TSX ETZ Configuration of your computer for TSX ETZ direct connection by serial link

Eng V1.0

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About the book



At a Glance Document Scope This manual contains examples of your computer configuration in order to access the TSX ETZ Module http server using its serial link. Revision History Image: Comments in the text of the text of text of

Configuration and connection for Windows 95

At a Glance		
Presentation	This non-exhaustive document is an example of your comp order to access the TSX ETZ Module http server using its s Although reasonable care has been taken to provide accur information in this document, no responsibility is assumed b for any consequences arising from the use of this documer	outer configuration in serial link. ate and authoritative y Schneider Automation nt.
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Configuration of the computer

Presentation Click on "Start", point to "Settings", and then click on "Control Panel". The following dialog box is displayed:



Double click on "Add / Remove Programs": in the menu "Add / Remove Programs Properties", click on the tab "Windows Setup".

The following dialog box is displayed:

Add/Remove Programs Properti	es ? 🗙
Install/Uninstall Windows Setup	Startup Disk
To add or remove a component, s the check box is shaded, only par installed. To see what's included i	elect or clear the check box. If t of the component will be n a component, click Details.
Components:	
🖌 💽 Accessibility	0.6 MB 🔺
Accessories	11.6 MB
🗹 📀 Communications	6.1 MB
🗆 🔊 Desktop Themes	0.0 MB
🗹 🤁 Internet Tools	4.6 MB 🖵
Space used by installed compone Space required: Space available on disk: Description	nts: 27.4 MB 0.0 MB 5810.5 MB
Includes accessories to help you and online services.	u connect to other computers
3 of 8 components selected	<u>D</u> etails
	<u>H</u> ave Disk
ОК	Cancel Apply

Select "Communications" and then click on "Details".

The following dialog box displayed:

Communications	×
To add or remove a component, click the ch box means that only part of the component w what's included in a component, click Details	eck box. A shaded ill be installed. To see
Components:	
🛛 🗹 😥 Dial-Up Networking	0.8 MB 📥
🗹 🚼 Direct Cable Connection	0.5 MB
🗹 🤏 HyperTerminal	0.6 MB
🗹 👒 Microsoft NetMeeting	0.0 MB
🗹 🔊 Phone Dialer	0.2 MB 🚽
Space required: Space available on disk:	3.1 MB 6210.0 MB
Enables you to connect to other computers or serial cable.	by using a parallel
	<u>D</u> etails
OK	Cancel

Add the components "**Dial-Up Networking**" and "**Direct Cable Connection**". Then click on "**OK**".

The following dialog box displayed:

Add/Remove Programs Properties	
Install/Uninstall Windows Setup Startup Di	sk
To add or remove a component, click the che means that only part of the component will be what's included in a component, click Details Components:	eck box. A shaded box installed. To see
Accessibility Options	0.4 MB 🔺
	9.8 MB
🗹 🗇 Communications	2.0 MB
🗆 🚭 Disk Tools	0.0 MB
🗆 💕 Microsoft Fax	2.6 MB 💌
Space required:	3.1 MB
Space available on disk:	6210.4 MB
Description	
Includes accessories to help you connect to and online services.	o other computers
5 of 5 components selected	Details
	Have Disk
OK Ca	ncel <u>A</u> pply

Insert the Windows 95 CD-ROM if needed and then click on "**OK**" to validate the component "**Communications**".

If the computer is not identified by the network component, you must follow these 2 steps:

1. The dialog box is diplayed:

Network	×
٩	You must provide computer and workgroup names that will identify this computer on the network.
	OK I



Network
Configuration Identification Access Control
Windows uses the following information to identify your computer on the network. Please type a name for this computer, the workgroup it will appear in, and a short description of the computer.
Computer name: engine
Workgroup: so-oil
Computer Description: portable-test
Close Cancel

2. In the tab identification, type the "**Computer name**" and the "**Workgroup**". Click on "**Close**".

Then, Window installs different files on this directory:

Copying Files
Source:
Vindeurs 95 CD POM
Destination:
C:\WINDOWS\winsock.dll
<u>52</u> %
Cancel

Dial-Up I	Networking Setup 🛛 🕅
٩	Your system settings are reconfigured. Restart your computer when Add/Remove Programs is complete to use Dial-Up Networking or Direct Cable Connection.

Click on "OK" to restart your computer.

Configuration of the direct cable connection

Presentation Click on "Start", point to "Programs -> Accessories", and then click on "Direct Cable Connection".

The following dialog box is displayed:



Check "Guest" and click on "Next".

The following dialog	box is displayed:
----------------------	-------------------

Direct Cable Connection		×
	 Select the port you want to use: Parallel cable on LPT1 Serial cable on COM1 Serial cable on COM2 Install New Ports NOTE: You must use the same type of port on both computers. Plug in your cable now. 	
	< <u>B</u> ack <u>N</u> ext > Cancel	

Select the serial port you want to use and click on "Next".

Note: The example is given with the communication port COM1. You can select either COM1 or another serial port on your computer.

The following dialog box is displayed:

Direct Cable Connection		×
	You have successfully set up the guest computer. If you have not already done so, run this wizard on the other computer, setting it up as the host.	
	< <u>B</u> ack Finish Cancel	

Click on "Finish" to complete set up.



Click on "Close". Before connecting, you must modify "Serial COM1" settings.

Note: If the connection is not closed fast enough, the user may get the message "Cannot connect to host".

Click on "Start", point to "Settings", and then click on "Control Panel". In the dialog box "Control Panel", double click on "System" icon. The dialog box "System Properties" is displayed:

System Properties 📕 🗐 🖻 🖭
General Device Manager Hardware Profiles Performance
• View devices by type C View devices by connection
Computer CDROM CDROM CDBlay adapters CDROM CDBlay adapters CDB
Properties Refresh Remove Print
OK Cancel

In the menu "System properties", select the tab "Device manager": click on "modem" and select "Serial cable on COM1". Then click on "Properties".

