

Modem Upgrading Instructions

Please note that these instructions are for Siemens 4200 modems purchased directly from TransACT only.

If you experience any problems, please contact TransACT Technical Support on 13 30 61 (option 5).

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Upgrading your Siemens Speedstream 4200 modem

- 1. Go to www.siemens.com.au/modems
- 2. Click on 'Modem 4200 ADSL2 Firmware'.
- Download the file 'Update_D240_A8M_106-65_1210_v1r_1437101' and save this in a location that is easily accessible (such as the Desktop)
- 4. Check that DHCP is enabled on your computer. To do this:

In Windows XP/2000, go to 'Control Panel' and click on 'Network Connections'.



5. Double click on 'Local Area Connection'.





- 6. Select the 'Support' tab.
- 7. Verify that the address type says '**Assigned by DHCP**' (do not worry if your numbers/addresses are not the same as the picture below.)

If the address type is blank, says '**Manually Configured**', or '**Invalid IP'**, contact the TransACT helpdesk on 13 30 61 (option 5).

🕹 Local	Area Connection Status	s 🛛 🕐 🔀
General	Support	
Conn	ection status Address Type: IP Address: Subnet Mask: Default Gateway: Details	Assigned by DHCP 192.168.0.101 255.255.255.0 192.168.0.2
Windo conne Repair	ws did not detect problems wit ction. If you cannot connect, o	th this Repair
		<u><u>C</u>lose</u>



8. Unzip the downloaded file above and run the executable file.

The screen below should appear. Once it does, click 'Update Firmware'.

🞐 SpeedStream Upda	te - Siemens Subscriber Netwo	rks 4200-Series (D240)
SI	EMENS	SpeedStream [®]
	SpeedStream Before you run this Ethernet cable. Do or the USB cable. F please refer to your click on the "Upda	Firmware Update Application update, please ensure you are connected via the NOT run this utility if you are connecting via wireless or more information on connecting the cables, Quick Setup Guide. Once you are properly connected, te Firmware" button below.
		Update Firmware Exit
Ready to proceed with dev	vice update	

- 9. The modem will restart itself once the firmware upgrade is complete wait for approximately five minutes before continuing.
- 10. Go to Start > Run and type in http://192.168.254.254

Run		? 🗙
	Type the name of a program, folder, document, or Internet resource, and Windows will open it for you	1.
Open:	http://192.168.254.254	~
	OK Cancel Brows	e



11. If you are prompted to enter a username/password, use:

User: **admin** Password: **admin**

We suggest these same values are used for the new username/password (as below) and select '**Do not require admin login**'.

🗿 SpeedStream Rou	iter Management Interface - A	licrosoft Internet	Explorer	
File Edit View Fax	vorites Tools Help			
G Back • 🕤 ·	💌 📓 🎧 🎾 Search	🔀 Favorites 🥳		
Address 🕘 http://192.1	168.254.254/			So Linis 🎽
	SpeedStream			SIEMENS
				🛛 Help
4200	Gateway Adminis	strator Setup)	
Home	The administrative	user account is	currently set to default valu	lues, and must be configured before continuing.
Login	REMEMBER TH Gateway.	IS INFORMA	TION!!! This will be ne	eeded for future access and configuration of the
Setup	Please enter unique	e information to	configure the SpeedStrea	am DSL Gateway.
Status and Statistics	User Name:	admin		
Diagnostics	New Password:	•••••		
Tools	Confirm Password:	•••••		
Toola .		Require admin lo	ogin to access entire web site	
		Require admin to Do not require ad	ogin to access configuration pages dmin login	
		Save Setting	s	
		_		
lesson and the				
Done				😰 Internet

12. You will now need to decide how you would like to connect to the internet.



Connecting to the internet

There are two ways of connecting to the internet.

- a) Routed mode this means the modem will log on to the internet for you automatically and keep your connection 'always on', even when your computer is off.
 - The advantage of this is that no manual 'connect' is required each time the computer logs onto the internet.
 - The disadvantage is that it can be harder to troubleshoot for problems, or execute tasks such as changing your connection password, port forwarding etc.
- **b)** Bridged mode this means a manual connection must take place each time you want to connect to the internet, similar to a dial-up connection.

This is a better way to connect as it poses less of a security risk than routed mode, and is easier to change settings such as your ISP username/password.

Routed mode instructions

- 1. Enter your full ISP address as the username (e.g. <u>username@grapevine.com.au</u>) and password.
 - 'Access Concentrator' and 'Service Name' should be left blank, and 'Auto-Connect on Disconnect' should be selected.
 - Click 'Save Settings' after checking your details.

