

# Print Server Setup Guide



## Print Server Setup for the 3G29Wn

This set of print server setup instructions is intended for use with printers connecting with a USB cable connection being plugged into the USB port on the 3G29Wn. This guide is divided into sections according to the operating system you are using when the print server settings are added. Simply select the operating system you are using on your PC or laptop on the next page to find the instructions tailor made for you.



Select your Operating System:











## 3G29Wn Print Server Setup for Windows XP Users

- 1. Turn on your printer and plug it into the USB port of the 3G29Wn.
- 2. Navigate to <a href="http://192.168.1.1">http://192.168.1.1</a> in a web browser using "admin" (without quotes) as both the username and password to login to the 3G29Wn router.
- 3. Select the **Print Server** option from the **Advanced** drop down menu.

NETCOMM GATEWA	NetGomm				
Basic	3G Settings	Wireless	Management	Advanced	Status
Basic > Quick Setup > ◎ ADSL only ◎ 3G only ◎ ADSL with 3G backu	Step 1. Internet Setup		Not	ATM Interface WAN Service LAN Security Parental Control Quality of Service Routing DNS DSL UPnP DNS Proxy USB Storage Print Server Interface Grouping LAN Ports	

- 4. Select the Enable on-board print server option.
- 5. Enter a printer name without spaces into the **Printer Name** field. This name can be constructed with any characters of your choice.
- 6. Enter the make and model of the printer into the **Make and Model** field.
- 7. Press the **Apply/Save** button.



8. Back in Windows select Start > Control Panel > Printers and Faxes.



9. Select the Add a Printer option from the Printer Tasks list at the left hand side of the window.



10. The  $\mbox{Add}$  Printer Wizard window will open.



11. Press the **Next** button.

Add Printer Wizard
Local or Network Printer The wizard needs to know which type of printer to set up.
Select the option that describes the printer you want to use:
O Local printer attached to this computer
Automatically detect and install my Plug and Play printer
A network printer, or a printer attached to another computer
To set up a network printer that is not attached to a print server, use the "Local printer" option.
< <u>B</u> ack <u>N</u> ext> Cancel

12. Select the **"A network printer, or a printer attached to another computer**" option and press the **Next** button.



13. Select the "Connect to a printer on the Internet or on a home or office network" option.

Add Printer Wiz	ard				
Specify a Printer If you don't know the name or address of the printer, you can search for a printer that meets your needs.					
What printer	do you want to connect to?				
O Bro <u>w</u> se f	or a printer				
O <u>C</u> onnect	to this printer (or to browse for a printer, select this option and click Next):				
Name:					
	Example: \\server\printer				
⊙ C <u>o</u> nnect	to a printer on the Internet or on a home or office network:				
URL:	ttp://192.168.1.1:631/printers/Deskjet				
	Example: http://server/printers/myprinter/.printer				
	< <u>B</u> ack <u>N</u> ext > Cancel				

- 14. Enter the URL as <u>http://192.168.1.1:631/printers/printer\_name</u> where **printer\_name** is the name of the printer you added in step 5.
- 15. Press the **Next** button.

Add Printer Wizard	? 🛛
Select the manufactur an installation disk, cli printer documentation	rer and model of your printer. If your printer came with ck Have Disk. If your printer is not listed, consult your for a compatible printer.
Manufacturer Setetner Hewlett-Packard HP	Printers Pri
IBM infotec Iwatsu	HP DeskJet 420
This driver is digitally signed <u>Tell me why driver signing is</u>	t. <u>s important</u> <u>H</u> ave Disk
	OK Cancel

16. Select the driver for your printer from the list or select the **Have Disk** button and browse to the printer driver on the CD that accompanied the printer when you purchased it. Click the **Ok** button after you have selected the correct driver.