Serial cable on COM1 Properties	? ×
General Modem Connection Driver	
Serial cable on COM1	
Port: Communications Port (COM1)	
<u>Speaker volume</u>	
Low High	
<u>Maximum speed</u>	
57600	
Dnly connect at this speed	
ОК	Cancel

The dialog box "Serial cable on COM1 Properties" is displayed:

In the tab "**Modem**", select the communication port you want to use and the speed (**57600** bits per second). Then click on "**OK**" to get back to the dialog box "**System Properties**":

System Properties ? 🗙
General Device Manager Hardware Profiles Performance
• View devices by type • View devices by connection
Display adapters
Hoppy disk controllers
Parallel cable on LPT1
Serial cable on COM1
Serial cable on COM2
House Mouse
🗄 👻 😨 Other devices
Ports (COM & LPT)
Communications Port (COM1)
Generic Ir Senal Port (LUM2) Generic Ir Senal Port (LUM2)
Properties Refresh Remove Print

In the tab "Device Manager": click on "Ports (COM & LPT)" and select "Communications Port (COM1)". Click on "Properties".

Communi	cations Port ((COM1) P	rope	ties		<u>? ×</u>
General	Port Settings	Driver I	Resou	irces		
	<u>B</u> its per second:	57600			-	
	<u>D</u> ata bits:	8			•	
	<u>P</u> arity:	None			•	
	<u>S</u> top bits:	1			•	
	<u>F</u> low control:	None			-	
	<u>A</u> dvanced]		<u>R</u> estore De	faults	
				OK	Ca	ncel

Click on the tab "**Port Settings**" to adjust the speed at 57600 bits per second, 8 data bits, parity: None, 1 stop bit, Flow control: None, then click on "**OK**".

Click "OK" in the dialog box "System Properties" to complete the set up. Then close the "Control Panel" dialog box.

Procedure toDirinstall TCP/IPtheProtocol on yourcocomputerco

Direct Cable Connection may not work if you are using Dial up Networking with only the Net BEUI Protocol installed. You have then to install the TCP/IP Protocol on your computer. Steps to follow:

Step	Action
1	Click the Start button, point to Settings and click Control Panel.
2	Double-click the Network icon.
3	Click the Add button.
4	Click Protocol, then click the Add button.
5	Click Microsoft.
6	Click TCP/IP Protocol.
7	Click the OK button.

You must restart your computer before the new settings will take effect.

Connection to the TSX ETZ Module with null modem

Presentation First, connect the null modem between the computer and the TSX ETZ Module. Click on "Start", point to "Programs -> Accesories" and then click on "Direct Cable Connection".

The following dialog box is displayed:

Direct Cable Connec	tion 📃 🗌 🗙
	Check your settings, and then click Connect. Settings Guest computer set up to connect to host using Serial cable on COM1. Change
	Connect Cancel

Click on "Connect", then the following dialog box is displayed:



The connection may take several seconds.

Then, the dialog box is displayed:

Direct Cable Connection Host	×			
Direct Cable Connection was unable to display the shared folders of the host computer. To see the shared folders, type in the name of the host computer.				
Host computer name:				
OK Cancel				

Click on "**Cancel**" in the dialog box "**Direct Cable Connection Host**". Then the following dialog box is displayed:

🚦 🛛 Direct	Cable	Connection	
	Status:	Connected via Serial cable on COM1.	

You are currently connected to the TSX ETZ Module.

Open your internet browser with the IP Address **85.16.0.2** in order to access TSX ETZ http server.

Refer to the "TSX ETZ User Manual" to set up password, configure and diagnose TSX ETZ Module.

To shut down the connection, just click on "Close".

Configuration and connection for Windows 98

This non-exhaustive document is an example of your comported order to access the TSX ETZ Module http server using its set Although reasonable care has been taken to provide accuration in this document, no responsibility is assumed by for any consequences arising from the use of this document	uter configuration in erial link. te and authoritative Schneider Automation	
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Configuration of the computer

Presentation Click on "Start", point to "Settings", and then click on "Control Panel". The following dialog box is displayed:



Double click on "Add / Remove Programs": in the menu "Add / Remove Programs Properties", click on the tab "Windows Setup".

The following dialog box is displayed:

Add/Remove Programs Properti	es ? 🗙			
Install/Uninstall Windows Setup	Startup Disk			
To add or remove a component, select or clear the check box. If the check box is shaded, only part of the component will be installed. To see what's included in a component, click Details.				
Components:				
🖌 💽 Accessibility	0.6 MB 🔺			
Accessories	11.6 MB			
🗹 📀 Communications	6.1 MB			
🗆 🔊 Desktop Themes	0.0 MB			
🗹 🤁 Internet Tools	4.6 MB 🖵			
Space used by installed compone Space required: Space available on disk: Description	nts: 27.4 MB 0.0 MB 5810.5 MB			
Includes accessories to help you connect to other computers and online services.				
3 of 8 components selected	<u>D</u> etails			
	<u>H</u> ave Disk			
ОК	Cancel Apply			

Select "Communications" and then click on "Details".

The following dialog box displayed:

Communications	×
To add a component, select the check box, or don't want the component. A shaded box mea the component will be installed. To see what's component, click Details.	click to clear it if you ns that only part of included in a
<u>C</u> omponents:	
🗹 😰 Dial-Up Networking	1.2 MB 🔺
🔲 😰 Dial-Up Server	0.0 MB
🗹 🚉 Direct Cable Connection	0.4 MB
🗹 👒 HyperTerminal	0.8 MB
🗆 👒 Microsoft Chat 2.1	0.0 MB 💌
Space used by installed components:	27.4 MB
Space required:	1.0 MB
Space available on disk:	5810.5 MB
- Description	
Provides a connection to other computers vi cable.	a a parallel or serial
	<u>D</u> etails
ОК	Cancel

Add the components "**Dial-Up Networking**" and "**Direct Cable Connection**". Then click on "**OK**".

