

# Re: Bluetooth connectivity problems, using Microsoft API

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*Source:*

<http://www.tech-archive.net/Archive/Development/microsoft.public.win32.programmer.networks/2008-08/msg00003>

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- *From:* "Farooque Khan" <farooque.khan[AT]gmail[DOT]com>
  - *Date:* Tue, 5 Aug 2008 17:49:25 +0530
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I am not sure I understand your problem completely, so this may be way off.  
But can't you just set the timeout on the Com port using SetCommTimeouts() ?

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"Pelle" <pelle1911@xxxxxx> wrote in message  
<news:dfaa7f8b-11f0-41c3-9821-6fb1b774b7ec@xx>

Hello all,

I've been told it's a good idea to ask this question in this forum.  
Any help highly appreciated!

Thanks in advance,  
Pelle.

Hello all,

we are currently in the process of developing a bluetooth interface for one of our measurement devices including a PC software (Windows) to access this interface.

## Re: Bluetooth connectivity problems, using Microsoft API

In the process of testing and understanding the bluetooth technology in connection with the Microsoft interface, we have run into a major problem.

It is a common action for a bluetooth device to leave the bluetooth send/receive range and become unavailable.

However, since Microsoft remembers the device, the associated virtual COM-port remains available.

While using the virtual COM-port I can't access any information on the

device outside the current communication, as for example signal strength or simply the availability of the device. Once the device becomes unavailable, the communication starts to hang and I have no chance of realising this.

Even worse, I have no chance to find out if I can reconnect to the device or not. If I try to reconnect and especially if I do so multiple times, there's a significant chance of the virtual COM-port to get stuck at the connection-attempt which would block me out of my device until I reboot the machine.

Having the customer to reboot the machine upon disconnection seems slightly ridiculous.

I hope there's a better answer to this seemingly common problem.

Looking forward to any further information,

thanks in advance,

regards,

Carsten Palleske.