

Installation, Configuration and Operation Manual for the Cisco VPN Client software deployed within the ESDI System.

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1. Introduction

This Manual describes the installation, configuration and operation of the Cisco VPN Client software for the purposes of communication with KDPW within the ESDI System.

The Cisco VPN Client software is provided to ESDI users by KDPW in accordance with the Cisco licensing terms and conditions which authorise making the software available to third parties, on condition that it is solely used for the purposes of establishing connections between the client's system and the VPN Cisco concentrator operated at KDPW.

2. Cisco VPN Client Installation Manual

Cisco VPN Client Software is provided on a CD. It is acceptable to install this software an any number of ESDI client stations which are used to establish a VPN connection with the VPN hub in the KDPW network.

Prior to commencing the VPN Client software installation, please log in as the local administrator of the workstation. It is recommended to close all running applications.

Proper operation of the Cisco VPN Client software requires that communication between the client station and the VPN hub in the KDPW network is maintained. Therefore, please configure the client's network devices (routers, firewalls, etc.) so as to allow network traffic between the client station and the KDPW's VPN hub available in the Internet at the following IP address: 195.85.243.25 (tcp 55005).

If the client station is running a personal firewall, a reconfiguration may be required. The firewall's settings must allow communication between the client station and the KDPW's VPN hub available in the Internet at the following IP address: 195.85.243.25 (tcp 55005).

PLEASE NOTE:

If Cisco VPN Client is installed on a Windows XP SP2 workstation where a firewall is enabled, the firewall needs to be re-configured by adding the following exceptions for incoming traffic:

udp 500 tcp 10000 udp 4500 tcp 55005 tcp 62514 udp 62514 tcp 62515 udp 62515 **2.1.** Run *"vpnclient_setup.exe"* from the installation directory on the installation CD to begin installation:



🏄 Start 🛛 🗁 C:\vpn4.6.01.0019-k9

🚳 🕅 闭 10:03

2.2. In the following window



choose the installation procedure language and click "OK".

2.3. In the following window



click ''*Next* >''.

2.4. In the following window

🖟 Cisco Systems VPN Client 4.6.01.00	19 Setup	
License Agreement You must agree with the license agreer	nent below to proceed.	CO C
CLIENT SOFTWARE LICENSE AG THE SOFTWARE TO WHICH YOU PROPERTY OF CISCO SYSTEMS. GOVERNED BY THE TERMS AND FORTH BELOW. BY CLICKING "Y THAT YOU AGREE TO BE BOUND THAT AGREEMENT. THEREFOR CONDITIONS CAREFULLY BEFOR AGREE TO THE TERMS AND CON "NO" ON THIS SCREEN, IN WHIC TO THE SOFTWARE.	REEMENT OF CISCO SY ARE REQUESTING ACC THE USE OF THIS SOF CONDITIONS OF THE A (ES" ON THIS SCREEN, BY THE TERMS AND CO E, PLEASE READ THE TH RE CLICKING ON "YES". IDITIONS OF THE AGREE H CASE YOU WILL BE D	STEMS. SSTEMS. SSTEMS. SSTEMS SCOREMENT SET YOU INDICATE ONDITIONS OF ERMS AND IF YOU DO NOT EMENT, CLICK SENIED ACCESS ▼
⊙ Laccep ○ Ldo not	t the license agreement accept the license agreement	
Rese	t KBack Net	xt > Cancel

check the radio button ''I accept the license agreement'' to accept the licence agreement, and click ''Next >'' to continue.

2.5. In the following window

👘 Cisco Systems VPN Clie	nt 4.6.01.0019 Se	etup		
Destination Folder Select a folder where the	application will be in	istalled.		Ø
The Wise Installation V 4.6.01.0019 in the follo To install into a differen You can choose not to to exit the Wise Installa	Vizard will install the l wing folder. It folder, click the Bro install Cisco System tion Wizard.	files for Cisco Syster owse button, and se s VPN Client 4.6.01	ns VPN Client lect another fold 1.0019 by clickin;	er. g Cancel
Destination Folder C:\Program Files\Cis	co Systems\VPN Cli	ent\	Brow	se
-		< Back	Next >	Cancel

select the folder where the application will be installed, and click "*Next* >".

