

## Re: Printing stops with USB to Serial adapter

**Source:**

<http://www.tech-archive.net/Archive/Win2000/microsoft.public.win2000.printing/2005-02/0242.html>

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**From:** PointZero FR ("*PointZero*")

**Date:** 02/26/05

Date: Fri, 25 Feb 2005 19:02:40 -0500

The USB to Serial converter is branded Manhattan "USB TO SERIAL CONVERTER" (model number 205146, UPC 766623205146), the driver identifies itself as "Prolific USB-to-Serial Bridge" version 2.0.0.24, and I'm pretty sure it is a flow control issue.

With flow control set to Hardware, the spooler ("Printers Folder") gets an error "There was an error found printing the document ... to COM4:. Do you want to retry or cancel the print job?". If I ignore this, the entire output prints, and the message goes away.

With flow control set to Xon/Xoff or None, the output stops fairly consistently after a byte count (~1300-1400+ characters as counted from my app). The printer's buffer is supposedly 1kb (or somewhere close).

I have tried to configure the printer to print directly to the printer (i.e. not spool the output so I can add some waiting), but that does not appear to work. The output does not start until I end the print job (VB6 Printer.EndDoc). We are using VB6 SP4 on Win2k Pro SP2 (don't ask me why, but if it makes a difference, I'd be interested...).

Output directly to the COM port tends to show up as a bunch of question marks and blanks as if the parity or framing was off - but it is configured according to the printer's status page (except I've tried all combinations of stop bits and flow control - these are not printed on the printer's status page). It is also the same settings as used for the printer driver (when successfully printing using it).

Tore.

"Dick Grier" <dick\_grierNOSPAM@msn.com> wrote in message news:OhUzPp1GFHA.576@TK2MSFTNGP15.phx.gbl...

> Hi,

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> *This sounds like either a fault with the printer or the USB/serial driver.*

> *And, yes, it might be connected with a failure of flow control (either*

> *hardware or software). Without lots more information, it would be hard to*

> *speculate more.*

microsoft.public.win2000.printing: Re: Printing stops with USB to Serial adapter

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> *Dick*

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> --

> *Richard Grier (Microsoft Visual Basic MVP)*

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> *See [www.hardandsoftware.net](http://www.hardandsoftware.net) for contact information.*

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> *Author of Visual Basic Programmer's Guide to Serial Communications, 4th*

> *Edition ISBN 1-890422-28-2 (391 pages) published July 2004. See*

> *[www.mabry.com/vbpgser4](http://www.mabry.com/vbpgser4) to order.*

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