



Bill Redirect

Transfer several serial devices data at the same time on the same computer as keystrokes (*wedge keyboard*) into your Windows application.
(as if it was typed in using the keyboard)



Multiple barcode scanners on a single computer

Use this documentation with the product : Bill Redirect 8.0P and more

Several Serial RS232 to Keyboard wedge software

http://www.billproduction.com/Wedge_Keyboard_Serial_RS232_Barcode_Scanner/INDEX.HTML

Email: info@BillProduction.com

Documentation: 05/05/2013

**This documentation demonstrate how
Transfer several serial device data as keystrokes into your Windows application.
No conflict even if two devices read data at the same time !**



The following instructions apply to all Serial Port (RS-232) Barcode Readers
USB Barcode Reader that supports Comm Port Emulation
Also compatible with any proximity card readers RFID such as:

RFIDeas proximity card reader	HID proximity card reader	Indala proximity card reader
ioProx proximity card reader	Awid proximity card reader	Chubb proximity card reader
Paradox proximity card reader	Posiin proximity card reader	Verex proximity card reader
DesFire proximity card reader	Casi-Ruco proximity card reader	Keri proximity card reader
NexWatch proximity card reader	G-Prox proximity card reader	Mifare proximity card reader
ISO 14443a proximity card reader	ISO 15693 proximity card reader iClass	And many more ...

Step #1

Download and install Bill Redirect software

http://www.billproduction.com/Bill_COMtoKB.ZIP

Step #2

Create a Shortcut instance to manage your devices



- In your Windows, create a new shortcut on your desktop to start Bill Redirect software

Edit the Shortcut Properties:

- In the first field (Target) enter:

"C:\Program Files\BillProduction\Bill Redirect Serial COM Port to Keyboard Buffer\Bill_Redirect_Serial_to_KB.exe" /#Device_Management#

- Start the software with this shortcut

Step #3



Disable all section except the **TCPIP** and **Keyboard Buffer**

In section **TCPIP**, set the switch to: **Off**

In section **Keyboard Buffer**, set the switch to: **On**

In section **Pressed Key**, set the switch to: **Off**

Step #4



In section TCPIP Communication, Click on button: **Configuration**

Select option: **Server**

In field Port enter: **3333**

Save Configuration

Click on button: **Save Configuration**

Step #5

Create another Shortcut instance to manage each device



- In your Windows, create a new shortcut on your desktop to start Bill Redirect software

Edit the Shortcut Properties:

- In the first field (Target) enter:

"C:\Program Files\BillProduction\Bill Redirect Serial COM Port to Keyboard Buffer\Bill_Redirect_Serial_to_KB.exe" #Device_001#

- Start the software with this new shortcut

*** *Note: Replace **Device_001** by your device name and use a unique name for each device.*

Step #6

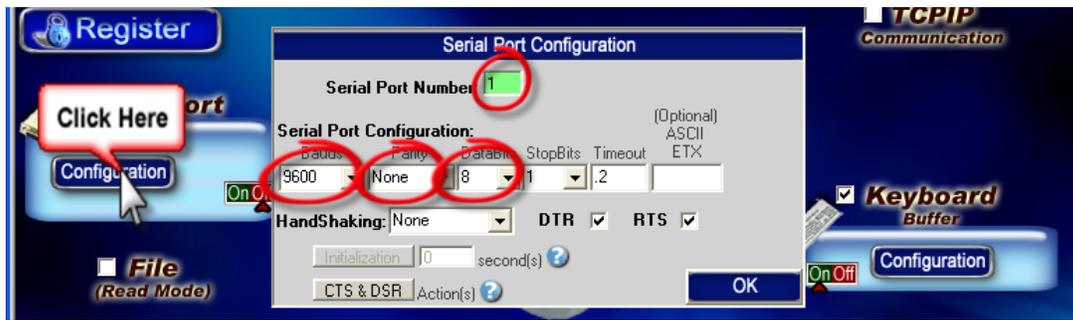


Disable all section except the **Serial Port** and **TCPIP**

In section **Serial Port**, set the switch to: **Off**

In section **TCPIP**, set the switch to: **On**

Step #7



In section Serial Port, click on button: **Configuration**
Enter the **Serial Port Number** where your Serial device is connected.
Serial Port Configuration: Enter the configuration of your peripheral.