The following dialog box displayed:

Add/Remove Programs Properties	? ×			
Install/Uninstall Windows Setup Startup Disk				
To add or remove a component, select or clear the check box. If the check box is shaded, only part of the component will be installed. To see what's included in a component, click Details.				
<u>C</u> omponents:				
🗹 🐻 Accessibility	0.6 MB 🔺			
🗹 📻 Accessories	11.6 MB			
🗹 🧇 Communications	7.2 MB			
🗆 🔊 Desktop Themes	0.0 MB			
🗹 🥰 Internet Tools	4.6 MB 💌			
Space used by installed components: Space required: Space available on disk: Description	27.4 MB 1.0 MB 5810.5 MB			
Includes accessories to help you connect to ot and online services.	her computers			
5 of 8 components selected	<u>D</u> etails			
	<u>H</u> ave Disk			
OK Cance	el <u>A</u> pply			

Insert the Windows 98 CD-ROM if needed and then click on "**OK**" to validate the component "**Communications**".



Configuration of the direct cable connection

Presentation Click on "Start", point to "Programs -> Accessories -> Communications", and then click on "Direct Cable Connection".

The following dialog box is displayed:



Check "Guest" and click on "Next".

The following dialog box is displayed:

Direct Cable Connection		×
	Select the port you want to use: Parallel cable on LPT1 Parallel cable on COM1 Serial cable on COM4 Install New Ports NOTE: You must use the same type of port on both computers. Plug in your cable now.	
	< <u>B</u> ack <u>N</u> ext > Cancel	

Select the serial port you want to use and click on "Next".

Note: The example is given with the communication port COM1. You can select either COM1 or another serial port on your computer.

The following dialog box is displayed:

Direct Cable Connection		×
	You have successfully set up the guest computer. If you have not already done so, run this wizard on the other computer, setting it up as the host.	
	< <u>B</u> ack Finish Cancel	

Click on "Finish" to complete set up.



Click on "Close". Before connecting, you must modify "Serial COM1" settings.

Note: If the connection is not closed fast enough, the user may get the message "Cannot connect to host".

Click on "Start", point to "Settings", and then click on "Control Panel". In the dialog box "Control Panel", double click on "System" icon. The dialog box "System Properties" is displayed:

System Properties ? 🗙
General Device Manager Hardware Profiles Performance
View devices by type View devices by connection
Computer
🕀 💻 Display adapters
🗄 🚭 Floppy disk controllers
🕀 🚭 Hard disk controllers
Infrared devices
E • • • • • • • • • • • • • • • • • • •
Desellation black and DT1
Parallel cable on LPT1
Serial cable on COM1
Serial cable on COM4
Standard 56000 bps K56Flex Modem
P <u>r</u> operties Re <u>f</u> resh R <u>e</u> move Pri <u>n</u> t
OK Cancel

In the menu "System Properties", select the tab "Device Manager": click on "Modem" and select "Serial cable on COM1". Then click on "Properties".

Serial cable on COM1 Properties	? ×
General Modem Connection Driver	
Serial cable on COM1	
Port: Communications Port (COM1)	
<u>Speaker volume</u>	
Low High	
_ <u>M</u> aximum speed	
57600	
Only connect at this speed	
OK	ancel

The dialog box "Serial cable on COM1 Properties" is displayed:

In the tab "**Modem**", select the communication port you want to use and the speed (**57600** bits per second). Then click on "**OK**" to get back to the dialog box "**System Properties**":

System Prop	perties				? ×
General D	evice Manager)	Hardware	Profiles F	Performance	
• View	devices by <u>t</u> ype	O Vi	ew device:	: by <u>c</u> onnecti	on
	Neyboard Modem 20 Parallel cable 20 Parallel cable	e on LPT1 e on LPT3			
	Serial cable Serial cable Standard 56	on COM1 on COM4 000 bps K56	Flex Mode	m	
	Monitors Mouse Network adapter	IS			
	Other devices	dia Audio De	vice		
	Ports (COM & LP Communicative Printer Port (YT) ions Port (CC LPT1)	IM1)		•
P <u>r</u> ope	erties R	le <u>f</u> resh	R <u>e</u> mo	ve	Pri <u>n</u> t
				OK	Cancel

In the tab "Device Manager": click on "Ports (COM & LPT)" and select "Communications Port (COM1)". Click on "Properties".

Comm	unications Port (C	COM1) Prope	rties	<u>? ×</u>
Gen	eral Port Settings	Driver Reso	urces	
	<u>B</u> its per second:	57600		.
	<u>D</u> ata bits:	8		0
	<u>P</u> arity:	None		
	<u>S</u> top bits:	1		0
	Elow control:	None		0
		1		
_	<u>A</u> dvanced		<u>R</u> estore Def	aults
			OK	Cancel

Click on the tab "**Port Settings**" to adjust the speed at 57600 bits per second, 8 data bits, parity: None, 1 stop bit, Flow control: None, then click on "**OK**".

Click "OK" in the dialog box "System Properties" to complete the set up. Then close the "Control Panel" dialog box.

You must restart your computer before the new settings will take effect.
Connection to the TSX ETZ Module with null modem

Presentation First, connect the null modem between the computer and the TSX ETZ Module. Click on "Start", point to "Programs -> Accesories -> Communications" and then click on "Direct Cable Connection".

The following dialog box is displayed:

🛃 Direct Cable Connect	ion 💶 🗆 🗙
	Check your settings, and then click Connect. Settings Guest computer set up to connect to host using Serial cable on COM1. Change
	Connect Cancel

Click on "Connect", then the following dialog box is displayed:

🚦 Direct	Cable Connection	
	Status: User name and password verified.	Close

The connection may take several seconds.

Then, the dialog box is displayed:



Click on "**Cancel**" in the dialog box "**Direct Cable Connection Host**". Then the following dialog box is displayed:

📳 Direct	Cable	Connection	_ 🗆 🗵
	Status:	Connected via Serial cable on COM1.	

You are currently connected to the TSX ETZ Module.

Open your internet browser with the IP Address **85.16.0.2** in order to access TSX ETZ http server.

Refer to the "TSX ETZ User Manual" to set up password, configure and diagnose TSX ETZ Module.

To shut down the connection, just click on "Close".