17. Select yes or no as to whether you wish the printer to be the default printer and press the **Next** button.

Add Printer Wizard	
Default Printer Your computer will always send documents to the default printer unless you specify otherwise.	
Do you want to use this printer as the default printer? ○ No No No No No No No No No No	
< <u>B</u> ack <u>N</u> ext > Cano	el

18. Click on the **Finish** button to complete the printer setup.





19. The new Printer settings will be displayed on the Printer and Faxes window as highlighted below.



20. Right click on the Printer and select the Properties button.

💐 Deskjet 🕢		? 🔀
Color Management		Device Settings
General Sharing	Ports	Advanced
Deskjet		
Location: http://192	168.1.1:63	31
<u>C</u> omment:		
Model: HP Deskjet 1050 J4	10 series	
Features		
Color: No	Paper available:	
Double-sided: No		~
Staple: No		
Speed: Unknown		
Maximum resolution: 600 dpi		~
Printing	Preferences	Print <u>I</u> est Page
	ок с	Cancel Apply

21. If the page prints successfully the printer has been configured successfully. You will need to repeat the "Add a Printer" process from step 8 for any other PCs or laptops you have connected to the 3G29Wn that you wish to be able to print from.



## 3G29Wn Print Server Setup for Windows Vista Users

- 1. Turn on your printer and plug it into the USB port of the 3G29Wn.
- 2. Navigate to <u>http://192.168.1.1</u> in a web browser using "**admin**" (without quotes) as both the username and password to login to the 3G29Wn router.
- 3. Select the **Print Server** option from the **Advanced** drop down menu.

NETCOMM GATEWAY™ SERIES Dual ADSL2+ / 3G Wireless N Gateway					NetGomm
Basic	3G Settings	Wireless	Management	Advanced	Status
Print Server set This page allows y I Enable on-br Printer name Make and model	t <b>tings</b> you to enable printer support. oard print server, Samsung Samsung_ML2S2S				
			Apply/Save		

- 4. Select the **Enable on-board print server** option.
- 5. Enter a printer name without spaces into the **Printer Name** field. This name can be constructed with any characters of your choice.
- 6. Enter the make and model of the printer into the **Make and Model** field. The make and model can also be any characters of your choice.
- 7. Press the **Apply/Save** button.



8. Back in Windows select Start > Control Panel > Printers.



9. Select the **Add a Printer** option.



10. Select the "Add a network, wireless or Bluetooth printer" and click the Next button.



11. Select the "Select a Shared Printer by Name" option and enter the following <u>http://192.168.1.1:631/printers/printer\_name</u> where printer\_name is the exact name of the printer you entered into the 3G29Wn interface in Step 5.

Find a printer by	name or TCP/IP ad	dress	
Browse for a printer			
Select a shared prin	ter by name		
http://192.16	8.1.1:031/printers/sam	isung	Browse
Exemple: \\comp http://computerr	utername\printername or ame/printers/printername/.p	rinter	
Add a printer using	a TCP/IP address or hostnam	e	
Add a Bluetooth prin	iter		

12. Press the **Next** button.

Add Printer Wizard	? 💌
Select the manufactur an installation disk, cli printer documentation	er and model of your printer. If your printer came with sk Have Diak. If your printer is not listed, consult your for a compatible printer.
Manufacturer Apollo Brother Canon Citizen Dall	Printers Apollo P-1200 Apollo P2100/P2300U Apollo P2200
This driver is digitally signed <u>Tell me why driver signing is</u>	. Have Disk
	OK Cancel

13. Select the driver for your printer. Browse through the list to select your printer driver, or click **'Have Disk**' if you have your printer driver installation media. Then press the **Ok** button.



