


## Settings for LOGO!

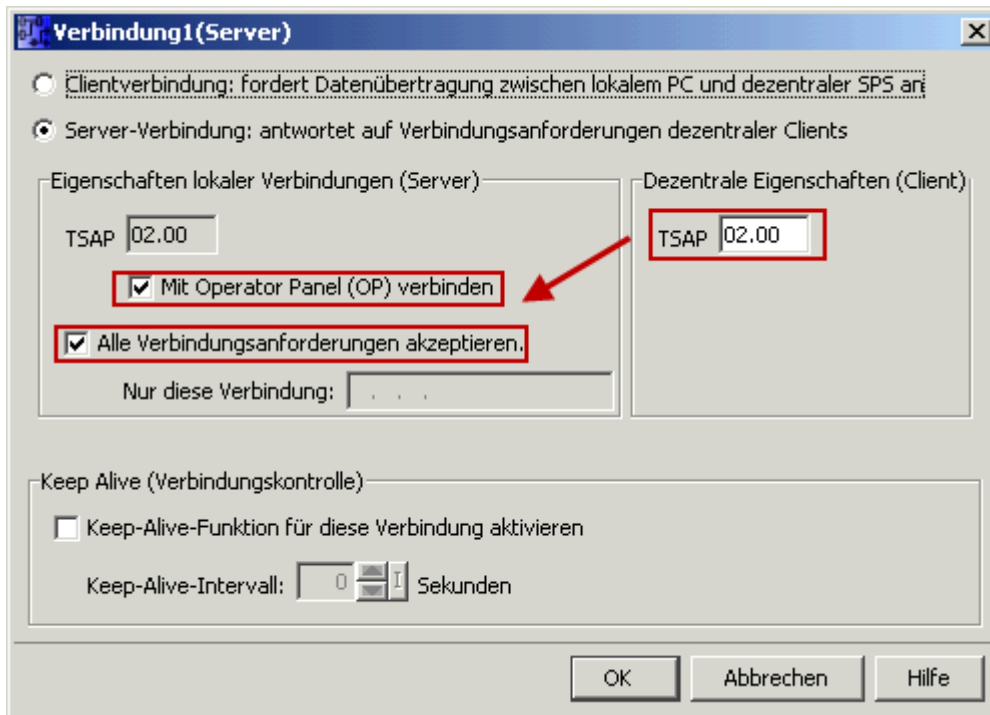
1. Use the LOGO!Soft Comfort to set the IP address of the LOGO! PLC:



2. Configure the LOGO! PLC in such way that connections from an HMI device are accepted. To do so, go to "Tools- > Ethernet Connections" and then add a new connection.



3. Double-click on the newly created connection to access the properties.



Select:

1. Server Connection
2. Local TSAP: 02:00 - 02:00 decentralized TSAP
3. accept all connections.

You can access DB1, inputs, outputs, flags, counters and timers with an IP-S7-LINK. Now via "Tools- > VM parameter map" set the variables that are to be transferred to the DB1.

## WinCC (TIA-Portal) Variablintabelle

Standard-Variablintabelle				
Name	Datentyp	Verbindung	...	Adresse
Ein-/Ausschaltverzögerung	Word	Verbindung_1	...	VW 0
<Hinzufügen>				

## LOGO!Soft Comfort

The screenshot shows a ladder logic diagram with a timer block labeled B002. Below it, the 'Konfiguration des variablen Speichers' (Configuration of variable memory) dialog box is open. The table in the dialog is as follows:

ID	Block	Parameter	Typ	Adresse
1	B002 [Ein-/Ausschaltverzögerung]	Aktualwert	Word	0
2				

Red boxes highlight the B002 block in the diagram and the first row of the table. Red arrows point from the 'Ein-/Ausschaltverzögerung' entry in the WinCC table above to these elements.

Pictures from [Siemens Support Portal](https://www.siemens.com)

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