Configuration and connection for Windows 2000

At a Glance		
Presentation	This non-exhaustive document is an example of your comp order to access the TSX ETZ Module http server using its s Although reasonable care has been taken to provide accura information in this document, no responsibility is assumed by for any consequences arising from the use of this document	uter configuration in erial link. ate and authoritative / Schneider Automation t.
What's in this	This Chapter contains the following Maps:	
What's in this Chapter?	This Chapter contains the following Maps: Topic	Page
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Configuration of the computer

Presentation Click on "Start", point to "Settings", and then click on "Control Panel". The following dialog box is displayed:



Double click on the "System" icon:

System Properties	? ×
General Network Identification Hardware User Profiles Advanced	
Hardware Wizard	
The Hardware wizard helps you install, uninstall, repair, unplug, eject, and configure your hardware.	
<u>H</u> ardware Wizard	
Device Manager	
The Device Manager lists all the hardware devices installed on your computer. Use the Device Manager to change the properties of any device.	
Driver <u>Signing</u> <u>D</u> evice Manager	
Hardware Profiles	
Hardware profiles provide a way for you to set up and store different hardware configurations.	
Hardware Profiles	
OK Cancel App	yly

On the tab "Hardware": click on "Device Manager".

📮 Device Manager	
E- A RGTSFGDS-QKPU9L	
😥 🍓 Batteries	
🕀 🔜 Computer	
🗈 🚍 Disk drives	
🗈 🕎 Display adapters	
E 🛃 DVD/CD-ROM drives	
E C Floppy disk controllers	
E Floppy dsk drives	
IDE ATA/ATAPI controllers	
Infrared devices	
Keyboards	
Medana	
R Moders	
D D MCTA adapters	
E- Ports (COM & IPT)	
Communications Port (CDML)	
Printer Port (LPT1)	
E Sound, video and game controllers	
E System devices	
E 🐺 Universal Serial Bus controllers	
- •	

Click on "Port (COM & LPT)" and then double click on "Communications Port (COM1)".

Communi	cations Port (COM1) Propertie	25		? ×
General	Port Settings Driver Resource	es		
	<u>B</u> its per second:	57600		
	<u>D</u> ata bits:	8		•
	<u>P</u> arity:	None		•
	<u>S</u> top bits:	1		•
	Elow control:	None		
	<u></u> dv	vanced	<u>R</u> estore	e Defaults
		01	<	Cancel

Click on the tab "**Port Settings**" to adjust the speed at 57600 bits per second, 8 data bits, parity: None, 1stop bit, Flow control: None. Then click "**OK**".

📮 Device Manager	
_ Action View ← → == 10 12 12 23 28 28	
RGTSFGDS-QKPU9L	
🗄 🛄 Batteries	
E Scomputer	
Disk drives	
😥 💻 Display adapters	
E 🔊 DVD/CD-ROM drives	
E 🔁 Floppy disk controllers	
Floppy disk drives	
IDE ATA/ATAPI controllers	
E 🔊 🔊 Infrared devices	
🗄 🎼 Keyboards	
Image: A state of the state	
E A Modems	
Communications cable between two computers	
P P Monitors	
POMCIA adapters	
E-grant (com a bri)	
Commissions Port (COPIL)	
- grander Port (LP11)	
Sound, video and game controllers	
5) System devices	
Triversa seria eta cuintalers	

Back to the menu "Device Manager": click on "Modem" and then double click on "Communications cable between two computers".

Communications cable between two computers Properties	<u>? ×</u>
General Modem Diagnostics Advanced Driver	
Port: COM1	
_ <u>S</u> peaker volume	
Low High	
<u>M</u> aximum Port Speed	
57600	
Dial Control	
☐ <u>W</u> ait for dial tone before dialing	
ОК	Cancel

The dialog box "**Communications cable between two computers Properties**" is displayed:

Select the maximum speed (57600 bits per second).

Then click on "**OK**" to get back to the dialog box "**Device Manager**": close this dialog box and click on "**OK**" in the dialog box "**System Properties**":

Configuration of the Dial-Up Networking

Presentation Click on "Start", point to "Settings", and then click on "Control Panel":



Double click on the "Network and Dial-up Connections" icon.



The following dialog box is displayed:

Double click on "Make New Connection" icon.

Location Information	? 🗙
	Before you can make any phone or modem connections, Windows needs the following information about your current location. <u>W</u> hat country/region are you in now?
	France
	What area <u>c</u> ode (or city code) are you in now?
	If you dial a number to access an <u>o</u> utside line, what is it? 9
	The phone system at this location uses:
	OK Cancel

The dialog box "Location Information" may be displayed:

Fill the area code and the phone number and then click "**OK**". Then, click on "**OK**" in the dialog box "**Phone and Modem Options**".



The "Network Connection Wizard" dialog box is displayed:

Click on "Next".

The following dialog box is displayed:



Select "Connet directly to another computer" and then click on "Next".

Network Connection Wizard	
Host or Guest To connect two computers, specify which one you are using.	I)
Choose the role you want for this computer: • Host This computer has the information you want to access. • Guest This computer will be used to access information on the host computer.	
< <u>B</u> ack <u>N</u> ext > 0	Cancel

Check "Guest" and click on "Next".

Select a Device This is the device that will be used to mak	e the connection.	Ś
Select a device:		
Communications Port (COM1)		-

Note: The example is given with the communication port COM1. You can select either COM1 or another serial port on your computer.

Select the communication port you want to use for Direct Cable Connection and click "Next".

Network Connection Wizard
Connection Availability You may make the new connection available to all users, or just yourself.
You may make this connection available to all users, or keep it only for your own use. A connection stored in your profile will not be available unless you are logged on.
Create this connection: For all users Duly for myself
< <u>B</u> ack <u>N</u> ext > Cancel

Select if you want to make the connection available for "all users" or only for "you" and then click on "**Next**".



Type the name of the connection for TSX ETZ Module and click on "Finish".