14. Enter a Printer Name and choose whether you want this printer to be the default printer, and then click **Next**.

) 🖶 🛛 Add Print	er
Type a print	er name
Printer name:	samsung on htp://192.168.1.1:631
	🕼 Set as the default printer

15. If you would like to test the printer connection press the "**Print a test page**" button.

🕞 📾 Add Printer	
You've successfully add htp://192.168.1.1:631	ed samsung (Copy 1) on
To see if the printer is working com a test page. Print a test page	rectly, or to see troubleshooting information for the printer, print
	Finish Cancel

If all is well click **Finish**. The 3G29Wn is now configured and ready for use. You will need to repeat the "Add a Printer" process beginning from step 8 for any other PCs or laptops you have connected to the 3G29Wn that you wish to be able to print from.



- 1. Turn on your printer and plug it into the USB port of the 3G29Wn.
- 2. Navigate to <u>http://192.168.1.1</u> in a web browser using "**admin**" (without quotes) as both the username and password to login to the 3G29Wn router.
- 3. Select the **Print Server** menu option from the **Advanced** drop down menu.

NETCOMM GATEV	vay™ series SL2+ / 3G	NetGomm			
Basic	3G Settings	Wireless	Management	Advanced	Status
Print Server setting	gs				
This page allows you	to enable printer support.				
🗹 Enable on-board	d print server.				
Printer name	Deskjet	]			
Make and model	HP Deskjet 1050				
			Apply/Save		

- 4. Select the **Enable on-board print server** option.
- 5. Enter a printer name without spaces into the **Printer Name** field. This name can be constructed with any characters of your choice.
- 6. Enter the make and model of the printer into the Make and Model field. The make and model can also be any characters of your choice.
- 7. Press the **Apply/Save** button.



8. Back in Windows select Start > Devices and printers or Start > Control Panel > Devices and Printers.



9. Select the "Add a printer" option.

•	Add a <u>l</u> ocal printer
	Use this option only if you don't have a USB printer. (Windows automatically installs USB printe when you plug them in.)
	A del a casto carlo collaria a Directo ette astronomi
	Add a network, wireless or Bluetooth printer Make sure that your computer is connected to the network, or that your Bluetooth or wireless printer is turned on.

10. Select the "Add a network, wireless or Bluetooth printer" option and press the Next button.

11. The PC will automatically search for an available printer.



0	🖶 Add Printer			<b>X</b>
	Searching for available printers			
	Printer Name	Address		
			Stop	
	The printer that I want isn't listed			
			Next Cano	:el

12. Select the "The printer that I want isn't listed" and press the Next button.

🚱 👼 Add Printer	<b>•••</b>
Find a printer by name or TCP/IP address	
Browse for a printer     Select a shared printer by name	
http://192.168.1.1:631/printers/Deskjet	B <u>r</u> owse
Example: \\computername\printername or http://computername/printers/printername/.printer	
O Add a printer using a TCP/IP address or hostname	
(	<u>N</u> ext Cancel

13. Select the "**Select a shared printer by name**" option and enter the following address: <u>http://192.168.1.1:631/printers/printer\_name</u> where printer\_name is the name of the printer you added in step 5.



14. Press the  $\ensuremath{\text{Next}}$  button.

Windows Printer Installation	×
Connecting to	
http://192.168.1.1:631/printers/Deskjet	
Can	cel

15. A message similar to the above message will appear while the PC communicates with the printer.

Add Printer Wizard			? 💌
Select the manuf an installation dis printer document	acturer and mode <, click Have Dis ation for a compa	I of your printer. If your p k. If your printer is not lis tible printer.	orinter came with ted, consult your
Manufacturer	Printers		•
Gestetner Hewlett-Packard HP infotec KONICA MINOLTA This driver is digitally s Tell me why driver sign	gned.	lor LaserJet CP6015 PC skjet 450 skjet 460 Series kjet 5100 skiet 5550 series (HPA)	L6
		ОК	Cancel

16. Select the driver for your printer. Browse through the list to select your printer driver, or click **'Have Disk**' if you have your printer driver installation media. Then press the **Ok** button.