2.6. In the following window

👘 Cisco Systems VPN Clie	nt 4.6.01.0019 Setu	IP		
Ready to Install the Applic Click Next Io begin install	ation ation.			<u>e</u>
Click the Back button t the wizard.	o reenter the installation	n information or c	lick Cancel to exi	t
-	-	< Back	Next >	Cancel

click *"Next >"*.

The process of copying the files may take several minutes to complete.



2.7. In the following window

click the "*Finish*" button to exit the installation.

2.8. In the following window

🎼 Install	er Information	×
Z	You must restart your system for the configuration changes made to Cisco Systems VPN Client 4.6.01.0019 to take effect. Click Yes to restart now or No if you plan to restart manually later.	
	Yes No	

click "YES" to restart your system.

2.9. With the above steps successfully completed, the Cisco VPN Client installation is finished.

3. Cisco VPN Client Configuration Manual

- **3.1.** Run Cisco VPN Client to configure the software. **Start > Programs > Cisco System VPN Client > VPN Client**
- **3.2.** Using the graphical user interface, create a new connection entry by choosing *"New..."* from the *"Connection Entries"* menu.

👶 YPN Client - Version 4.	.6.01.0019					
Connection Entries Status	C <u>e</u> rtificates <u>L</u> og	Options	<u>H</u> elp			
Connect to ESDI	Ctrl+O		24		CISCO SYSTEMS	
Disconnect	Ctrl+D	22 Selitu	2.2	Delete		
Create Shortcut		Delete				
Modify			Host		Transport	
D <u>e</u> lete			11000			
Dyplicate						
Set as Default Connect	ion Entry					
<u>N</u> ew						
Import						
Exit VPN Client	Ctrl+Q					
		-				
•						
Not connected.						

3.3. In the "New Connection" dialog box, enter the following values:

• In "Connection Entry:" field ESDI

(any name to identify the connection).

- In *"Description:"* field Connection with ESDI system at KDPW (any description to specify the connection).
- In *"Host:"* field **195.85.243.25** (IP address of the KDPW's VPN hub).

👌 VPN Client Create New VPN Connection Entry
Connection Entry: ESDI
Description: Połączenie z systemem ESDI w KDPW S.A.
Host 195.85.243.25
Authentication Transport Backup Servers Dial-Up
<u>G</u> roup Authentication <u>M</u> utual Group Authentication
Name:
Password:
Confirm Password:
C Certificate Authentication
Name:
🗖 Send CA Certificate Chain
Erase User Password Save Cancel

3.4. In the "New Connection" dialog box, in the *"Authentication"* tab:

- Check the radio button "Group Authentication".
- In the *"Name:"* field enter the **name of the group** provided by KDPW
- In the *"Password:"* field enter the **password of the group** provided by KDPW
- In the *"Confirm Password:"* field provided by KDPW
- retype the **password of the group**

VPN Client Properties for "ESDI"							
Connection Entry: ESDI							
Description: Połączenie z systemem ESDI w KDPW S.A.							
Host: 195.85.243.25							
Authentication Transport Backup Servers Dial-Up							
© Group Authentication © Mutual Group Authentication							
<u>N</u> ame:							
Password:							
Confirm Password: ************************************							
Certificate Authentication <u>N</u> ame: Send CA. Certificate Chain							
Erase User Password Save Cancel							

3.5. In the "New Connection" dialog box, in the *"Transport"* tab:

- Select the "Enable Transparent Tunneling" option
- Check the radio button ''IPSec over TCP''
- In the "*TCP Port:*" field, enter the following value: **55005.**

👶 VPN Client 📙 Create New VPN Connection Entry	×				
Connection Entry: ESDI					
Description: Połączenie z systemem ESDI w KDPW S.A.					
Host 195.85.243.25					
Authentication Transport Backup Servers Dial-Up					
✓ Enable Transparent Tunneling					
C IPSec over UDP (NAT / PAT)					
IPSec over <u>I</u> CP TCP Port: 55005					
Allow Local LAN Access					
Peer <u>r</u> esponse timeout (seconds): 90					
Erase User Password Save	Cancel				

3.6. The *"Backup Servers"* tab in the "New connection" dialog box should be left unchanged.

VPN Client Create New VPN Connection En	ntry	×
Connection Entry: ESDI		- Andrew
Description: Połączenie z systemem ESDI w KD	PW S.A.	
Host 195.85.243.25		
Authentication Transport Backup Servers	Dial-Up	
🔲 Enable Backup Servers		
		Add <u>R</u> emove
Erase <u>U</u> ser Password	<u>S</u> ave	Cancel

3.7. If your Internet connection is established through a Local Area Network (LAN), the *"Dial-Up"* tab in the "New Connection" dialog box should be left unchanged (disregard subsection 3.8 of this Manual).

