

# Bill Production Softwares



**Bill Redirect Software can collect real-time data from any RS232 serial port device directly into Microsoft Excel**



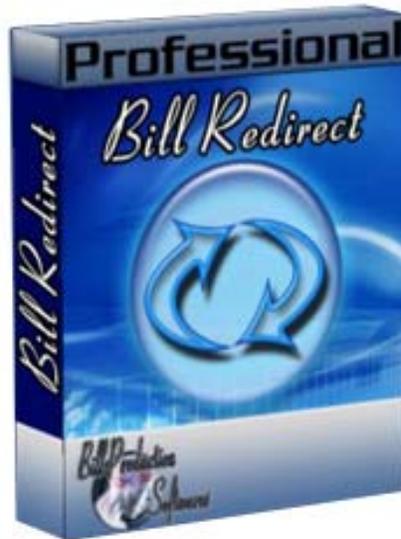
Use this documentation with the product : **Bill Redirect Version 6.0N or more.**  
(Rev.: 16/08/2009)

Our Internet site: <http://www.billproduction.com/>

Email: [info@BillProduction.com](mailto:info@BillProduction.com)

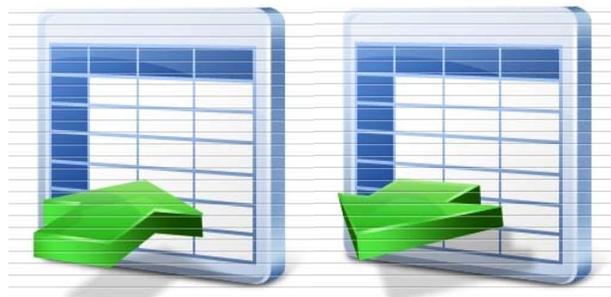
## SOFTWARE DESCRIPTION

To connect a peripheral and receive/send data with Excel



**Bill Redirect software works with any peripherals RS232, TCP and UDP !**

**This professional software enables Microsoft Excel to send and receive data with any peripherals.**



**No programming or additional hardware required !**

**Supported Operating Systems:** Windows 98, Me, 2000, 3000, XP, NT4, Vista.

 GENERAL INFORMATION

To configure our software you have to enter in the field password [www.billproduction.com](http://www.billproduction.com), In the configuration options you have the possibility to change this password for what you want.

To close this software, type **END** in the password field.

**Optional: You can download the complete manual of this software via this link:**  
[http://www.billproduction.com/Bill\\_Redirect\\_Manual.pdf](http://www.billproduction.com/Bill_Redirect_Manual.pdf)

**Software configuration and integration service**

**It's free, fast (*usually the same day*), and efficient !**

**Submit your case to [info@billproduction.com](mailto:info@billproduction.com)**

**and receive a customized solution !**



**Custom Software Development**

With over 15 years of experience in successfully providing Custom Software Development solutions for over 300 customers, we have honed our processes and skills to cater to your specific business needs.

To request a feature, a Customize option or any kind of Software:

Contact by email: [info@billproduction.com](mailto:info@billproduction.com)

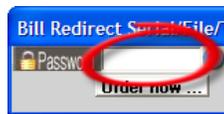
This example shows how you can communicate with a RS232 serial port peripheral with Microsoft Excel.