Connect ETZ D	irect Connection	? ×
		N/
<u>U</u> ser name: <u>P</u> assword:	USER **** Save Password	
Connect	Cancel Properties	<u>H</u> elp

In the connection dialog box "Connect ETZ Direct Connection":

Type "User name" and "Password" corresponding to the TSX http Server (Default values on the TSX ETZ are USER for User name and USER for Password). Then click on "Properties" to configure the connection:

ETZ Direct Connection	? ×
General Options Security Networking	
<u>S</u> elect a device:	
Communications cable between two computers (CC	DM1) 🔽
	C <u>o</u> nfigure
Sho <u>w</u> icon in taskbar when connected	
ОК	Cancel

In the menu "**General**", select the communication port used: serial port **COM1** here. Once the device selected, click on "**Configure**" in the same dialog box. Then, the dialog box is displayed:

Modem Configuration	<u>?</u> ×
Communications cable be	tween two computers (COM1)
Maximum speed (bps):	600 💌
Modem protocol	Ŧ
Hardware features	
Enable hardware flow control	
Enable modem error control	
Enable modem compression	
- Initialization	
Show terminal window	
🗖 <u>B</u> un script:	7
	Edit
Enable mo <u>d</u> em speaker	, ,
	OK Cancel

Adjust the maximum speed at 57600 bits per second. Check Parameters as described above and then click on "**OK**".

onfiguration dialog box is displayed again:
onfiguration dialog box is displayed again:

ETZ Direct Connection ? 🔀
General Options Security Networking
<u>S</u> elect a device:
Communications cable between two computers (COM1)
Show icon in taskbar when connected

Select the menu "Networking".

ETZ Direct Connection	? ×	
General Options Security Networking		
Typ <u>e</u> of dial-up server I am calling:		
PPP: Windows 95/98/NT4/2000, Internet	•	
Se	ettings	
Components checked are used by this connection: ✓ Ƴ Internet Protocol (TCP/IP) ✓ 🚇 File and Printer Sharing for Microsoft Networks ✓ 🚇 Client for Microsoft Networks		
Install Uninstall Prope	erties	
Description Transmission Control Protocol/Internet Protocol. The default wide area network protocol that provides communication across diverse interconnected networks.		
ОК	Cancel	

The "ETZ Direct Connection" dialog box is displayed:

Select the dial-up server "PPP for windows 95/98/2000/NT4, Internet " and the Network protocol "TCP/IP".

Click then on "**OK**".



The connection dialog box is displayed again:

The set up of the Direct Cable Connection is now complete, even if you close the previous dialog box.

Connection to the TSX ETZ Module with null modem

Presentation First, connect the null modem between the computer and the TSX ETZ Module. Click on "Start", point to "Settings -> Network and Dial-up Connection" and then click on "Connect ETZ Direct Connection".

The "Connect ETZ Direct Connection" dialog box is displayed:

Connect ETZ D	irect Connection		? ×
		P F	2
<u>U</u> ser name: <u>P</u> assword:	USER ************************************	•	
Connect	Cancel Pr	roperties	Help

Click on "Connect": two dialog boxes are displayed:



You are then connected to the TSX ETZ Module.

Open your internet browser with the IP Address **85.16.0.2** in order to access TSX ETZ http server.

Refer to the "TSX ETZ User Manual" to set up password, configure and diagnose TSX ETZ Module.

To shut down the connection or check the status of the connection, right click its icon in the network connections folder, or click its icon on the taskbar (if present).

Configuration and connection for Windows NT4

At a Glance		
Presentation	This non-exhaustive document is an example of your comporder to access the TSX ETZ Module http server using its s Although reasonable care has been taken to provide accur information in this document, no responsibility is assumed b for any consequences arising from the use of this documer	outer configuration in serial link. ate and authoritative y Schneider Automation nt.
What's in this	This Chapter contains the following Maps:	
Chapter2		
Chapter?	Торіс	Page
Chapter?	Topic Configuration of the computer	Page 64
	Topic Configuration of the computer Configuration of the Dial-Up Networking	Page 64 74

Configuration of the computer

Presentation Click on "Start", point to "Settings", and then click on "Control Panel". Double click on "Modems" icon.

The following dialog box is displayed:

Install New Modem	×
	 Windows NT will now try to detect your modem. Before continuing, you should: 1. If the modem is attached to your computer, make sure it is turned on. 2. Quit any programs that may be using the modem. Click Next when you are ready to continue. Image: Don't detect my modem; I will select it from a list.
	< <u>Back</u> <u>N</u> ext > Cancel

Check "Don't detect my modem; I will select it from a list", and then click on "Next".

The following dialog box is displayed:

Install New Modem	×
Click the manufacturer or if you have an install	and model of your modem. If your modem is not listed, ation disk, click Have Disk.
Manufacturers:	Models Dial-Up Networking Serial Cable between 2 PCs ▲ Standard 300 bps Modem ▲ Standard 1200 bps Modem ▲ Standard 2400 bps Modem ▲ Standard 9600 bps Modem ▲ Standard 14400 bps Modem ▼ Standard 14400 bps Modem ▼ Standard 19200 bps Modem ▼
	< <u>B</u> ack <u>N</u> ext > Cancel

Select "(Standard Modem Types)" and "Dial-Up Networking Serial Cable between 2 PCs", and then click on "Next".

Install New Modem		×
	You have selected the following modem: Dial-Up Networking Serial Cable between 2 PCs On which ports do you want to install it? All ports Selected ports COM1 COM2	
	< <u>B</u> ack <u>N</u> ext > Cance	:

Note: The example is given with the communication port COM1. You can select either COM1 or another serial port on your computer.

Select on which port you want to install the direct cable connection and then click on "Next".



Click on "Finish".

The following dialog box is diplayed:

Modems Properties
General
The following modems are set up on this computer:
Modem Attache
Dial-Up Networking Serial Cable between 2 PCs COM1
Add <u>R</u> emove <u>Properties</u>
Dialing Preferences
Dialing from: New Location
Use Dialing Properties to modify how your calls are dialed.
Dialing Properties
Close Cancel

Select "Dial-Up Networking Serial Cable between 2 PCs" and click on "Properties".

Dial-Up Networking Serial Cable between 2 PCs Pr ? 🗙
General Connection
Dial-Up Networking Serial Cable between 2 P
Port: COM1
_ <u>S</u> peaker volume
Low High
Maximum speed
57600
Only connect at this speed
OK Cancel

Adjust the "Maximum speed" at 57600 bits per second, and click on "OK".

