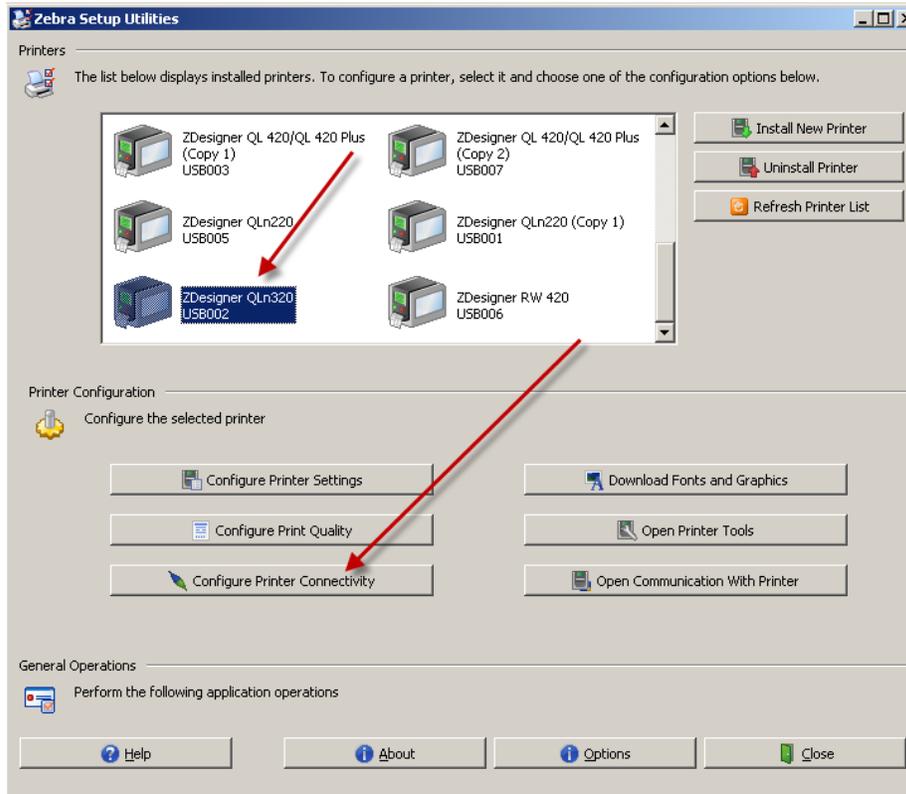
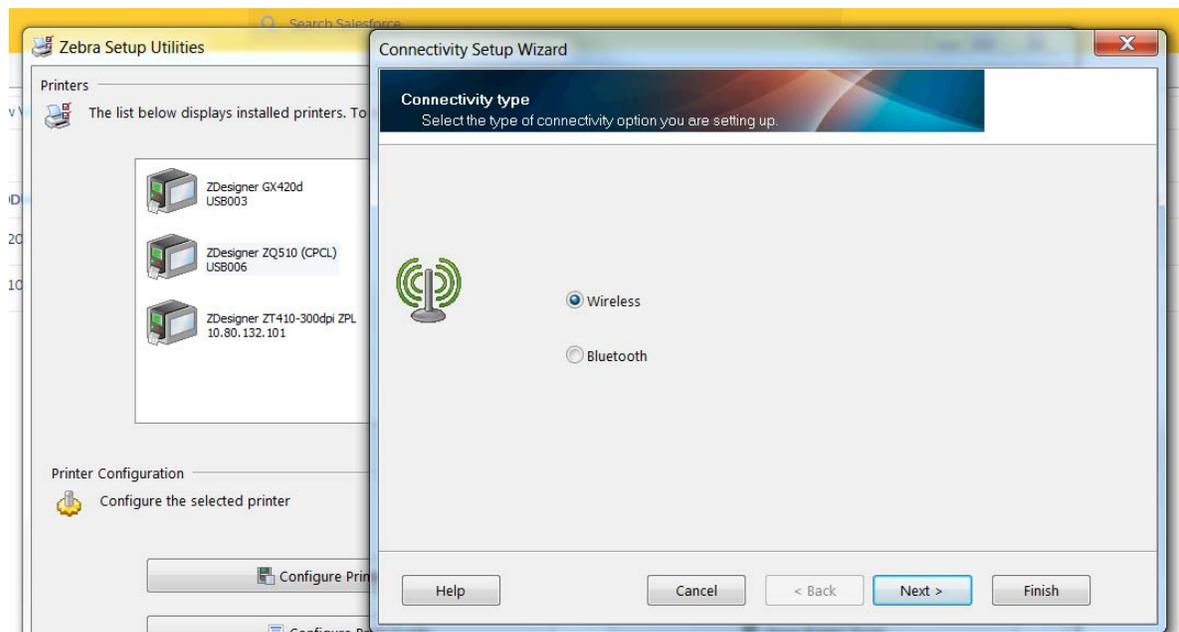


