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## **Infusion and Point of Sale Hardware**

Infusion Software Limited has tested a number of Point of Sale products with Infusion software. Below are some specific items and general comments on these. By no means are these items the only hardware that will work with Infusion software and most standard products will.

### **Point of Sale Packages**

#### **IBM SurePOS Bundle**

The IBM SurePOS bundle includes the following items:

Lenovo 15" LCD Monitor  
Celeron 2.0GHz, 512MB Desktop Unit  
Cash Drawer  
SurePOS Express Docket Printer  
Lenovo Keyboard + Mouse

Printing: OK  
Cash Drawer Ejection: OK  
Remote Desktop: OK (Printing and Cash Drawer)

Support for Docket Cutting is planned in future versions of Infusion. The printer uses a Serial interface and was tested using 19200, 8, 1, Hardware port settings with a Generic / Text Driver.

### **Receipt printers**

The printers listed below have been tested and certified as working with Infusion. Items with a \* next to them indicate that the feature is supported by the printer, but not Infusion at this time.

#### **Epson TM-T88IV (M129H) (Serial)**

Printing: OK  
Full Cut: Not Supported  
Part Cut: Not Supported\*  
Cash Drawer Ejection: OK  
Remote Desktop: OK (Printing and Cash Drawer)

Notes:

Printer uses a Generic / Text Only driver. Baud settings required are 9600,8,1,Xon/Xoff. Serial interface tested.

### **Star TSP-100 (USB)**

Printing: OK  
Full Cut: Not Supported  
Part Cut: Supported  
Cash Drawer Ejection: N/A  
Remote Desktop: OK (Printing Only)

#### **Notes:**

Printer was tested using USB port redirection (mentioned below) and using Star's virtual serial port software. The cash drawer failed to open when connected the back of the TSP-100. This feature will be included in future updates.. As Infusion does not support native USB printers the printer must be shared, then the net use command must be used to redirect the printer to an LPT port. (net use lpt1 \\<PCNAME>\<SHARENAME>. This command is able to be used when operating the printer in remote desktop mode. Redirecting the printer via net use will result in a small delay when printing. This delay is caused by network latency and processing load when dealing with the remote desktop environment.

### **Epson TM-T88IV (M129H) (USB)**

Printing: OK  
Full Cut: Not Supported  
Part Cut: Not Supported\*

Cash Drawer Ejection: OK  
Remote Desktop: OK (Printing and Cash Drawer) Please see notes below.

#### **Notes:**

Driver is latest version from Epson website (407E). As Infusion does not support native USB printers the printer must be shared, then the net use command must be used to redirect the printer to an LPT port. (net use lpt1 \\<PCNAME>\<SHARENAME>. This command is able to be used when operating the printer in remote desktop mode. Redirecting the printer via net use will result in a small delay when printing. This delay is caused by network latency and processing load when dealing with the remote desktop environment.

### **Javelin JP-88 (Serial)**

Printing: OK  
Full Cut: Not Supported  
Part Cut: Not Supported\*  
Cash Drawer Ejection: OK  
Remote Desktop: OK (Printing and Cash Drawer)

#### **Notes:**

Printer uses a Generic / Text Only driver. Baud settings required are 19200,8,1,None. Serial interface tested. Printing seems skewed to the left hand side of the docket.

### **Javelin JP-88 (Parallel)**

Printing: OK  
Full Cut: Not Supported  
Part Cut: Not Supported\*  
Cash Drawer Ejection: OK  
Remote Desktop: OK (Printing and Cash Drawer)

Notes:  
Printer uses a Generic / Text Only driver.

### **Samsung / Bixolon SRP-350IG (Serial and Parallel)**

Printing: OK  
Full Cut: Not Supported  
Part Cut: Not Supported\*  
Cash Drawer Ejection: OK  
Remote Desktop: OK (Printing and Cash Drawer)

Notes:  
Manual references Serial Port settings as 19200,8,1,Hardware. Actual settings required are: 9600,8,1,Xon/Xoff. Any other settings will result in erroneous text. Driver is latest revision from the Bixolon website (3.1.9E). Infusion supports both Parallel and Serial interfaces with this printer.

### **AdvanPOS WP-T800 (USB)**

Full Cut: Not Supported  
Part Cut: Not Supported\*  
Cash Drawer Ejection: OK  
Remote Desktop: OK (Printing and Cash Drawer)

Notes:  
Infusion POS default settings required are: 9600,8,1,None. IBM Suremark Full or Partial. Driver – UNIDRV v6. Also requires install of PL-2303 Vista Driver for setup of virtual COM port.

### **Cash Drawers**

Infusion software should support any Cash Drawer connected to a COM port.

Also tested is:

### **Posiflex CR-3100 (RJ connector)**

This cash drawer functions as expected with the exception of the Star TSP-100 receipt printer.

## **Barcode Scanners**

Infusion supports any barcode 'wedge' style barcode scanner. This type of scanner utilizes a PS/2 connector and shares the PS/2 port with the keyboard. Barcodes scanned by a 'wedge' scanner are interpreted as keyboard input by the PC.

A range of standard USB scanners have been successfully tested on Infusion software.

Some scanners offer higher resolution than others and are able to scan smaller barcode information. Resolution and print size should be taken into consideration before purchasing any barcode scanner.

## **Barcode Printers**

### **Zebra TLP-2844, GK420 and GC420**

Currently only these model has been tested and certified fully compatible with Infusion – however other printers should be compatible and will be tested and added to this document over time.

Once the labels have been installed in the printer, the printer needs to be calibrated for that label type. This is done by turning off the printer, holding down the 'Feed' button, powering the printer back on and releasing the 'Feed' button. The printer should print out some settings on the labels. Press 'Feed' again to confirm these settings.

The label size must be set on the driver itself using the total width of the label (including backing) and the height of the label itself.

If the printer is being used on a hosted server it should be connected via Ethernet.

## **Scales**

The use of Scales is currently not supported with Infusion software.

## **EFTPOS**

Infusion software currently has EFTPOS integration Payment Express / DPS and Verifone (Vault). Only the Payment Express / DPS option has been used on a hosted (RDP connection) environment.