Modems Properties	? ×
General	
The following modems are set up on this c	omputer:
Modem	Attache
😨 Dial-Up Networking Serial Cable between 2 PCs	COM2
T	
Add <u>R</u> emove <u>Prop</u>	erties
Dialing Preferences	
Dialing from: New Location	
Use Dialing Properties to modify how your calls a dialed. Dialing Properties	re
Close	Cancel

Click on "Close".

Modem 9	Setup 🛛 🔀
?	Dial-up Networking needs to be configured because the list of installed modems has changed. Would you like to do this now?
	<u>Yes</u> <u>N</u> o
Cli	ck on " Yes ".

Remote Acce	ss Setup		×
<u>P</u> ort	Device	Туре	
COM1 COM2	Dial-Up Networking Serial Ca Dial-Up Networking Serial Ca	Modem (unimodem) Modem (unimodem)	Continue Cancel
			<u>N</u> etwork <u>H</u> elp
Add	<u>R</u> emove <u>C</u> onfigure	Clone	

The dialog box "Remote Access Setup" is displayed:

After selecting the communication port, click on "Configure":

Configure	Port Usage	×
Port: Device:	COM1 Dial-Up Networking Serial Cable between 2	OK Cancel
Port Us O Dia O <u>R</u> ea O <u>D</u> ia	age Lout only ceive calls only Lout and Receive calls	<u>H</u> elp

Select "Dial out only" and then click "OK".

Remote Acc	ess Setup		×
<u>P</u> ort	Device Ty	уре	
COM1	Dial-Up Networking Serial Ca M	lodem (unimodem)	Continue
LUM2	Dial-Up Networking Serial La M	1odem (unimodem)	Cancel
			<u>N</u> etwork
			<u>H</u> elp
, <u>A</u> dd	<u>R</u> emove <u>C</u> onfigure	Cļone	

The dialog box "Remote Access Setup" is displayed again:

Select "Network":

Network Configuration	×
Dial out Protocols:	ОК
	Cancel
	<u>H</u> elp

Check "TCP/IP" and click "OK":
R	emote Access S	etup		×
	Port	Device	Туре	
	COM1 COM2	Dial-Up Networking Serial Ca Dial-Up Networking Serial Ca	Modem (unimodem) Modem (unimodem)	Continue Cancel
	<u>A</u> dd	<u>R</u> emove <u>C</u> onfigure	Clone	<u>H</u> elp

The dialog box "Remote Access Setup" is displayed again.

Click on "Continue". After a few seconds, the dialog box is displayed:

Network	Settings Change
⚠	You must shut down and restart your computer before the new settings will take effect. Do you want to restart your computer now?
	<u>Yes</u> <u>N</u> o
	lick on "Yes" to restart your computer. The set up of the Direct Cable Connection

Click on "Yes" to restart your computer. The set up of the Direct Cable Connection is complete.

Configuration of the Dial-Up Networking

Presentation Click on "Start", point to "Programs -> Accessories", and then click on "Dial-Up Networking".

The following dialog box is displayed:

🥾 Dial-Up Networking			? ×
	Phonebook entry to dial: MyDialUpServer		
		<u>N</u> ew	<u>M</u> ore ▼
*	Phone number pre <u>v</u> iew:		
	Dialing fr <u>o</u> m:		_
			Location
	[<u>D</u> ial	Close

Click on "New...".

New Phoneboo	ok Entry			? ×
Basic	Server	Script	Security	X.25
<u>E</u> ntry name:	ETZ			
Phone <u>n</u> umbe	г: <u>U</u> se Tek	ephony dialing	properties	<u>A</u> lternates
<u>D</u> ial using:	Dial-Up Nel	tworking Seria ther port if bus	l Cable be 💌	<u>C</u> onfigure
			OK	Cancel

The dialog box "New Phonebook Entry" is displayed:

Enter the "Entry Name", and deselect "Use another port if busy". Then click on "Configure":

Modem Configuration 🔹 🛛 🗙				
Dial-Up Networking Serial Cable between				
Initial speed (bps): 57600				
Hardware Features				
Enable hardware flow control				
Enable modern error control				
Enable modem compression				
Disable modem <u>s</u> peaker				
OK Cancel				

Set up speed at "**57600**" bits per second, and deselect icons as shown in this dialog box. Then click on "**OK**".

In the dialog box "New Phonebook Entry": click on tab "Server".

New Phone	book Entry			? ×
Basic	Server	Script	Security	X.25
Dial-up <u>s</u> e	erver type:			_
PPP: Wi	ndows NT, Windov	ws 95 Plus, Inter	net	•
Network	k protocols			_
	P/IP	T <u>C</u> P/IP	Settings	
	X/SPX compatible			
<u>□</u> <u>N</u> €	etBEUI			
□ <u>E</u> nabl I Enabl	le software compre le PPP <u>L</u> CP extens	ssion		
		[OK	Cancel

Select "PPP: Windows NT" for dial-up server type, check "TCP/IP" for the network protocol, "Enable PPP LCP extensions", and then click on "TCP/IP Settings ...":

PP TCP/IP Settings	? ×				
 Server assigned IP 	address				
- O Specify an I <u>P</u> addre					
IP <u>a</u> ddress:	0.0.0.0				
Server assigned nar	me server addresses				
- C Specify name serve	r addresses				
Primary DNS:					
Secondary DNS:	0.0.0.0				
Primary <u>W</u> INS:	0.0.0.0				
Secondary WINS:	0.0.0.0				
	,				
Use IP header compression	ession				
Use default gateway on remote network					
	OK Cancel				

Check Parameters as described above and then click on "OK".