### Step #1 (General)

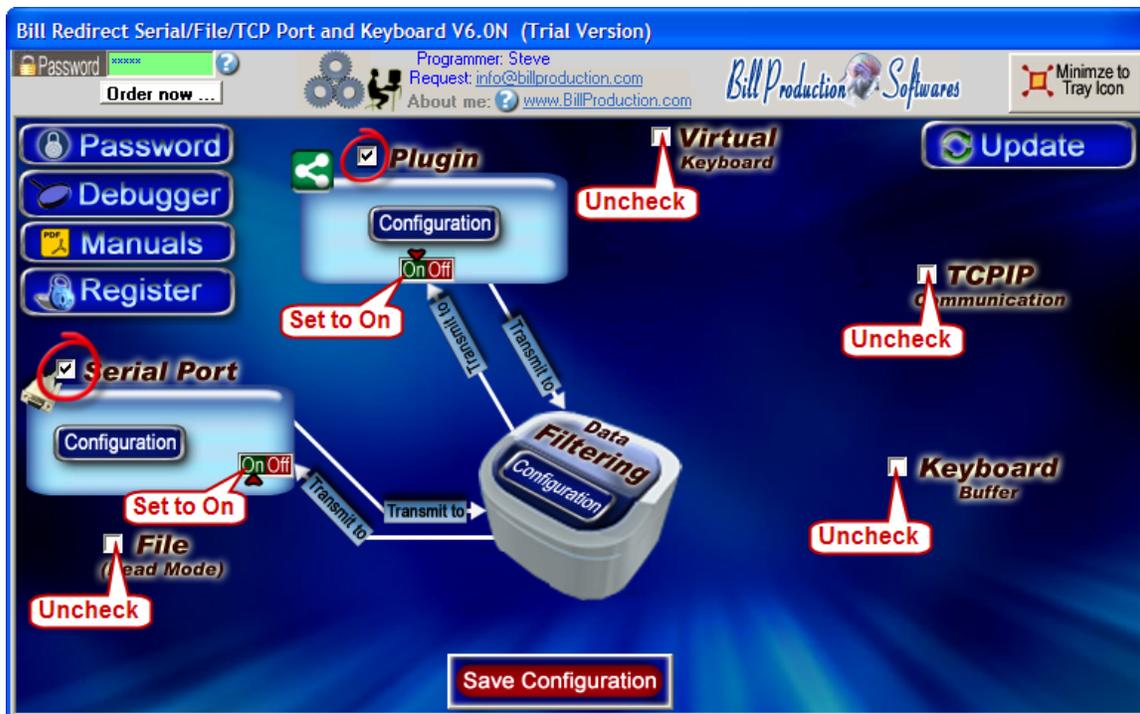
Download and install Bill Redirect software:

[http://www.billproduction.com/Bill\\_COMtoKB.ZIP](http://www.billproduction.com/Bill_COMtoKB.ZIP)

Start "Bill Redirect" software



Enter in password field: [www.billproduction.com](http://www.billproduction.com)

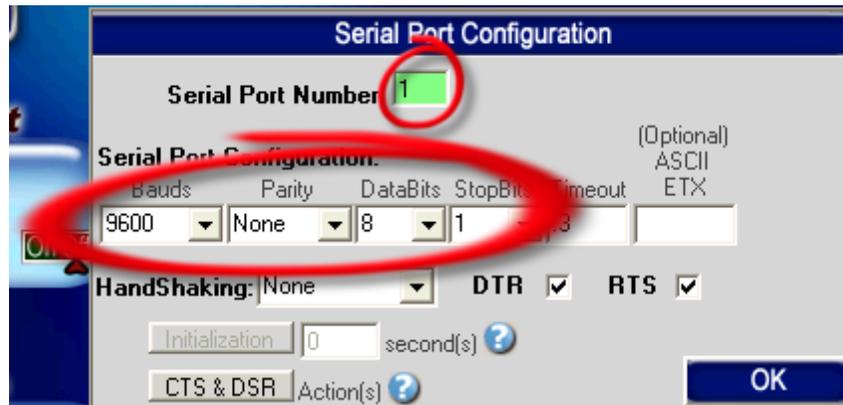


Disable all except the **Serial Port** and **Plugin** section.

Set to **ON** Serial Port switch.

Set to **ON** Plugin switch.

## Step #2 (Serial Port configuration)



Click on button: **Serial Port Configuration**

Enter the **Serial Port Number** where your Peripheral is connected  
Chose the Serial Port Configuration corresponding to your peripheral

**Optional:** If the data sent by your peripheral ends with a [ENTER], then enter **13** in the optional field

A close-up of the '(Optional) ASCII ETX' field from the configuration dialog. The field contains the number '13'.

