EnviroMap Zebra Setup Utilities Installation, Local Print Client Installation, & .ZPL File Association for Zebra GX420d Printers Connected via USB Cable

The steps outlined below must be followed the **first time each user** prints from EnviroMap.

Subsequent printing only requires **Steps 21-25**.

DO NOT POWER ON THE ZEBRA PRINTER OR CONNECT THE USB CABLE UNTIL INSTRUCTED TO DO SO!

 Download Zebra Setup Utilities from the following URL: <u>http://print.managementsolutionsofva.com/downloads/zsu-1191204.exe</u>. Save the .EXE file to your Desktop and double-click the file to open the Zebra Setup Utilities installer after the download has completed. The installer will load. Click **Next**.





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2. Place a check in the I accept the terms of the license agreement checkbox and click Next.

🎨 Zebra Setup Utilities - InstallAware Wizard	
License Agreement Please carefully read the following license agreement.	领₅ ZEBRA
END USER LICENSE AGREEMENT	
Please read the terms of this "End User License Agreement" (the "Agreement") carefully. The between you (either an individual or a single entity) and Zebra Technologies International, LLC ("Zebra software and/or firmware accompanying this End User License Agreement, and any associated media, pro- or electronic documentation (collectively, "Software"). By installing or using the Software, you agree Agreement. If you do not agree to the terms of this Agreement, you may not install or use the Software Agreement. If you do not agree to the terms of this Agreement, you may not install or use the Software I. Grant of License. The Software is protected by copyright and other intellectual pro- treaties. The Software is licensed to you, and not sold, subject to the terms of this Agreement. Subject Zebra hereby grants you a limited, personal, non-exclusive license during the term of this Agreement to exclusively for your internal use for the operation of your associated Zebra printer(s) and for no other printer I accept the terms of the license agreement	a") for the Zebra computer rinted materials and any "online" to be bound by the terms of this re. operty laws and international to the terms of this Agreement, use the Software solely and
InstallAware < Back Next > Cancel	

3. Verify your preferred installation directory and click **Next**.

🎨 Zebra Setup Utilities - InstallAware Wizard	
Destination Folder Select folder where setup will install files.	्रीन , ZEBRA
Install Zebra Setup Utilities to:	
C:\Program Files (x86)\Zebra Technologies\Zebra Setup Utilities	Change
Destination Folder	
Required Disk Space:	25,390 KB
Remaining Disk Space:	259,537 MB
InstallAware	
	ext > Cancel

4. Verify your preferred Program Folder. Verify that **Anyone who uses this computer (all users)** is selected and click **Next**.

🎨 Zebra Setup Utilities - InstallAware Wizard	
Select Program Folder Select the location where you would like to create new shortcuts.	र्ौा• ZEBRA
Setup will add program shortcuts to the Program Folder listed below. a new folder name, or accept the suggested name. Click Next to con Program Folder:	
Zebra Technologies\Zebra Setup Utilities	
Install this application for: <u>A</u> nyone who uses this computer (all users) Only for <u>m</u> e (current user)	
InstallAware	> Cancel

5. Click Next.

🗞 Zebra Setup Utilities - InstallAware Wizard	
Str.	Completing the InstallAware Wizard for Zebra Setup Utilities
ZEBRA	The InstallAware Wizard is now ready to configure Zebra Setup Utilities on this computer. - Click Next to begin configuration - Click Back to change settings - Click Cancel to exit
	< Back Next > Cancel



6. Place a check in the I have read the information above checkbox and click Next.

🗞 Zebra Setup Utilities - InstallAware Wizard	
Important Information Please carefully read the following program information.	र्ौा• ZEBRA
This application requires using ZDesigner Windows drivers version 1.5.09 or later.	
Using earlier versions will cause the message "The selected printer is not supported" to be displayed in the main so	creen.
A compatible driver included in this installation can be installed by clicking the "Install New Printer" button on the m	ain screen.
InstallAware	
<pre>Cancel</pre>	