Using the Zebra Setup Utility to configure Bluetooth connectivity

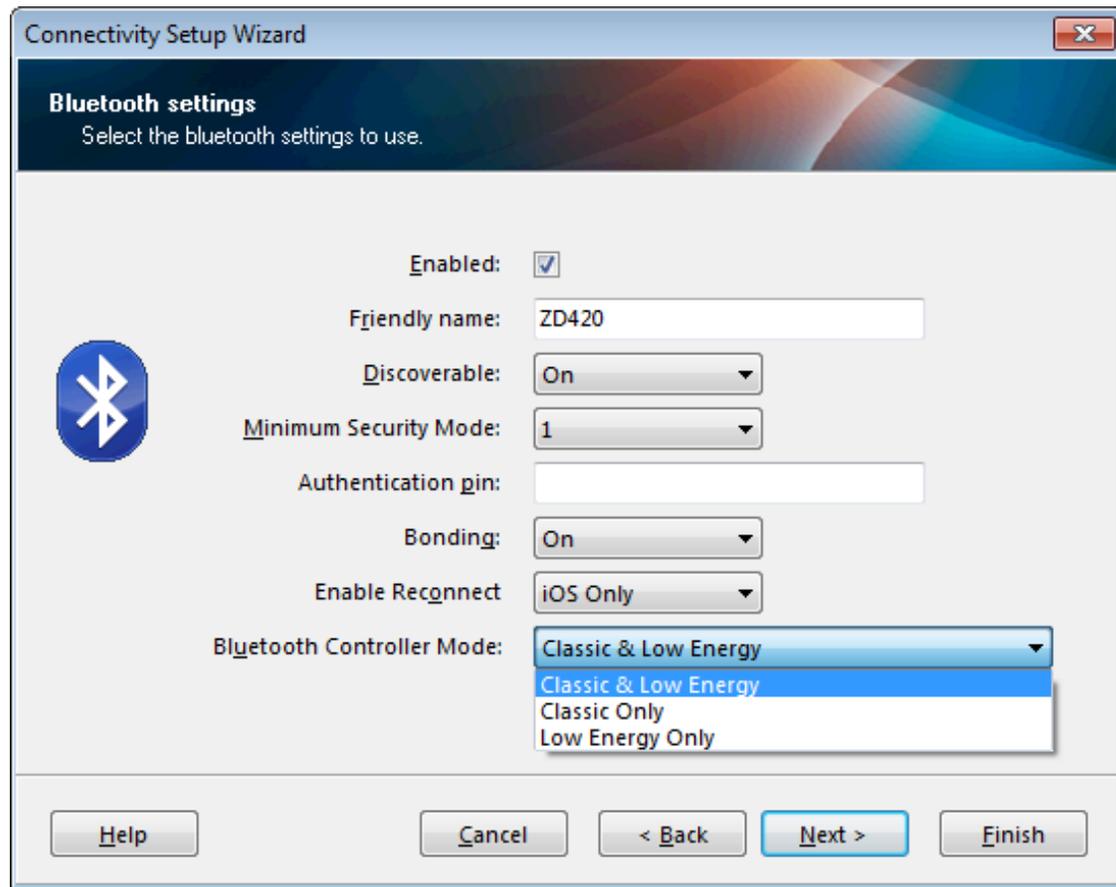
Choose the applicable printer and click on the “Configure Printer Connectivity” button



Choose Bluetooth and then click on Next



There are several configurable parameters on the next screen.



Friendly Name - This parameter sets the Friendly Name, which is part of the local name used during service discovery. The Friendly Name is a string of up to 17 characters long; it will default to the printer serial number if not set by user.

