

Fastrack GPRS setup procedure

For Win NT 4.0

Reference : Level : 001 Date : 13th March 2003

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Overview

This document briefly explains how to perform a GPRS setup with Fastrack modem in Window NT 4.0 environment. Please note that the purpose of this document is to allow users to do a quick GPRS setup from a PC. Please refer to Wavecom GPRS user guide, Reference No. WM_SW_OAT_UGD_003, for further details.

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1 GPRS setup in Win NT 4.0

1.1 Check Window Version

💐 Windows NT D	iagnostics - W	NT4		_ 🗆 ×			
<u>F</u> ile <u>H</u> elp							
Services	Resources) Env	ironment	Network			
Version	System	Display	Drives	Memory			
Microsoft (R) W Version 4.0 x86 Uniproc 51220-111-1	Version System Display Drives Memory Image: System Image: System Image: System Image: System Image: System Image: System Image: System Image: System Image: System Image: System Image: System Image: System Image: System Image: System Image: System Image: System Image: System Image: System Image: System Image: System Image: System Image: System Image: System Image: System Image: System Image: System Image: System Image: System Image: System Image: System Image: System Image: System Image: System Image: System Image: System Image: System Image: System Image: System Image: System Image: System Image: System Image: System Image: System Image: System Image: System Image: System Image: System Image: System Image: System Image: System Image: System Image: System Image: System Image: System Image: System Image: System Image: System Image: System Image: System Image: System Image: System Image: System Image: System Image: System Imag						
Registered to:							
Network Ad Wavecom A	Network Admin Wavecom Asia Pacific Limited						
	Properties	<u>R</u> efresh	Pri <u>n</u> t	OK			

1.2 Create Standard Modem Drive

Please refer to section 6a in Wavecom GPRS user guide, Reference No. WM_SW_OAT_UGD_003, for standard 19200 modem setup.



1.3 Create Dial-up Networking connection on PC

Step 1:





Server	
	Check all that apply:
	< <u>B</u> ack <u>N</u> ext > Cancel

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Step 3:



Step 4:

New Phonebook Entry W	/izard
	That's it. Press Finish to save 'GPRS Modem '.
	< <u>B</u> ack Finish Cancel



1.4 Edit Entry and Modem Properties

Step 1: Configure modem

Edit Phonebook	Entry	? ×
Basic	Server Script Security	X.25
<u>E</u> ntry name:	GPRS Modem]
Co <u>m</u> ment:		
Phone <u>n</u> umber:	×99***1# <u>U</u> se Telephony dialing properties	<u>A</u> lternates
<u>D</u> ial using:	Standard 19200 bps Modem (COM 💌	Configure
	OK	Cancel

Step 2: Set the modem speed to 115200

Modem Configuration 🛛 📪 🗙					
Standard 19200 bps Modem (COM1)					
Initial speed (bps): 115200					
Hardware Features					
Enable hardware <u>f</u> low control					
Enable modem error control					
Enable modern <u>c</u> ompression					
Disable modem <u>s</u> peaker					
OK Cancel					

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Step 3: Server setup

Edit Phoneboo	ok Entry			? ×		
Basic	Server	Script	Security	X.25		
Dial-up <u>s</u> erve	er type:					
PPP: Windo	ows NT, Window	vs 95 Plus, Interr	net 🔽			
_ Network p	rotocols					
☑ <u>I</u> CP/	IP	T <u>C</u> P/IP	Settings			
□ <u>I</u> PX/9	6PX compatible					
□ <u>N</u> etBl	EUI					
☑ <u>E</u> nable s ☑ Enable F	✓ Enable software compression ✓ Enable PPP LCP extensions					
		[ОК	Cancel		

Step 4: Script setup

Edit Phoneboo	ok Entry			? ×
Basic	Server	Script	Security	X.25
After dialing • None • Pop u • Run th) (login) p a <u>t</u> erminal wind nis <u>s</u> cript:	ow		
(none	5	<u>E</u> dit scrip	it <u>R</u> efres	▶ list
			<u>B</u> efore d	ialing
			ОК	Cancel