7. Place a check in the **Run Zebra Setup Utilities** now checkbox and click **Finish**.

🎨 Zebra Setup Utilities - Ins	tallAware Wizard	
	Completing the InstallAwar Setup Utilities	e Wizard for Zebra
ZEBRA	You have successfully completed the Ir Zebra Setup Utilities.	nstallAware Wizard for
	Run Zebra Setup Utilities nov Read Readme	N)
	To close this wizard, click Finish.	
	F	inish Cancel
		\bigcirc

support@enviromap.com



8. Click **Next** to preload the Zebra printer drivers.

System Prepare Wizard
Preloading Drivers Application needs to preload driver package to your system.
Printer drivers will now be pre-loaded. These drivers will be used to communicate with the printer. Follow the Wizard to start the preload process. When completed, a Wizard will help you set up the driver.
Help Cancel < Back Next > Finish

9. Allow the drivers to install.

PrnInst - Preload	
Preinstall Driver Package Wait while driver package is preinstalled on the system	
Installing Driver Package on the system Please wait, this may take a couple of minutes	
	ancel



10. Verify that USB (Universal Serial Bus) is selected and click Next.

System Prepare Wizard	3
Printer Driver What port is your printer connected to?	
Please specify what computer port your printer is connected to.	
OUSB (Universal Serial Bus)	
Other computer ports (Parallel Port, Serial Port, TCP-IP Port,)	
Help Cancel < Back Next >]

11. Insert a new roll of labels into your Zebra printer. Connect one end of the supplied USB cable to the Zebra printer and the other end to your local computer. Power the Zebra printer on and click Finish. Windows will now install the printer, which can be located and verified by clicking the Start button and selecting Devices and Printers.

System Prepare Wizard	×
Install Printer Driver Installing the printer driver to your system.	
Please connect the printer to USB port and power the printer on. System will install the printer driver automatically. When completed, click on "Finish" to complete the wizard.	
If the printer was plugged in before application started, click on "Manual Install" to launch the printer installation wizard and manually install the printer driver.	
Manual Install	
Help Cancel < Back Next > Finish	

12. The Zebra Setup Utilities application should automatically start. If it does not, navigate to your computer's Desktop and double-click the newly created Zebra Setup Utilities icon.



13. Click on your Zebra **ZDesigner GX420d** printer, so that it is highlighted, and click **Configure Printer Settings**.

🤰 Zebra Setup Utilities	_ D X		
Printers The list below displays installed printers. To configure a printer, select it and choose one of the configuration options below.			
ZDesigner GX420d	Install New Printer Uninstall Printer Refresh Printer List		
Configure the selected printer Configure Printer Settings	d Graphics		
Configure Print Quality	ools		
Configure Printer Connectivity	With Printer		
Perform the following application operations Image: Perform the following application operations	Close		



14. Verify that Units are inch. Enter **1.00** for **Width**. Enter **3.00** for **Height**. Verify that Orientation is Normal. Click **Next** until the button is grayed out, and unable to be clicked, and click **Finish**.

Printer Settings Wizard			x
Label Parameters Define label width, label heigh	t and orientation.		
	I	inch 1.00	v
123	<u>H</u> eight:	3.00	inch
	<u>O</u> rientation:	Normal	~
	Firmware version:	V56.17.17Z	
Help	Cancel	< Back Next >	Finish

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Printer Settings Wizard
Save settings By pressing Finish your printer and driver will be updated.
To save your settings to a file on your computer, check the box below.
Save settings to File
Help Cancel < Back Next >



15. Verify that your Zebra **ZDesigner GX420d** is still selected and click **Open Printer Tools**.

đ	Zebra Setup Utilities 📃 🗖 🗙				
Printers — J The	list below displays installed printers. To configure a printer, select it and choose one of the configuration options below.				
	ZDesigner GX420d Uninstall Printer Refresh Printer List				
	nfiguration				
	Configure Printer Settings Sownload Fonts and Graphics				
	Configure Print Quality Quality				
	Configure Printer Connectivity				
General Operations					
Perf	orm the following application operations				
	Help About Options Close				



16. Select the **Action** tab from the top menu. Select **Calibrate media** and click **Send**. Two or more blank labels should print out. Your printer is now calibrated. Click **Close**.