Changes to the Friendly Name parameter will not occur until power is cycled.

Discoverable - This parameter sets the Bluetooth discoverable mode.

Authentication - This parameter sets Bluetooth authentication mode and works in combination with the Bluetooth PIN parameter. When authentication is set to “On” as shown above a PIN is required to connect to the printer.

Pin - This parameter is used to connect to the printer only when the Bluetooth authentication parameter is set to “On”. This parameter is not used when the Bluetooth Authentication is set to off.

Bonding – Set “On” will allow printer to save the previous connection information

Enable Reconnect – Set connecting devices as listed

Bluetooth Controller Mode–

Currently available for **ZQ500**, **ZD410**, and **ZD420** printers

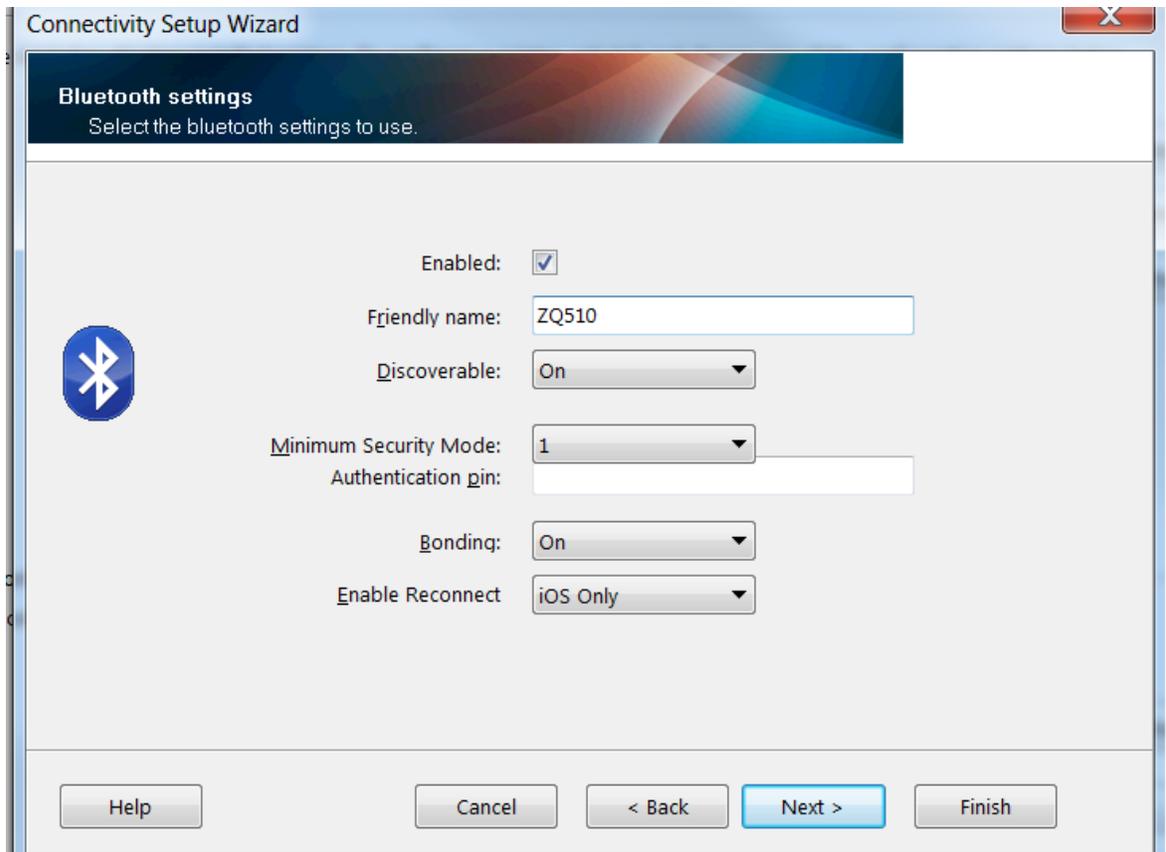
- **Bluetooth low energy settings** - Additional options shall be displayed for printers supporting Bluetooth Low Energy. The printer can be configured to use one of the following modes:
 - **Classic and Low Energy** (also known as 'Bluetooth Smart Ready')
 - **Classic only** (also known as 'Bluetooth Classic')
 - **Low Energy only** (also known as 'Bluetooth Smart')

If the printer is configured for a Low Energy option, further configuration options shall be displayed to define security mode and pairing settings.

