CITREX web server software enables you to analyse and log measurements of CITREX devices in a browser. The web server software provides real-time curves, trending, cursors and logging options in Excel format. The Ethernet connection of the CITREX devices provides you with easy access to the equipment via a network. You can track and analyse the measured real-time data on the computer. In addition, you can change settings on the device with the so-called configuration tool via the web browser.

For this, you need the following components:

- CITREX device
- 1×RJ45 cable
- Internet Explorer
- Microsoft Silverlight 5

If you are not using **any DHCP server**, you will need the **standard IP configuration** of the CITREX:

IP address: 192.168.1.1 Subnet mask: 255.255.255.0



Editorial

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Establishing a connection

There are **two options** for establishing a **connection** to the CITREX web server:

1. Connection with switch

This example illustrates the **wiring** for a **switch.** You can also connect the CITREX directly to the client with an **RJ45 cable.**



Direct connection

The two components can also be directly connected with an RJ45 cable.







Connection with DHCP

On the CITREX, switch to DHCP and **connect** it to your **network** using a conventional **RJ45 cable**. The **computer** also has to be connected **to the network**.

After this, navigate to Internet Explorer and enter **the IP address displayed** on the **CITREX.**



2. With a standard IP configuration

Connect the CITREX measurement device via a **network cable** to your computer and adjust the network settings.

Open the control panel on your computer.

All	Apps	Documents	Settings	Photos
Best m	atch			
<u>•</u>	Control App	Panel		\rightarrow
Apps				
S S	ettings			>

Figure 1: Windows control panel





Click the Ethernet connection, which in this example would be "Ethernet 2".

Network and Sharing Center				-	×
🕈 😫 > Control P	anel > Network and Internet > Network and Sharing	Center	~ Ö	Search Control Panel	P
Control Panel Home	View your basic network information a	and set up connections			
Change adapter settings	View your active networks				
Change advanced sharing settings	Domain network	Access type: Internet Connections: Ethernet 2			
Media streaming options		Im			
	Change your networking settings				
	Set up a new connection or network Set up a broadband, dial-up, or VPN con	nnection; or set up a router or access point.			
	Troubleshoot problems				
	Diagnose and repair network problems,	or get troubleshooting information.			
iee also					
ntrared					
internet options					

Figure 2: Network and sharing centre in Windows 10

Click "Properties".

General		
Connection -		
IPv4 Conne	ectivity:	Internet
IPv6 Conne	ectivity:	No network access
Media Stati	e:	Enabled
Duration:		2 days 22:06:44
Speed:		1.0 Gbps
Activity —		
Activity —	Sent —	— Received
Activity —— Bytes:	Sent — 20'113'676'208	
Activity Bytes:	Sent — 20'113'676'208	Received 836'064'201 Diagnose

Figure 3: Status window of the Ethernet interface

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CITREX web server



Double-click "Internet Protocol Version 4 (TCP/IPv4)".

Connect us	ina:			
🚽 Intel	(R) 82566DM-2 Gigal	oit Network (Connection #2	
			Configu	ure
This conne	ction uses the followi	ng items:		_
	Mware Bridge Protoci			
 ✓ Fi ✓ Q ✓ In ✓ M ✓ M ✓ In 	e and Printer Sharing oS Packet Scheduler ternet Protocol Versic icrosoft Network Ada icrosoft LLDP Protoc	on for Microsof on 4 (TCP/IP pter Multiple) ol Driver	t Networks v4) kor Protocol	>
	e and Printer Sharing oS Packet Schedulet ternet Protocol Versic icrosoft Network Ada icrosoft LLDP Protoc	i for Microsof on 4 (TCP/IP pter Multiplex ol Driver	t Networks v4) kor Protocol Propert	> ies

Figure 4: Settings window of Ethernet 2 connection

Enter a random **IP address** between **192.168.1.2 – 192.168.1.255**. The subnet mask is **255.255.255.0**. In our example the IP address 192.168.1.100.

Seneral								
You can this capa for the a	get IP settings a bility. Otherwise ppropriate IP se	assigned aut e, you need ettings.	omatically to ask you	if yo ur nei	ur n two	etw ka	vork su dminis	upports trator
Oobt	tain an IP addre	ss automatic	ally					
• Use	the following If	Paddress:						
IP add	ress:		192 .	168		1	100]
Subne	t mask:		255 .	255	. 2	55	. 0	1
Defau	It gateway:			87		0]
OObt	tain DNS server	address aut	omatically					
OUse	the following D	NS server ad	ddresses:					
Prefer	red DNS server	:		8	•]
Altern	ate DNS server:	:			•	j.]
	lidate settings u	pon exit					Advar	nced

Figure 5: Configuration of the Ethernet connection

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Open Internet Explorer and if you have not installed Microsoft Silverlight, you can download it (before you establish the connection) from the following link.

Download Microsoft Silverlight:

https://www.microsoft.com/silverlight/

Enter the standard IP address "http://192.168.1.1" in the search bar. Confirm with **<Enter>**. The web interface of the CITREX is displayed.



You can enter the owner and company in the web interface.

Glossary

Term	Description	Remarks
DHCP	Dynamic Host Configuration Protocol	Enables assignment of network configura- tions to clients via a DHCP server.
IP address	IP = Internet-Protocol	Assigned to devices connected to a network and in this way makes the devices address- able/available.

Web server software – ideal for convenient configuration of your CITREX measurement device.

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