How do I use my Siemens mobile phone via IrDA under Windows XP as GPRS modem?

Generally, we advise the usage of the respective modem software (e.g. the Siemens GPRS Modem Assistant) to configure a GPRS connection on your PC.

Please note that the following description presumes that you have already activated infrared support for your Windows XP operating system. Please contact Microsoft if you have any questions regarding the usage of infrared under Windows XP. Depending on the configuration of your system, the installation process may slightly differ.

Switching on the infrared interface of the mobile phone

• Please use the user manual of you mobile phone to find out how to activate infrared.

Activating the infrared interface under Windows XP

- The Infrared port is automatically activated, just activate infrared on the mobile phone and place the IrDA interface of the mobile phone within visible range of the computer's interface.
- You should see an infrared icon in the task bar of your computer.
- When you connect your mobile phone for the first time, a new modem will automatically be installed...
- After the phone is recognized, an "add hardware wizard" appears.
- Choose "Install the software automatically...".
- Click "Next" to continue.



If the Windows Logo test appears, choose "Continue anyway"



- The driver is now installed.
- Click "Finish" to close the wizard.



To use the modem driver for GPRS communication, the following settings should be altered.

- Open "Start Settings Control Panel Phone an Modem Options".
- If not yet configured a "Location" window will open. Acknowledge with "OK".
- Choose "Modems" in the "Phone and Modem Options" window. The installed modems are displayed. If a connection between PC and phone already exists, a Com port is assigned to the modem. If no connection exists, "Not present" is reported.
- Select the installed modem, and click on "Properties".

Phone and Modem Options	? 🛛
Dialing Rules Modems Advanced Image: The following modems are installed: Image: State of the stalled installed insta	
Modem S GPRS via IRDA	Attached To COM4
Add Re	nove Properties

- Switch to "Modem" in the next window.
- Adjust the "Maximum Port Speed" to 115200.

GPRS via	IRDA PI	operties	? 🔀
General	Modem	Diagnostics Advanced Driver	
Port: Spea	COM4 aker volum	e	
	Low	High	
Maxi	mum Port 9	Speed	
Dial	Control		
	W	ait for dial tone before dialing	
		ОК	Cancel

- Switch to "Advanced".
- Enter the following data under "Extra initialisation commands": **AT+CGDCONT=1,"IP","***APN*" .The value "*APN*" (Access Point Name) depends on the used provider. Please ask your provider for further information. The settings of many providers can be found on the CD-ROM that came with the phone, or on our website: <u>http://www.my-siemens.com</u>.
- Click on "Change default Preferences"

GPRS via IRDA Properties	? 🔀
General Modem Diagnostics Advanced Driver Extra Settings Extra initialization commands: AT+CGDCONT=1,"IP","volume.d2gprs.de"	
Advanced Port Settings Change Default Preferences	
ОК	Cancel

- Change, if possible, the "Data protocol" to GPRS.
- Acknowledge this and all other windows with "OK".

GPRS via IRDA Default Preferences	? 🗙
General Advanced	
Call preferences	
Disconnect a call if idle for more than min	IS
Cancel the call if not connected within 🔟 sec	:s
Data Connection Preferences	
Port speed: 115200	
Data Protocol: GPRS	
Compression:	
Flow control: Hardware	
OK Can	cel

Internet Access under Windows XP

Now that the modem driver is installed and configured, the internet access can be set up.

- Open Start Settings Control Panel Network Connections".
- Click on "Create a new connection".



- The "New Connection Wizard" will start.
- Click "Next" to continue.

New Connection Wizard	
	 Welcome to the New Connection Wizard This wizard helps you: Connect to the Internet. Connect to a private network, such as your workplace network. To continue, click Next.
	< Back Next > Cancel

- Choose "Connect to the Internet".
- Click "Next" to continue.

New Connection Wizard	5
Network Connection Type What do you want to do?	(T)
Connect to the Internet	
Connect to the Internet so you can browse the Web and read email.	
Connect to the network at my workplace	
Connect to a business network (using dial-up or VPN) so you can work from home a field office, or another location.	,
Set up an advanced connection	
Connect directly to another computer using your serial, parallel, or infrared port, or set up this computer so that other computers can connect to it.	
< Back Next > Ca	ncel

- In the next window, choose "Set up my Connection manually".
- Click "Next" to continue.



- Choose the option "Connect using a dial-up modem"
- Click "Next" to continue.