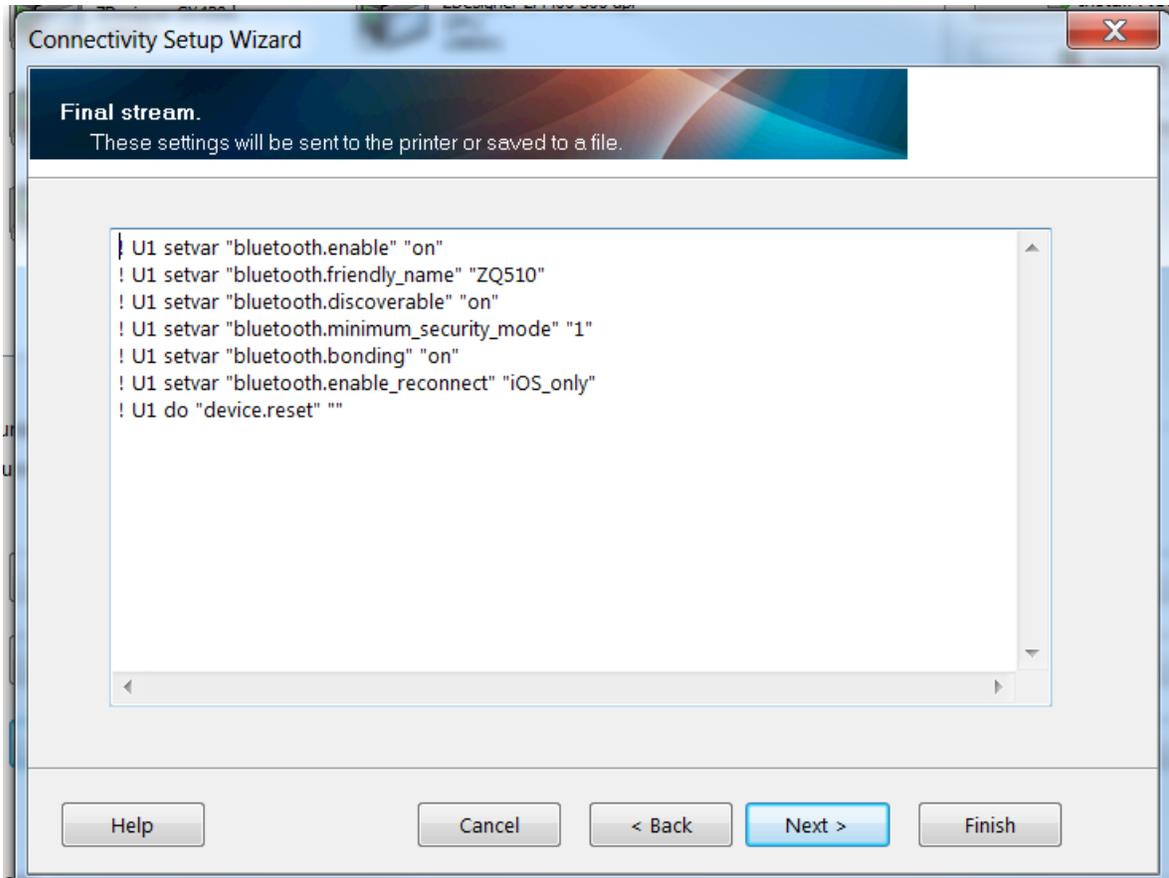
- The Low Energy **minimum** security level that the printer will allow can be set. Higher security levels are always allowed if requested by the master device.
- For printers that have no LCD, the Low Energy Pairing Method can be set.
 - The '**Print Number**' option enables passkey comparison and the passkey is printed out.
 - The '**Do Not Print Number**' option disables passkey comparison and the printer will use the 'Just Works' pairing method (note that with Just Works there is a lack of security/authentication).
 - The '**Use Printer Settings**' option will use the pairing method currently set in the printer. The current setting will be either '**Print Number**' or '**Do Not Print Number**'.