Tools	x
Printer Comands	—
Send command to printer	
Print Action	
Print configuration label Feed one label Print object list	
Command Description	
The Print Configuration Label command is used to generate a printer configuratio label. The printer configuration label contains information about the printer setu such as sensor type, network ID, ZPL mode, firmware version, and descriptive data the printer memory.	р,
Send Close Help	

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Tools	x
Printer Comands Send command to printer	
Print Action Calibrate media Load factory defaults Reset printer Enter diagnostics mode Exit diagnostics mode Send command	
Send file	
Command Description — The Calibrate command is used to force a label length measurement and adjust t media and ribbon sensor values.	he
Send Close Help	



17. Click **Close** to exit the Zebra Setup Utilities application.

đ	Zebra Setup Utilities				
Printers — J The	list below displays installed printers. To configure a printer, select it and choose one of the configuration options below.				
	ZDesigner GX420d Uninstall Printer Refresh Printer List				
_	figuration				
	Configure Printer Settings Source Printer Settings				
	E Configure Print Quality Quality				
	Configure Printer Connectivity				
General Operations					
Per Per	orm the following application operations				
	Help About Options Close				



18. Download the EnviroMap Local Print Application from the following

URL: <u>http://print.managementsolutionsofva.com/downloads/zebraprinter.zip</u>. Save the .ZIP file to your local computer's Desktop, unzip the file by right-clicking the file and selecting **Extract All**.

4		
		Open
ZebraPrinter		Extract All
	-	Scan with Microsoft Security Essentials Open with
		Share with Restore previous versions
		Send to +
		Cut Copy
		Create shortcut Delete Rename
		Properties

19. Change the folder name from ZebraPrinter to **EnviroMap** and click **Extract**.

	x
Co 🚯 Extract Compressed (Zipped) Folders	
Select a Destination and Extract Files	
Files will be extracted to this folder:	
C:\Users\administrator\Desktop\ZebraPrinter Browse	
Show extracted files when complete	
Extract Cancel	

то

	—
🕞 🔒 Extract Compressed (Zipped) Folders	
Select a Destination and Extract Files	
Files will be extracted to this folder:	
C:\Users\administrator\Desktop\EnviroMap	Browse
Show extracted files when complete	
Extrac	t Cancel



20. Move the EnviroMap folder located on your local computer's Desktop to the C:\Program Files\ directory. You should now have a subfolder labeled C:\Program Files\EnviroMap\

rganize 🔻 🛛 Include in	library 🔻 Share with 👻 New fold	ler			•== •	2
🁌 Music 🔺	Name	Date modified	Туре	Size		
Pictures	Common Files	12/18/2014 2:28 PM	File folder			
📑 Videos	Dell	6/2/2016 10:33 AM	File folder			
	Dell Inc	12/18/2014 2:18 PM	File folder			
Computer	DVD Maker	2/24/2011 2:44 PM	File folder			
ڏ OS (C:)	Intel	12/18/2014 2:33 PM	File folder			
퉬 apps	Intel Corporation	12/18/2014 2:36 PM	File folder			
🍌 dell	Internet Explorer	6/15/2016 4:27 PM	File folder			
Drivers	Microsoft Office	1/21/2015 9:58 AM	File folder			
📕 ESD	Microsoft Security Client	5/15/2015 3:09 AM	File folder			
GDSfiles	J Microsoft Silverlight	1/13/2016 8:41 PM	File folder			
🍌 Intel	MSBuild	7/14/2009 12:32 AM	File folder			
PerfLogs	Realtek	12/18/2014 4:13 PM	File folder			
Program Files	Reference Assemblies	7/14/2009 12:32 AM	File folder			
🍌 Program Files (JiLabs	1/26/2015 12:43 PM	File folder			
Users	Windows Defender	1/14/2015 3:28 AM	File folder			
Uindows 📔	Windows Journal	5/12/2016 4:53 PM	File folder			
	Windows Mail	1/14/2015 3:28 AM	File folder			
Vetwork	Windows Media Player	3/26/2016 1:10 AM	File folder			
	Windows NT	7/14/2009 12:32 AM	File folder			
+	Mindan Diata Viana	1/14/2015 2:20 414	File Astoles			