👌 ¥PN Client	Create New	VPN Connection E	ntry	×
Connection Entry:	ESDI			
Description:	Połączenie z :	systemem ESDI w KI	DPW S.A.	
<u>H</u> ost:	195.85.243.25	1		
Authentication	Transport	Backup Servers	Dial-Up	
Connect to li	nternet via dial-	up		
🖲 Microsoft Dia	al-Up Networkir	ng		
<u>P</u> honebook Ent	iry:			7
C _hird party d	ial-up application	pn	Br	owse
Erase <u>U</u> ser Pass	word		<u>S</u> ave	Cancel

- **3.8.** If your Internet connection is established through "dial-up" networking, in the "*Dial-Up*" tab, in the "New Connection" dialog box:
 - Select the "Connect to Internet via dial-up" option.
 - Choose the relevant connection type: "Microsoft Dial-Up Networking" or "Third party dial-up application".
 - If you check the radio button "*Microsoft Dial-Up Networking*", *in the* "*Phonebook Entry:*" field select the pre-configured Internet connection.
 - If you check the radio button ''*Third party dial-up application*'', indicate the access path to the application used to establish the Internet connection.

VPN Client Properties for "ESDI"	X
Connection Entry: ESDI	
Description: Pokaczenie z sustement ESDI	
Host: J195.85.243.25	
Authentication Transport Backup Serve	ers Dial-Up
Connect to Internet via dial-up	
Microsoft Dial-Up Networking	
Phonebook Entry:	ernet 💌
C I hird party dial-up application	
Application:	Browse
Erase <u>U</u> ser Password	Save Cancel

3.9. With the above steps successfully completed, click "**Save**" to save the new configuration settings.

4. Cisco VPN Client Operation Manual

4.1. Establishing VPN connection with KDPW

To start VPN connection with KDPW:

- Run Cisco VPN Client.
 Start > Programs > Cisco System VPN Client > VPN Client
- Use the graphical user interface of Cisco VPN Client to start the preconfigured connection with KDPW by double-clicking on it.

2 VPN Client - Version 4.6.01.0019		
Connection Entries Status Certificates Log Options	Help	
Connect New Import Modify	X Delete	CISCO SYSTEMS
Connection Entries Certificates Log		
Connection Entry	Host	Transport
ESDI	195.85.243.25	IPSec/TCP
Not connected.		

• In the following dialog box:

👌 VPN Client User Auti	entication for "ESDI"	×
Enter Username and Passwo CISCO SYSTEMS Usernar	d. .e: d:	K Cancel

enter your Username and Password, and click "OK".

Once the VPN tunnel is established, the following icon is displayed in the system tray (next to the system clock):

4.2. Closing VPN connection with KDPW

To close the VPN connection with KDPW:

- Run the Cisco VPN Client graphical interface.
 Start > Programs > Cisco System VPN Client > VPN Client
- Right-click on the active connection and select the "*Disconnect*" option from the context menu.

🕹 ¥PN Client - Version 4.6.01.0019			
Connection Entries Status Certificates Log Options	s <u>H</u> elp		
Disconnect New Import Modify) Delete		CISCO SYSTEMS
Connection Entries Certificates Log			
Connection Entry	Host	Transpo	rt
la ESDI	195.85.24	13.25 IPSec/	ICP
		Connect	
		Disconnect	
		Dyplicate	
		Delete	
		Create Shortcut	
		Modify	
		Erase Saved User Password	
•		Set as Default Connection En	try 💽 🕨
Connected to "ESDI".		Connected Time: 0 day(s), 0	00:09.51

Once the VPN tunnel is terminated, the following icon is displayed in the system tray (next to the system clock):