Bluetooth low energy is currently used for small bursts of data at shorter ranges. There are no use cases available for Bluetooth Low Energy in Zebra printers at this time. There is also no sample code and no known programs developed for non-Zebra devices to communicate using BTLE with the Zebra printers that support it.

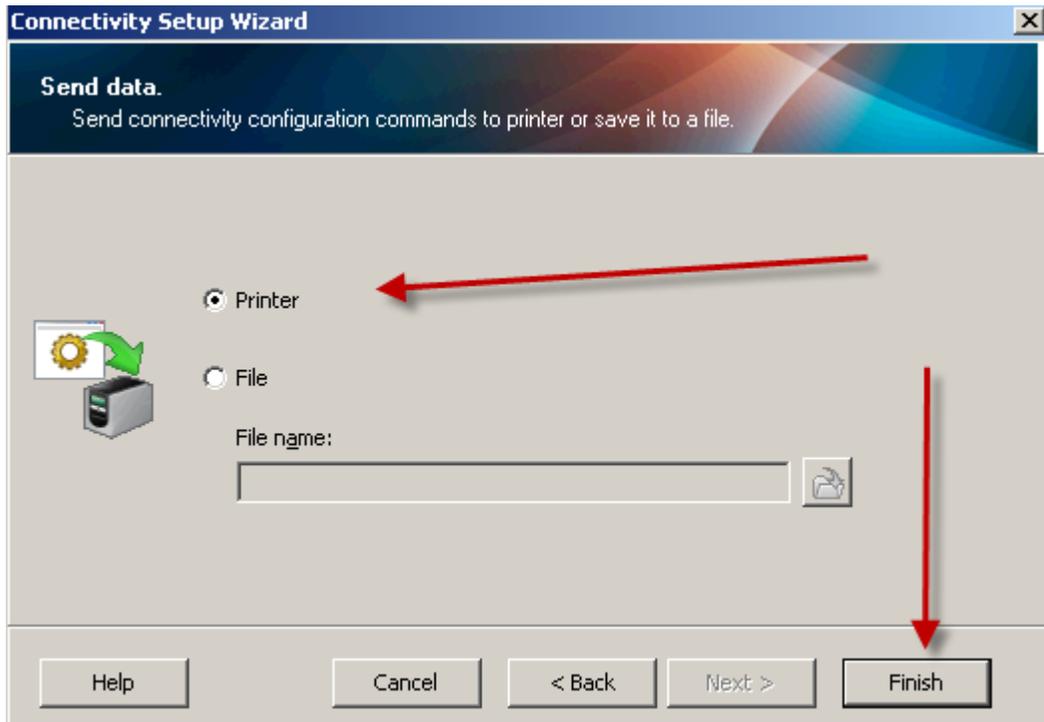
Click on next



The commands that have been generated by the utility will be shown on the next page.
Click on Next