otherwise leave it blank

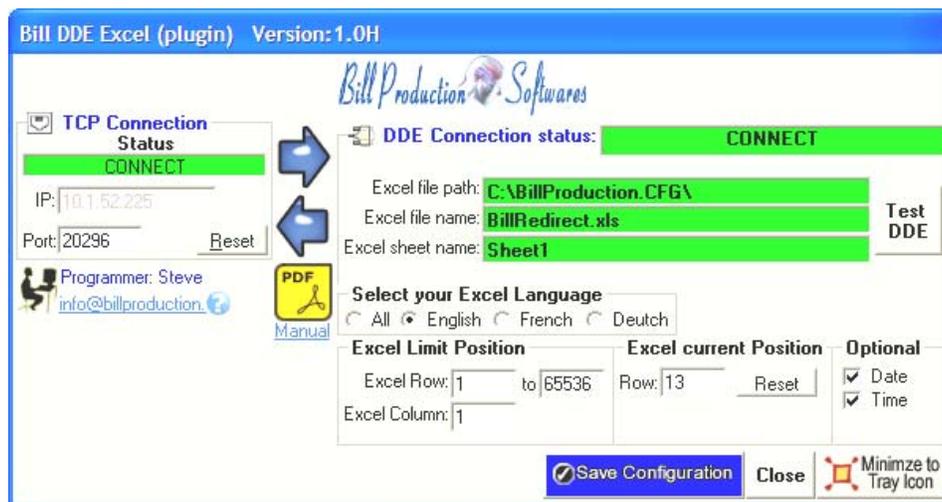
To see all Serial Port possibilities download the complete manual:  
[http://www.billproduction.com/Bill\\_Redirect\\_Manual.pdf](http://www.billproduction.com/Bill_Redirect_Manual.pdf)

### Step #3 (Microsoft Excel Plugin)

**Download and install: Plugin for Microsoft Excel:**  
[http://www.billproduction.com/Plugin\\_DDE.zip](http://www.billproduction.com/Plugin_DDE.zip)

#### Microsoft Excel configuration:

- Open Microsoft Excel software.
- Save the default Excel document to a directory.  
\*Example: *C:\BillProduction.CFG\BillRedirect.xls*



#### Bill DDE (plugin) configuration:

- Excel file path: Enter the directory where your Excel file is.
- Excel file name: Enter the Excel file name document.
- Excel sheet name: Enter the Excel sheet name.
- Click the button: **Test DDE**, to test the communication with your Excel

For more information about this Plugin use this documentation:  
[http://www.billproduction.com/Bill\\_DDE\\_over\\_Ethernet.pdf](http://www.billproduction.com/Bill_DDE_over_Ethernet.pdf)

## Step #4 ( Send data command to your peripheral )

### Excel VBA

To send data command from Excel to Bill Redirect peripheral use this VBA source in your Excel:

```
ChannelNumber = DDEInitiate("BPEXCEL", "BPEXCEL")  
DDEExecute ChannelNumber, "{TX_SERIAL[Hello Word !{ASCII:13}]}"  
DDETerminate ChannelNumber
```

\*\* Replace the command {TX\_SERIAL[Hello Word !{ASCII:13}]} by the command you want

Use the manual to see all the commands available:  
[http://www.billproduction.com/Bill\\_Redirect\\_Manual.pdf](http://www.billproduction.com/Bill_Redirect_Manual.pdf)



Click on button: **Save Configuration**  
Click on button: **Minimize to Tray Icon**  
**test**

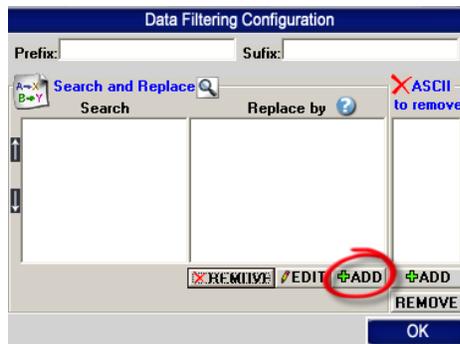
**Optional Step #5 ( If your device send many data )**

**Bill Redirect Software Data Filtering Configuration**

To add a rule in Bill Redirect



Click on: **Configuration**



Click on button: **ADD**

If your devices send many data separated by a character.

To receive data in Excel in different columns.

Example: If the character that separates the data is a comma

Enter in field <b>Search</b>	Enter in field <b>Replace by</b>
,	{ASCII:9}

If your devices send many data at different position in the string. To receive data in Excel in different columns.

Example: If the first data is at position 1 to 9 the second at position 10 to 13 and the third at position 14 to 22

Enter in field <b>Search</b>	Enter in field <b>Replace by</b>
{ALL_RX}	{STRING_MID[RX_DATA,1,9]}{ASCII:9}{STRING_MID[RX_DATA,10,4]}{ASCII:9}{STRING_MID[RX_DATA,14,9]}

Use the manual to see all the commands available:  
[http://www.billproduction.com/Bill\\_Redirect\\_Manual.pdf](http://www.billproduction.com/Bill_Redirect_Manual.pdf)

**For more documentation visit:**



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



**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](mailto:info@billproduction.com)**  
and receive a customized solution !**