New Phon	bool	k Entry				?	×
Basic	T	Server	1	Script	Security	X.25	
Authen C Ac C Ac	icatio cept a cept c cept c	n and encryp any authentic only <u>e</u> ncrypte only <u>M</u> icrosof	otion ation d aut t enc	policy including <u>c</u> thentication	lear text		
	_ Re _ <u>U</u> s	equire <u>d</u> ata e e current use	noryp ernar	ntion ne and pass	word		
Uns	ive <u>p</u> i	assword					
					OK	Cancel	

In the dialog box "New Phonebook Entry", select the tab "Security":

Check "Accept any authentication including clear text", and then click on "OK":

🥾 Dial-Up Networking	? ×
	Phonebook ent <u>r</u> y to dial: ETZ <u>N</u> ew <u>M</u> ore ▼
	Phone number pre <u>v</u> iew: Dialing fr <u>o</u> m: New Location Location Dial Location
The set-up of the connec	tion " ETZ " is complete and saved in the Phonebook.

Connection to the TSX ETZ Module with null modem

Presentation First, connect the null modem between the computer and the TSX ETZ Module. Click on "Start", point to "Programs -> Accesories" and then click on "Dial-Up Networking".

The following dialog box is displayed:

🥾 Dial-Up Networking			? ×
Dial-Up Networking	Phonebook ent <u>ry</u> to dia	ıl: <u>N</u> ew	? × ▼ More ▼
	New Location		▼.
		Dial	

Select the "**Phonebook Entry**" corresponding to TSX ETZ and click on "**Dial**" to establish the connection.

Connect to E	TZ ?×
Enter a user remote netwo	name and password with access to the ork domain.
<u>U</u> ser name:	USER
Password:	XXXX
<u>D</u> omain:	
	Save password
	OK Cancel

Type "User name" and "Password" corresponding to the TSX ETZ http Server (Default values on the TSX ETZ are USER for User name and USER for Password).

Note: This information is requested only for a modem connection. The "domain" field must remain empty. Then, click on "**OK**".

Connectio	n Complete	X
	You have successfully connected to the remote server. You may now use the usual Windows NT programs and utilities as if you were directly connected to the network.	
	Right-click the Dial-Up Networking Monitor on the task bar to hang up or check the status of your connection.	
	The 'Close on dial' option hides the phonebook while dialing and closes it as soon as you connect.	
	Close on dial	
	Do not display this message again	
	OK	

Once connected, the dialog box is displayed:

Click on "OK".

Open your internet browser with the IP Address **85.16.0.2** in order to access TSX ETZ http server.

Refer to the "TSX ETZ User Manual" to set up password, configure and diagnose TSX ETZ Module.

To shut down the connection, click on "Hang up" and "Close" in the dialog box "Dial-Up Networking Monitor'.

Configuration and connection for Windows Millennium

At a Glance		
Presentation	This non-exhaustive document is an example of your comput order to access the TSX ETZ Module http server using its ser Although reasonable care has been taken to provide accurate information in this document, no responsibility is assumed by S for any consequences arising from the use of this document.	er configuration in rial link. e and authoritative Schneider Automation
What's in this	This Chapter contains the following Maps:	
Chapter?	Торіс	Page
	Configuration of the computer	84
	Configuration of the direct cable connection	88
	Connection to the TSX ETZ Module with null modem	95
Chapter?	Topic Configuration of the computer Configuration of the direct cable connection Connection to the TSX ETZ Module with null modem	Pag

Configuration of the computer

Presentation Click on "Start", point to "Settings", and then click on "Control Panel". The following dialog box is displayed:



Double click on "Add / Remove Programs": in the menu "Add / Remove Programs Properties", click on the tab "Windows Setup".

The following dialog box is displayed:

Add/Remove Programs Properties	? ×
Install/Uninstall Windows Setup Startup Disk	1
To add or remove a component, select or clear the check box is shaded, only part of the compo installed. To see what's included in a componen <u>C</u> omponents:	the check box. If ment will be t, click Details.
🗹 💽 Accessibility	4.7 MB 🔺
Accessories	6.3 MB
Address Book	1.7 MB
🗹 参 Communications	5.2 MB
🗆 🔊 Desktop Themes	0.0 MB 👻
Space used by installed components: Space required: Space available on disk: Description Includes accessories to help you connect to o and online services.	42.0 MB 0.0 MB 1210.4 MB ther computers
5 of 10 components selected	<u>D</u> etails <u>H</u> ave Disk
OK Cance	el <u>A</u> pply

Select "Communications" and then click on "Details".

The following dialog box displayed:

Communications	×
To install a component, select the check box r component name, or clear the check box if you install it. A shaded box means that only part of be installed. To see what's included in a compo	next to the u do not want to the component will onent, click Details.
Components:	
🗹 📴 Dial-Up Networking	0.0 MB 🔼
🔲 📴 Dial-Up Server	0.0 MB 📃
🗹 🚉 Direct Cable Connection	0.0 MB
🗌 🖳 🔩 HyperTerminal	0.0 MB 🗨
Space used by installed components: Space required: Space available on disk: Description	42.0 MB 0.0 MB 1214.4 MB
Provides a connection to other computers vi	a a modem.
	Details
ОК	Cancel

Add the components "Dial-Up Networking" and "Direct Cable Connection". Then click on "OK".

The following dialog box displayed:

Add/Remove Programs Properties	<u>? ×</u>
Install/Uninstall Windows Setup Startup Disk	1
To add or remove a component, select or clear the check box is shaded, only part of the compo installed. To see what's included in a componen	the check box. If onent will be it, click Details.
	4.7.40
	4.7 MB
	6.3 MB
Address Book	1.7 MB
Communications	5.2 MB
🗆 💭 Desktop Themes	0.0 MB 💌
Space used by installed components: Space required: Space available on disk:	42.0 MB 0.0 MB 1214.2 MB
Description Includes accessories to help you connect to o and online services.	ther computers
5 of 10 components selected	Details
	<u>H</u> ave Disk
OK Canc	el <u>A</u> pply

Insert the Windows Millennium CD-ROM if needed and then click on "**OK**" to validate the component "**Communications**".

Configuration of the direct cable connection

Presentation Click on "Start", point to "Programs -> Accessories -> Communications", and then click on "Direct Cable Connection".