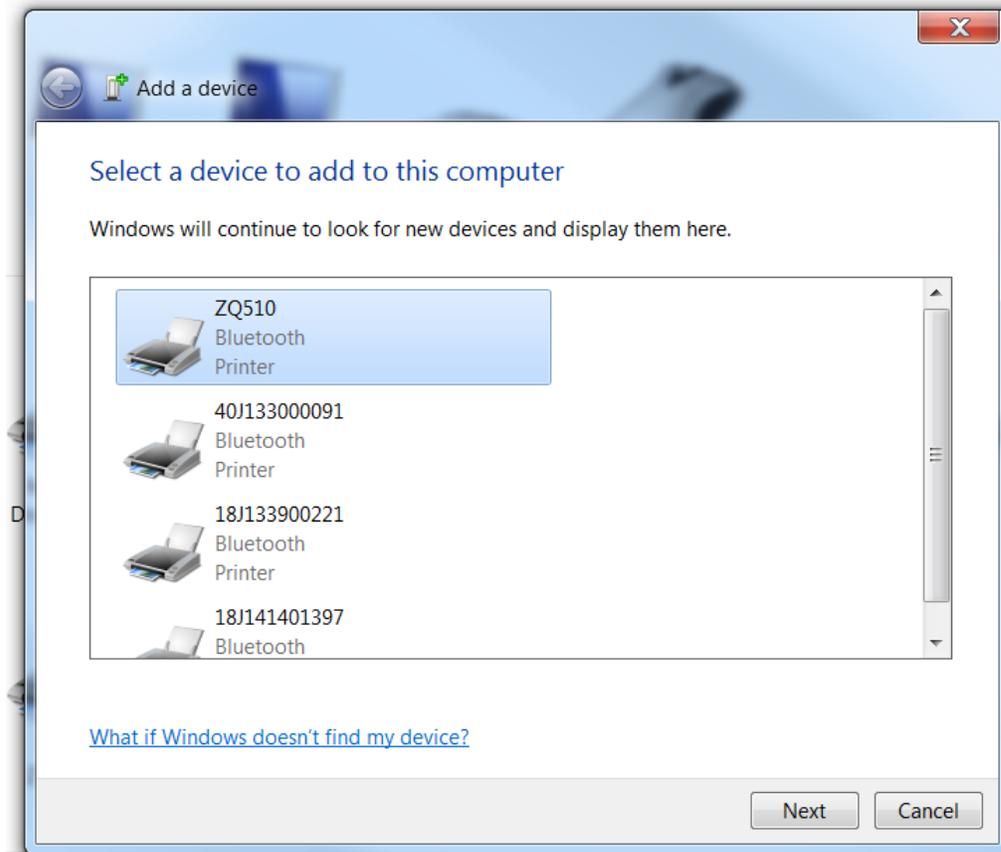


One now has an option to send the commands directly to the printer or to save the commands in a file.

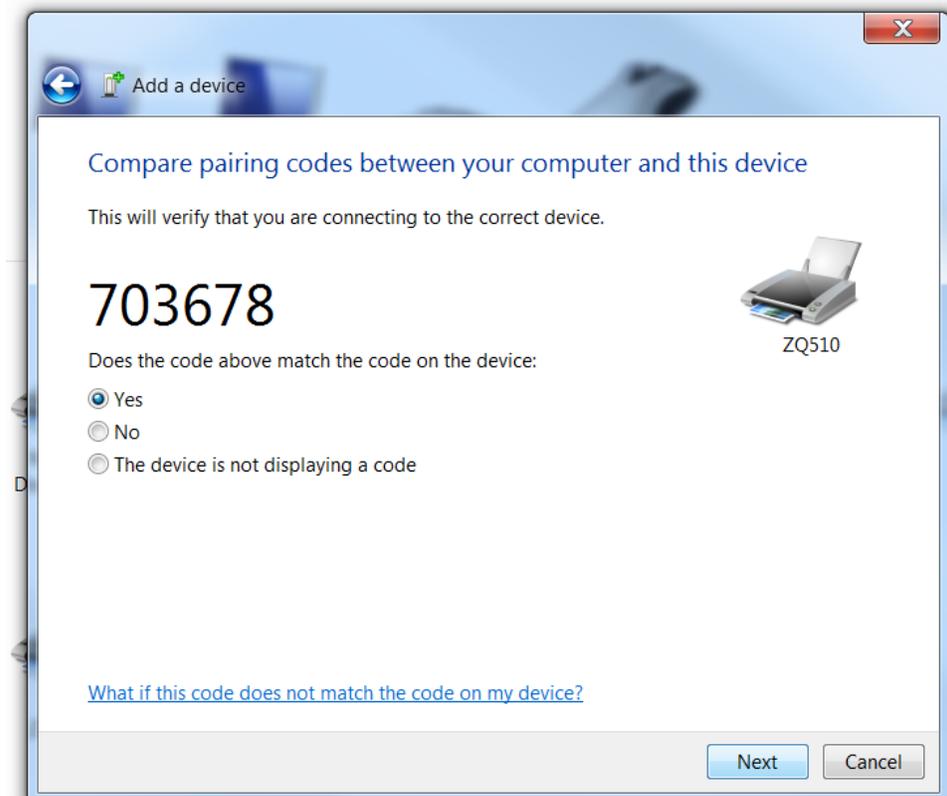


Choose finish

Windows 7 example - To Add the printer: go to Device and Printers – Add a Device:



The following window displays that should match by the printer you are connecting to.



In this order

1. Confirm the code on the printer select the check button.
2. Then confirm the code on the PC



Connection should occur.