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	Computer	→ OS (C:) → Program Files →		- - - - + - - + - + - + - + - + - + - + - + - + + + + + + + + + +	Search Program	Files	×
Organize 🔻	🍃 Open	Include in library 👻 Share with	 New folder 			!≡ ▼ [1 0
👌 Music	*	Name	Date modified	Туре	Size		
Pictures		퉬 Common Files	12/18/2014 2:28 PM	File folder			
Videos 🗧		퉬 Dell	6/2/2016 10:33 AM	File folder			
-		퉬 Dell Inc	12/18/2014 2:18 PM	File folder			
Computer		퉬 DVD Maker	2/24/2011 2:44 PM	File folder			
S (C:)		📕 EnviroMap	6/29/2016 12:54 PM	File folder			



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21. Login to your EnviroMap web site (i.e. <u>http://companyname.enviromap.com</u>)

All these features can be customized, allowing each customer to create their own unique and effective Environmental Sampling Program.

For further information, please see the website or contact support.

22. Right click a sample collection and select Print Barcodes.

. .	Dashboard	Sampling	Results	• Sites •	Administr	ation •
Envir	onmental I	Monitoring	; Blacksbur	g, VA		
GPr	ev					
Cale	ndar					OLLECTION View Samples
<	> today			June 2016		Print Barcodes
	Sun	Mon	Tue	Wed	(Th	Other Actions
	29	30	31	1		Sampling Program 🕨
				8a Docs Collection 8a Environmental	8a Docs Collec 8a Environmer	



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23. If the Select Samples screen loads, select the sample and click **Save Changes**. If it does not appear, continue to step 24.

Select Sa	mples	Add Sample(s) -					
Collection Requirements Ø							
• 4 sampl	es						
#	Description	Sample Type	Tests				
			Save Changes Cancel				

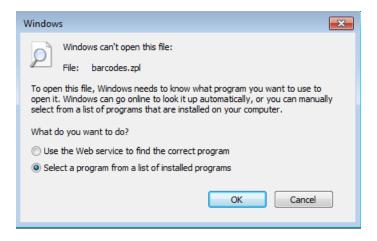
24. The Print Sample Barcodes / Labels screen will load. Select the samples you would like to print. Select Print Per option. Verify that the Printer selection displays **Save to file**, and click **Save**.

Print Sample Barco	odes / Labels	
	[
Samples	☑ Unselect All	^
	Cooling Conveyor 1	
	☑ Chem Site 6	
	☑ Chem Site 10	
	☑ Water Oven Room	~
Print Per	Sample	\checkmark
Printer	Save to file	\checkmark
	Save	Close
	Ouve	

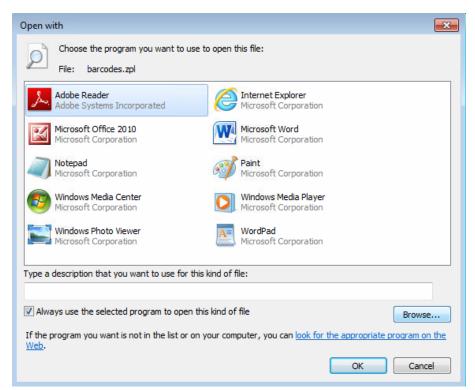


25. If you are using **Microsoft Internet Explorer**, you will see following dialog. Click **Open**. If you are using Google Chrome or another web browsing platform, either save the file to your Desktop or select the equivalent to the Open button in Internet Explorer.