The following dialog box is displayed:



Check "Guest" and click on "Next":

Direct Cable Connection		×
	1. Select the port you want to use: Parallel cable on LPT1 Parallel cable on LPT3 Serial cable on COM1 Serial cable on COM4 Install New Ports NOTE: You must use the same type of port on both computers. 2. Plug in your cable now.	
	< <u>B</u> ack <u>N</u> ext > Cancel	

Select the serial port you want to use and click on "Next".

Note: The example is given with the communication port COM1. You can select either COM1 or another serial port on your computer.

The following dialog box is displayed:

Direct Cable Connection		×
	You have successfully set up the guest computer. If you have not already done so, run this wizard on the other computer, setting it up as the host.	
	< <u>B</u> ack Finish Cancel	

Click on "Finish" to complete set up.



Click on "**Close**". Before connecting, you have change parameters for serial cable COM1.

Note: If the connection is not closed fast enough, the user may get the message "Cannot connect to host".

Click on "Start", point to "Settings", and then click on "Control Panel". In the dialog box "Control Panel", double click on "System" icon.

The dialog	box	"System	Properties"	is	displayed:
------------	-----	---------	-------------	----	------------

System Properties		
General Device Manager Hardware Profiles Performance		
View devices by type View devices by connection Computer OCDB0M		
Hoppy disk controllers Hard disk controllers Hard disk controllers Hard disk controllers		
E - A Keyboard □ - A Modem		
Gener GEN Indus Parallel cable on LPT1 Description of LPT2		
Serial cable on COM1		
Monitors Mouse		
Properties Refresh Remove Print		
OK Cancel		

In the menu "System properties", select the tab "Device manager": click on "modem" and select "Serial cable on COM1".

Then click on "**Properties**": the dialog box "**Serial cable on COM1 Properties**" is displayed:

Serial cable on COM1 Properties	? ×
General Modem Connection Driver	
Serial cable on COM1	
Port: Communications Port (COM1)	
<u>Speaker volume</u>	
Low High	
<u>M</u> aximum speed	
57600	
Only connect at this speed	
OK Ca	incel

In the tab "**Modem**", select the communication port you want to use and the speed (**57600** bits per second). Then click on "**OK**" to get back to the dialog box "**System Properties**":

System Properties
General Device Manager Hardware Profiles Performance
• View devices by type • View devices by <u>c</u> onnection
Modem Parallel cable on LPT1 Parallel cable on COM1 Serial cable on COM4 Standard 56000 bps V90 Modem Monitors Monitors Monitors POMCIA socket POMCIA socket Ports (COM & LPT) Ports (COM & LPT) Printer Port (LPT1) Virtual Infrared COM Port Virtual Infrared LPT Port Sound, video and game controllers
Properties Refresh Remove Print
OK Cancel

In the tab "Device Manager": click on "Ports (COM & LPT)" and select "Communications Port (COM1)". Click on "Properties".

Commu	nications Port (C	:OM1) P	rope	rties		<u>? ×</u>
Gene	ral Port Settings	Driver	Resou	urces		
	<u>B</u> its per second:	57600			•	
	<u>D</u> ata bits:	8			•	
	<u>P</u> arity:	None			•	
	<u>S</u> top bits:	1			•	
	Elow control:	None			•	
	<u>A</u> dvanced			<u>R</u> estore D	efaults	
				ОК	Ca	ancel

Click on the tab "**Port Settings**" to adjust the speed at 57600 bits per second, 8 data bits, parity: None, 1 stop bit, Flow control: None, then click on "**OK**".

Click "OK" in the dialog box "System Properties" to complete the set up. Then close the "Control Panel" dialog box.

You must restart your computer before the new settings will take effect.

Connection to the TSX ETZ Module with null modem

Presentation First, connect the null modem between the computer and the TSX ETZ Module. Click on "Start", point to "Programs -> Accesories -> Communications" and then click on "Direct cable connection", the following dialog box is displayed:

Direct Cable Connect	ion 💶 🛛
	Check your settings, and then click Connect. Settings Guest computer set up to connect to host using Serial cable on COM1. Change
	Connect Cancel

Click on "Connect". Then the following dialog box is displayed:

🚦 Direct	Cable	Connection	
 	Status:	Connected via Serial cable on COM1.	Close

The connection has been made between the computer and the TSX ETZ. Open your internet browser with the IP Address **85.16.0.2** in order to access TSX ETZ http server.

Refer to the "TSX ETZ User Manual" to set up password, configure and diagnose TSX ETZ Module.

To shut down the connection, just click on "Close".

Connection problems

6

Connection problems

Procedure

It may be due to several causes:

Step	Action
1	Verify that your computer is connected to the TSX ETZ with a null modem cable.
2	You must verify your serial port settings (speed at 57600 bits per second).
3	Ensure that the Internet protocol TCP/IP is installed on your computer. If not, please refer to the documentation provided with Windows 95.

Step	Action			
4	In certain cases, the connection may not work if the FIFO Buffers are not activated. To access this dialog box, click on " Start ", point to " Settings " and click on " Control			
	Panel":			
	For Windows 95, 98 and Millennium:			
	Click on "System" icon.			
	 In the tab "Device Manager", click on "Ports (COM & LPT)" and select "Communications Port (COM1)". Click on "Properties". 			
	 Click on the tab "Port Settings" on the dialog box "Communications Port (COM1) Properties". 			
	• In the tab "Port Settings", click on "Advanced".			
	• Select the "Use FIFO Buffers" and click "OK" to validate the new settings.			
	For Windows NT4:			
	Click on "Ports" icon.			
	• Then click on "Settings".			
	• Click on "Advanced".			
	• Select the "FIFO Enabled" and click "OK" to validate the new settings.			
	For Windows 2000:			
	Click on "System".			
	• In the tab "Hardware", click on "Device Manager".			
	 Then click on "Ports (COM & LPT)" and double click on "Communications Port (COM1)". 			
	 In the tab "Port Settings", click on "Advanced". 			
	• Select the "Use FIFO Buffers" and click "OK" to validate the new settings.			

Note: Nevertheless, if you encounter any other problem with the configuration of your direct cable, you can also refer to Microsoft support at: "http://search.support.microsoft.com"