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Step 5: Security setup

Edit Phoneboo	ok Entry			? ×				
Basic	Server	Script	Security	X.25				
Authenticat	Authentication and encryption policy							
Accept	t any authentica	tion including <u>c</u>	ear texț					
C Accept	t only <u>e</u> ncrypted	authentication						
C Accept	t only <u>M</u> icrosoft (encrypted authe	entication					
E P	Require <u>d</u> ata en	cryption						
	□ Use current username and password							
Unsave gassword								
			OK	Cancel				

Step 6: X.25 setup

Edit Phoneboo	ok Entry			? ×
Basic	Server	Script	Security	X.25
Select your X of the remote	.25 network provi server:	der and type	the X.25 address	
<u>N</u> etwork:	(none)		-	
<u>A</u> ddress:				
Optional—				
<u>U</u> ser Data	:			
<u>F</u> acilities:				
			ОК	Cancel

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1.5 Connect PC to GPRS network

Step 1: Click Dial-Up Networking from menu

🥾 Dial-Up Networking	? ×
	Phonebook ent <u>r</u> y to dial: GPRS Modem
	Phone number pre <u>v</u> iew: *99***1# Dialing fr <u>o</u> m: New Location

Step 2: Start Dial-Up

Connect to G	Connect to GPRS Modem 🔹 🗙				
Enter a user name and password with access to the remote network domain.					
<u>U</u> ser name:	Administrator				
Password:					
<u>D</u> omain:					
	Save password				
	OK Cancel				
Connecting to GPRS Modem					
	Dialing *99***1#				
	Cancel				

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Connecting to GPRS Modem
Verifying username and password
Cancel
Connecting to GPRS Modem
Registering your computer on the network
Cancel
Connected to: GPRS Modem

Line speed: 115,200 bps

1.6 Check GPRS connection setup

Step 1: Start Dial-Up Networking Monitor

🕁 Dial-Up Networking Monitor 🛛 🛛 🛛 🔀					
Status	Sumr	nary Pre	ferences		
De <u>v</u> ice:	Standard 19200 bps Modem (COM1)				
Condition:	Connected to GPRS Modem				
D <u>e</u> vice response:	Unavailable				
Line bps:	115,200	Duration:	00:04:02		
Device statistics— Bytes in:	309,653	Bytes out:	42,864		
Connection statistic					
Bytes in:	309,653	Bytes out:	42,864		
Frames in:	388	Frames out:	431		
Compression in:	0%	Compression out:	0%		
Device errors					
CRC:	0	Framing:	0		
Timeout:	0	Hardware overruns	: O 📗		
Alignment:	1	Buffer overruns:	0		
	<u>R</u> eset	Details	Hang <u>u</u> p		
	OK	Cancel	Apply		

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Step 2: Check if IP address had been successfully allocated from network side

Details		? ×
Network Registration		
ii]		
Network: GPRS Mo	dem	
Framing: PPP		
IR Address:	10.25.164.102	
Dial-Un Server:	10.25.164.103	
		1
Network Number:		
Node ID:		
- NetBEUI		
NetBeui Name:		
	ОК	Cancel

Step 3: Check connection summary



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Step 3: Check connection preferences

📷 Dial-Up Networkin	g Monitor		? ×
Status	Summary	Preferences	٦,
Play a sound			
When a conne	ction is made		
I When a conner When data is <u>s</u>	ction is <u>d</u> ropped ent or received		
✓ When a line err	or occurs		
Include Dial-Up	Networking Monitor bu	utton in the task list	
Channalatura Katuta			
Snow status lights As an icon next	to the taskbar clock		
C As a <u>w</u> indow or	n the desktop		
Display the v	vindow's title <u>b</u> ar	Linkis	
Mine Always on to	۲ 	20,000	
	ОК С	ancel Apply	,

<THE END>