ISP Password

The PPP connection to the wide area network should be configured before continuing.

Setup for PPPoE 8/35	Access Concentrator:
Username:	
Password:	
Access Concentrator	(Optional
Service Name	(Optional
Auto-Connect on Disconnec	4
Use Idle Timeout	0 Minutes
	Save Settings

2. To secure your modem's configuration from unauthorised access from the internet, 'Port Forwarding' should be removed.



- On the left sidebar, click on Setup > Port Forwarding (if you do not see 'Setup', click 'Login' first and log in under username admin, password admin)
- Under 'Current Port Forwarding Configuration', click on 'Delete All'. This may reboot your router (if so, wait five minutes before continuing).

⊨ Back • → • 🎱 🔄	습 QSearch G	Favorites	Media 🎯 🖏				
ddress 🕘 http://192.168.2	54.254/index.htm						
	SoeedStream	n (
ome	Port Forwa	ding Conf	iguration				
	_	-					
ogin	Current Po	rt Forwardi	ng Configur	ation			
etup	C	0.4	Redirected	Enable/	F .44	Dille	
PPP	Protocol	Port	IP Address	Disable	Edit	Delete	
User Profiles WAN Interface	TCP	ETP/21	this Router	Disable	Edit	Delete	
Hast	TOP	111721	this Deuter	Disable	in and	Dalata	
DHCP Admin Upper	ICP	HIIP/80	triis Router	Disable	Ean	Delete	
Time Client	ICMP	N/A	this Router	Disable	Edit	Delete	
Static Routes					(Delete All	\sum
	-						-
Port Forwarding		- total					
Port Forwarding Firewall	Add / Edit I	Enury					
Port Forwarding Firewall UPnP	Add / Edit I	ce by name:	Choose Servic				
National Port Forwarding Fitewall UPnP Bridge Mode PIP	Add / Edit I Select servi	ce by name:	Choose Servic - OR -	× •			

3. Click '**Home**' and click '**Connect**'. You should now be connected to your ISP in routed mode.





Bridged mode instructions

 On the left sidebar, click Setup > WAN Settings. (If you do not see 'Setup', click 'Login' first and log in under username admin, password admin.)

Click 'Add a New VC' at the bottom.

4200 WAN Interface Configuration Wizard ome Current Configuration ogin # VC Type Name Actions etup PPP 0 8/35 PPPoE PPPoE 8/35 Disable Delete Water User Profiles 2 3 4 DHCP 5 6						
Current Configuration Edup PPP User Profiles WAN Interface Host DHCP Admin User	4200 W	AN Int	erface Co	nfiguration V	Vizard	
etup PPP User Profiles WAN Interface Host DHCP Admin User Build Content H VC Type Name Actions 0 8/35 PPPoE PPPoE 8/35 Disable Delete Content PPPoE 8/35 Disable Delete Content Disable Delete Content	ome	Curren	t Configu	ration		
etup PPP User Profiles WAN Interface Host DHCP Admin User 0 8/35 PPPoE PPPoE 8/35 Dirable Delete 2 3 4 5 6	ogin	# V(С Туре	Name	Actions	
Time Client 7	etup ppp User Profiles WAN Interface Host DHCP Admin User Time Client	0 8/3 1 2 3 4 5 6 7	35 PPPoE	PPPoE 8/35	Disable	Delete

2. Change the VPI to 8, and the VCI to 35, then click 'Next'.

	SpeedStream
4200 [^]	WAN Interface Configuration Wizard
lome	ATM Settings
.ogin	Enter the VPI and VCI numbers as specified by your service provider:
Setup PPP	VPt: 8 VCt: 35
User Profiles E WAN Interface Host	Select the Encapsulation Type: <pre></pre>
DHCP Admin User	Select the Traffic Class: Unspecified Bit Rate
Time Client Static Routes NAT/NAPT	Enter the desired Traffic Description information: (All Fields Optional)
Port Forwarding	Peak Tx Cell Rate
Firewall	Sustained Tx Cell Rate
UPnP Bridge Mode RIP	Tx Burst Tolerance
Server Ports	# VC Type Name
Dynamic DNS	1 0/32 PPPoE PPPoE(10) 0/32
11(-069	Cancel Next >> Finit



3. Select 'RFC-2684 Bridged' and click 'Finish'.

	SpeedStream
4200	WAN Interface Configuration Wizard
Home	Protocol Selection
-ogin Setup PPP User Profiles WAN Interface Host	Select the Protocol: © RFC-2684 Bridged © RFC-2684 Bridged/IP © RFC-2684 Routed © PPPoE © PPPoA
DHCP Admin User Time Client Static Routes	# VC Type Name 1 8/35 PPPoE PPPoE(10) 8/35 Cancel << Back

- 4. On circuit #0 (PPPoE 8/35), hit 'Disable'.
- 5. On circuit **#1** (2684B(1) 8/35), hit '**Enable**'.
- 6. Hit the red '**reboot'** link at the bottom.