26. After clicking Open, or the equivalent, choose **Select a program from a list of installed programs** and click **OK**.



27. Click Browse.

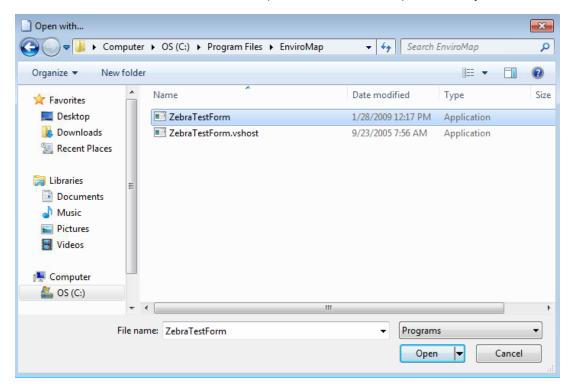




) 🕗 🔋 🕨 Comp	uter	OS (C:) Program Files	✓ 4 Searce	h Program Files	
Organize 🔻 🛛 New fo	older				
🔆 Favorites	^	Name	Date modified	Туре	S
📃 Desktop		🕌 Common Files	12/18/2014 2:28 PN	File folder	
퉳 Downloads		闄 Dell	6/2/2016 10:33 AM	File folder	
🔢 Recent Places		퉬 Dell Inc	12/18/2014 2:18 PM	File folder	
	퉬 DVD Maker	2/24/2011 2:44 PM	File folder		
潯 Libraries	=	길 EnviroMap	6/29/2016 12:54 PM	File folder	
Documents		퉬 Intel	12/18/2014 2:33 PM	File folder	
J Music		퉬 Intel Corporation	12/18/2014 2:36 PM	File folder	
E Pictures		퉬 Internet Explorer	6/15/2016 4:27 PM	File folder	
🛃 Videos		鷆 Microsoft Office	1/21/2015 9:58 AM	File folder	
1. (2.1)		Microsoft Security Client	5/15/2015 3:09 AM	File folder	
Computer		퉬 Microsoft Silverlight	1/13/2016 8:41 PM	File folder	
🏭 OS (C:)		January MSBuild	7/14/2009 12:32 AM	1 File folder	
	+ 4		III		۱.
File	e nam	e	✓ Progra	ms	•
					Cancel

28. Select the EnviroMap subfolder and click Open. (Navigate to C:\Program Files\EnviroMap\)

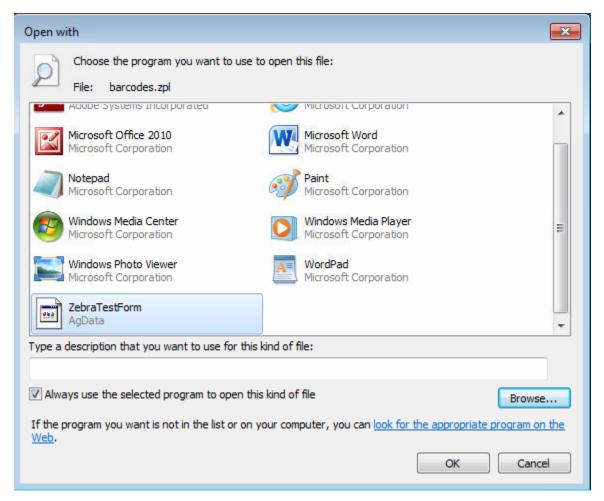
29. Select the file labeled **ZebraTestForm** (or ZebraTestForm.exe) and click **Open**.





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30. Verify that **ZebraTestForm** is selected and that the **Always use the selected program to open this kind of file** checkbox is **checked**. Click **OK**.



31. Your labels will now print. Enjoy!

The steps outlined above must be followed the **first time each user** prints from EnviroMap.

Subsequent printing only requires **Steps 21-25**.