New Connection Wizard	
Internet Connection How do you want to connect to the Internet?	(I)
Onnect using a dial-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 password	and
This is a high-speed connection using either a DSL or cable modem. Your ISP in refer to this type of connection as PPPoE.	may
Connect using a broadband connection that is always on	
This is a high-speed connection using either a cable modem, DSL or LAN connection. It is always active, and doesn't require you to sign in.	
< Back Next >	Cancel

- Select the installed modem.
- Click "Next" to continue.

New Connection Wizard	
Select a Device This is the device that will be used to make the connection.	<u>کی</u>
You have more than one dial-up device on your computer. Select the devices to use in this connection:	
☐ Image: Description of the second secon	
<back next=""> C</back>	ancel

- Enter the name of the provider.
- Click "Next" to continue.

New Connection Wizard	
Connection Name What is the name of the service that provides your Internet connection?	S)
Type the name of your ISP in the following box. ISP Name	
ISP	
The name you type here will be the name of the connection you are creating.	
< Back Next >	Cancel

- Here the dial in code can be entered, which is in most cases: *99***1#. The settings of many
 providers can be found on the CD-ROM that came with the phone, or on our website:
 http://www.my-siemens.com.
- Click "Next" to continue.

New Connection Wizard	
Phone Number to Dial What is your ISP's phone number?	(I)
Type the phone number below.	
Phone number:	
*99***1#	
You might need to include a "1" or the area code, or both. If you are not sure you need the extra numbers, dial the phone number on your telephone. If you hear a modem sound, the number dialed is correct.	
< Back Next >	Cancel

- Depending on the version of Windows XP and the configuration the following window might pop up. You can adjust the settings to your desire.
- Click "Next" to continue.

New Connection Wizard
Connection Availability You can make the new connection available to any user or only to yourself.
A connection that is created for your use only is saved in your user account and is not available unless you are logged on. Create this connection for:
 ⊙ Anyone's use ○ My use only
< Back Next > Cancel

- Enter your username and password. Some providers offer the possibility to pick any given user name and password, it is not allowed to leave these fields empty. Just enter something in the fields "User name" and "Password".
- Click "Next" to continue.

New Connection Wizard	
Internet Account Inform You will need an accou	nation nt name and password to sign in to your Internet account.
Type an ISP account n safe place. (If you have	ame and password, then write down this information and store it in a forgotten an existing account name or password, contact your ISP.)
User name:	****
Password:	••••
Confirm password:	••••
Use this account in this computer	ame and password when anyone connects to the Internet from
🗹 Make this the defau	It Internet connection
🔽 Turn on Internet Co	nnection Firewall for this connection
	<pre></pre>

• Click "Finish" to close the wizard.

New Connection Wizard		
	Completing the New Connection Wizard	
	You have successfully completed the steps needed to create the following connection:	
	ISP Make this the default connection This connection is firewalled Share with all users of this computer Use the same user name & password for everyone The connection will be saved in the Network Connections folder.	
	Add a shortcut to this connection to my desktop	
	To create the connection and close this wizard, click Finish.	
< Back Finish Cancel		

- If the window "Network connections" was already closed, open it: "Start Settings Control Panel Network Connections", and open the created connection.
- Depending on the used provider, DNS settings must be entered. If this is the case, click on "Properties". If no further DNS settings must be set, the connection is now ready for use.

Connect ISP	? 🛛		
User name:	****		
Password:	[To change the saved password, click here]		
 Save this user name and password for the following users: Me only Anyone who uses this computer 			
Dial:	*99***1#		
Dial	Cancel Properties Help		

- Switch to "Networking".
- Choose the "Internet Protocol (TCP/IP)", and click on "Properties"

🔈 ISP Properties 🛛 🕐 🔀				
General Options Security Networking Advanced Type of dial-up server I am calling:				
PPP: Windows 95/98/NT4/2000, Internet				
Settings This connection uses the following items:				
 Internet Protocol (TCP/IP) QoS Packet Scheduler File and Printer Sharing for Microsoft Networks Client for Microsoft Networks 				
Install Uninstall Properties				
Description Transmission Control Protocol/Internet Protocol. The default wide area network protocol that provides communication across diverse interconnected networks.				
OK Cancel				

Here the DNS values can be set. Please ask your provider for further information. The settings
of many providers can be found on the CD-ROM that came with the phone, or on our website:
http://www.my-siemens.com.

Internet Protocol (TCP/IP) Properties				
General				
You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings. Obtain an IP address automatically				
O Use the following IP address:				
IP address:				
 Obtain DNS server address automatically Use the following DNS server addresses: 				
Preferred DNS server:	139 . 007 . 030 . 125			
Alternate DNS server:	139 . 007 . 030 . 126			
Advanced				
	ОК Са	ancel		

The connection is now ready for use.