	Speed	Strear	n°			
4200	WAN	Inter	face Co	nfiguration V	√izard	
Home	Cur	rent (Configur	ation		
Login	#	VC	Type	Name	Actions	
Setup PPP User Profiles WAN Interface Host DHCP Admin User Time Client Statis Postore	0 1 2 3 4 5 6 7	8/35 8/35	PPPoE 2684B	PPPoE 8/35 2684B(1) 8/35	Enable Enable	Delete Delete
NAT/NAPT					*Checked interface is the o	default WAN interface
Port Forwarding Firewall UPnP Bridge Mode	Ad	d a New A <mark>rebo</mark>	VC ot is requir	ed before the new	v configuration tak	es effect



7. Click the 'Reboot' button

	SpeedStream				
4200	Your settings have been saved.				
Home ₋ogin	The new settings will not take effect until the Gateway is rebooted. If you would like to reboot the Gateway now, press the Reboot button below.				
Setup Status and Statistics	Reboot				
Diagnostics					
Fools					

8. After the modem has rebooted, you will now need to set up the connection on your computer. Instructions for Windows XP are provided below.



Setting up an internet connection on your computer

- 1. Click on the 'Start' button.
- 2. Click on 'Control Panel'.



• If your Control Panel looks like the picture below, click on the link 'Switch to Classic View'.





1. Double click 'Network Connections'.



2. Ensure that the Local Area Connection says '**Connected**' or '**Limited or no connectivity**'.

If your Local Area Connection says '**Network Cable Unplugged**', you need to check the cabling and ethernet ports between your PC and the TransACT equipment.



3. On the left menu, click 'Create a New Connection'. This will launch the 'New Connection' wizard.

4. Click 'Next'.



5. Ensure 'Connect to the Internet' is selected, and click 'Next'.



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6. Click the second option 'Setup my connection manually', and click 'Next'.

New Connection Wizard
Getting Ready The wizard is preparing to set up your Internet connection.
How do you want to connect to the Internet?
Choose from a list of Internet service providers (ISPs)
Set up my connection manually
For a dial-up connection, you will need your account name, password, and a phone number for your ISP. For a broadband account, you won't need a phone number.
OUse the <u>C</u> D I got from an ISP
< <u>B</u> ack <u>N</u> ext > Cancel

7. Click the second option 'Connect using a broadband connection that requires a username and password', and click 'Next'.

New Connection Wizard		
Internet Connection How do you want to connect to the Internet?		
O Connect using a <u>d</u> ial-up modem		
This type of connection uses a modem and a regular or ISDN phone line.		
Connect using a broadband connection that requires a user name and password		
This is a high-speed connection using either a DSL or cable modem. Your ISP may refer to this type of connection as PPPoE.		
O Connect using a broadband connection that is always on		
This is a high-speed connection using either a cable modern, DSL or LAN connection. It is always active, and doesn't require you to sign in.		
< <u>B</u> ack <u>N</u> ext > Cancel		



8. Type in the name of the ISP, and click 'Next'.

New Connection Wizard
Connection Name What is the name of the service that provides your Internet connection?
Type the name of your ISP in the following box. ISP N <u>a</u> me
Grapevine
The name you type here will be the name of the connection you are creating.
< <u>B</u> ack <u>N</u> ext > Cancel

9. Type in your username and password in the appropriate fields.

Also ensure both tick boxes are checked.

Type an ISP account safe place. (If you ha	name and password, then write down this information and store it in ve forgotten an existing account name or password, contact your ISF
<u>U</u> ser name:	username@grapevine.com.au
Password:	•••••
Confirm password:	•••••
Use this account this computer	name and password when anyone connects to the Internet from
✓ Make this the def	ault Internet connection

10. (Optional) Tick the checkbox 'Add a shortcut to this connection to my desktop'.

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11. Click 'Finish'.



12. Click the 'Connect' button.

Connect Gra	pevine ? 🔀
<u>U</u> ser name:	username@grapevine.com.au
Password:	[To change the saved password, click here]
✓ <u>S</u> ave this u	user name and password for the following users: v e who uses this computer Cancel Properties Help



13. You should now be connected to your ISP.

