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Direct connection via network - Notebook to E*LDS components



A crossover CAT5 patch cable is needed for a notebook direct connection via the network port of a notebook with Virtus Control Desk (VCD) via a browser or an installed LDSWin to an E*LDS component with network capability (e.g. *Cl 4400, Cl 4500, Cl 5x00, Virtus 5x10, WR 400, Combi Gateway, ...*). The notebook and E*LDS components must be configured with IP addresses from one address range.

As the E*LDS components are already preconfigured with an IP address (see page 2 for details),

generally "only" the notebook still has to be configured for this IP range.

However, alternatively, the E*LDS components can also be adapted to the IP range of the notebook; details can be found in their operating manuals.

Configuration of the notebook

This configuration is recommended:



First, call Network and Sharing Center in the Windows Control Panel. In the Network and Sharing Center select the appropriate Local Area Connection* under View your active networks.

* This item is only visible if the notebook is already connected via a crossover patch cable to the E*LDS component!

Status von LAN-Verbindung	23
Allgemein	
Verbindung	
IPv4-Konnektivität:	Internet
IPv6-Konnektivität:	Internet
Medienstatus:	Aktiviert
Dauer:	08:15:16
Übertragungsrate:	1,0 GBit/s
Details	
Aktivität	
Gesendet — 💵 -	— Empfangen
Bytes: 354.420.093	982.862.328
😵 Eigenschaften	Diagnose
	Schließen

Click on *Properties* on the window that then opens (see picture on the left).

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Netzwerk Freigabe			
Verbindung hersteller	n über:		
Intel(R) Ethem	et Connection I217	-LM	
		Konfigurien	en
Diese Verbindung ver	rwendet folgende E	lemente:	
🗹 🏪 Client für Mi	crosoft-Netzwerke		
🗹 县 VMware Brid	dge Protocol		
🗹 🛃 QoS-Paketp	laner		
🗹 📇 Datei- und 🛙	Druckerfreigabe für	Microsoft-Netzwerke	
🗹 📥 Internetproto	okoll Version 6 (TCF	P/IPv6)	
🗹 📥 Internetproto	okoll Version 4 (TCF	P/IPv4)	
🗹 🔺 E/A-Treiber	für Verbindungssch	nicht-Topŏlogieerkenr	iun
🗹 🔺 Antwort für \	Verbindungsschicht	-Topologieerkennung	
Installieren	Deinstallieren	Eigenschaft	ten
Beschreibung			
TCP/IP, das Stand	dardprotokoll für W/	AN-Netzwerke, das d	en
Datenaustausch u Netzwerke ermögli	ber verschiedene, i icht	miteinander verbunde	ne
. totemente ennogi			

In the Local Area Connection Properties window, select Internet Protocol Version 4 (TCP/IPv4)) and click on Properties.

The following settings must be made for the PC direct connection to an E*LDS component:

lgemein	
IP-Einstellungen können automatisch Netzwerk diese Funktion unterstützt den Netzwerkadministrator, um die g beziehen.	i zugewiesen werden, wenn das . Wenden Sie sich andernfalls an leeigneten IP-Einstellungen zu
IP-Adresse automatisch bezieh	en
Folgende IP-Adresse verwende	:n:
IP-Adresse:	10 . 0 . 28 . 1
Subnetzmaske:	255 . 255 . 255 . 0
Standardgateway:	
DNS-Serveradresse automatisc	h beziehen
Folgende DNS-Serveradressen	verwenden:
Bevorzugter DNS-Server:	
Alternativer DNS-Server:	
🔲 Einstellungen beim Beenden üb	perprüfen
	Erweitert
	OK Abbrechen

Example of a PC direct connection to Virtus/CI xx00:

•					
<i>IP address (of the notebbok):</i>	10.0.28. <mark>1</mark>				
Subnet mask:	255.255.255.0				
Default gateway:	(leave blank*)				
* For a direct connection using a crossover cable, the configuration					
of the default gateway is not nec	cessary and should be left blank!				

The *DNS server* does not have to be set. Confirm the input with *OK*.

The E*LDS components are preconfigured with the following IP addresses at the factory:

Virtus/CI xx00:	IP address:	10.0.28.66
	Subnet mask:	255.255.255.0
WR 400:	IP address:	192.168.161.2
	Subnet mask:	255.255.255.0
Combi Gateway	IP address:	192.168.161.66
	Subnet mask:	255.255.255.0

R

- Every IP address (e.g. 10.0.28.1 to 10.0.28.254) on the screen from the same network of the E*LDS component can be used except that of the component itself to be reached (for Virtus/CI xx00: 10.0.28.66). It should be noted here that the IP addresses and subnet masks for the E*LDS component and the notebook must be in the same network!
- If necessary, the IP addresses to be set must be requested from the network administrator.
- If, despite having correctly set the IP addresses, it is not possible to establish a connection, the proxy / firewall settings in the web browser must be checked. For a direct connection to the notebook the proxy must be disable and if necessary the firewall deactivated.
 Note: After use of the direct connection and before the connection to another network, the proxy / firewall must be enabled / activated again.