17. A message informing you that the printer has been added successfully will appear similar to the screenshot below.

🙆 🖶 Add Printer		<b>×</b>
You've success	fully added Deskjet on http://192.168.1.1:631	
Printer name:	Deskjet on http://192.168.1.1:631	
This printer has bee	n installed with the HP Deskjet 450 driver.	
	Next	ncel

18. Press the **Next** button.

🥪 🖶 Add Printer
You've successfully added Deskjet on http://192.168.1.1:631
To check if your printer is working properly, or to see troubleshooting information for the printer, print a test page.
<u>Einish</u> Cancel

19. If you would like to test the printer connection press the "**Print a test page**" button. Then if all is well click Finish. The 3G29Wn is now configured and ready for use. You will need to repeat the "Add a Printer" process beginning from step 8 for any other PCs or laptops you have connected to the 3G29Wn that you wish to be able to print from.



## 3G29Wn Print Server Setup for MAC OSx Users

- 1. Turn on your printer and plug it into the USB port of the 3G29Wn.
- 2. Navigate to <u>http://192.168.1.1</u> in a web browser using "**admin**" (without quotes) as both the username and password to login to the 3G29Wn router.
- 3. Select the **Print Server** menu option from the **Advanced** drop down menu.

NETCOMM GATEWAY™ SERIES Dual ADSL2+ / 3G Wireless N Gateway			ay	NetGomm		
Basic	3G Settings	Wireless	Management	Advanced	Status	
Print Server settin	Print Server settings					
This page allows you	This page allows you to enable printer support.					
🗹 Enable on-boar	Enable on-board print server.					
Printer name Make and model	Samsung Samsung_ML2525					
			Apply/Save			

- 4. Select the **Enable on-board print server** option.
- 5. Enter a printer name without spaces into the **Printer Name** field. This name can be constructed with any characters of your choice.
- 6. Enter the make and model of the printer into the **Make and Model** field. The make and model can also be any characters of your choice.
- 7. Press the **Apply/Save** button.



8. On the MAC OSx browse to the Apple menu and select **System Preferences**. In the System Preferences menu click on **Print & Fax**.



9. With your Printer driver installed, please add your printer from the Printer & Fax menu. You will need a print driver file type of .dmg file. If you cannot find such drivers on the CD that came with your printer search on the printer manufacturer's website for a MAC specific driver.

Show All	Print & Fax
Printers Customer Care	Customer Care
	Location: Kind: Generic PostScript Printer Status: Idle
	Open Print Queue Options & Supplies
Defa	ult Printer: Last Printer Used
Default Paper Size in I	age Setup: A4
Click the lock to prevent furthe	r changes.

10. Select the "+" icon to add your printer to the Print and Fax list.



11. Select **Internet Printing Protocol – IPP** from the Protocol drop down list.

e o o Default Fax	P Windows Bluetoath AppleTalk More Printers	Q	Search	0
Protocol Address	✓ Internet Printing Protocol – IPP Line Printer Daemon – LPD HP Jetdirect – Socket			
Queue:	Enter host name or IP address.			
	Leave blank for default queue.			

12. Type into the Address field <u>http://192.168.1.1:631</u> See screenshot below for an example. Also enter into the Queue field "/printers/PrinterName", where PrinterName is the name you gave your printer previously in step 5 above.

	◎ 📇 🚯 之 🛋	٩		
Default Fax	P Windows Bluetooth AppleTalk More Printers		Search	
Protocol:	Internet Printing Protocol – IPP			:
Address:	192.168.1.1:631			
	Yalid and complete address.			
Queue:	/printers/samsung			
	Leave blank for default queue.			

13. Select your printer driver from the "**Print Using**" drop down list and then press the **Add** button.

Location:	unknown	
Print Using:	Select a driver to use	
	٩	)
	3300 Series	
	350 Series	
	4300 Series	
	\$200 Series	
	5400 Series	
	6200 Series	



14. Select the new printer entry from the Print and Fax list to check the status.



15. The print server set up is now complete. You will now be able to print from common applications by selecting this printer from the Print dialogue box.