Step #8



In section TCPIP Communication, Click on button: **Configuration**
Select option: **Client**
In field Port enter: **3333**
In field IP address enter: **127.0.0.1**

**Note: If you want connect a device to another computer then change 127.0.0.1 by the computer IP address visible at step #4*

Save Configuration

Click on button: **Save Configuration**

Repeat Step #5 to #8 for each RS-232 device.

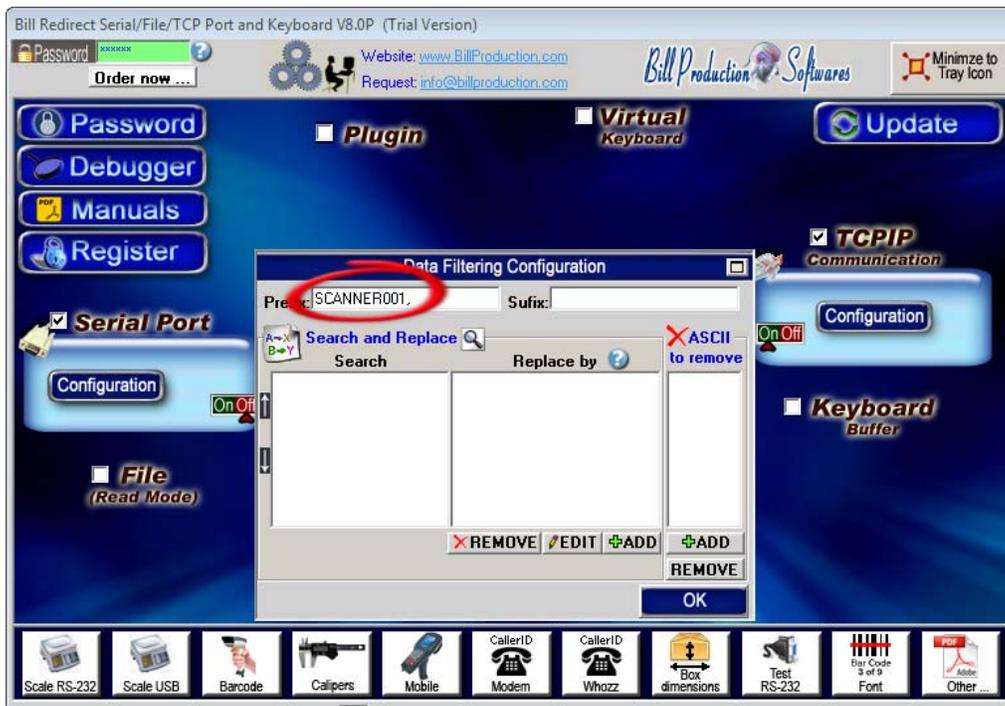
- * You must register each instance and only one license is needed if all instances are managed by the same computer.
- * To start all instances when the computer start ... simply copy all shortcut in your windows Startup.

Step #9 (optional)

Identify which data came from which port



In each scanner instance, click on: **Data Filtering Configuration**



Enter in field Prefix: **SCANNER001**,

Note: When the software receive data from your device, it add the **Prefix at the beginning of data and the **Suffix** at the end.*

Note: The **Prefix and the **Suffix** can contain any characters and or commands that you want.*

Save Configuration

Click on button: **Save Configuration**



If a problem persist or to do more
use our
Software configuration and integration service
It's free, fast (*usually the same day*), and efficient !
Submit your case to info@billproduction.com
and receive a customized solution !

For more documentation visit:



<http://www.billproduction.com/documentation.html>