

 odel  x-ray	Odel X-ray	EEN0007 Eng. to Eng.Note 2003-08
	NAVIGATOR and USB2COM driver	

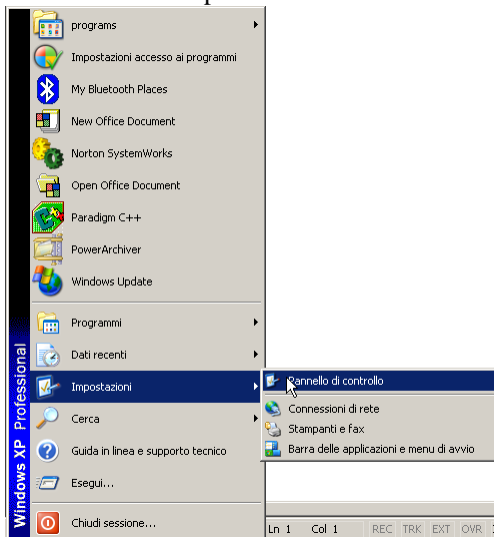
Odel NAVIGATOR, the Odel generator's configuration program running on Windows based computer, uses a Serial Port COM1, COM2, COM3 or COM4.

New portable computer do not have this port, and the only way to connect them with the generator is to use a USB to SERIAL port adapter.

There are so many of those adapter, and all are different in term of driver and installation, but one this is common between all of them, that is the driver to windows interface.

To set up it to be used with Navigator read following instructions:

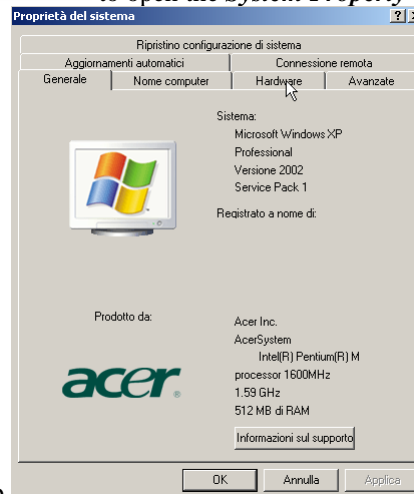
- After the USB dongle driver have been installed open the *Windows Control Panel* from the *Start Menu*



- In Windows Control Panel select the *System* icon:



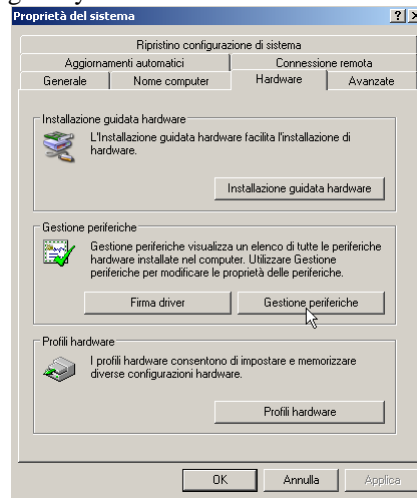
to open the *System Property* Window.



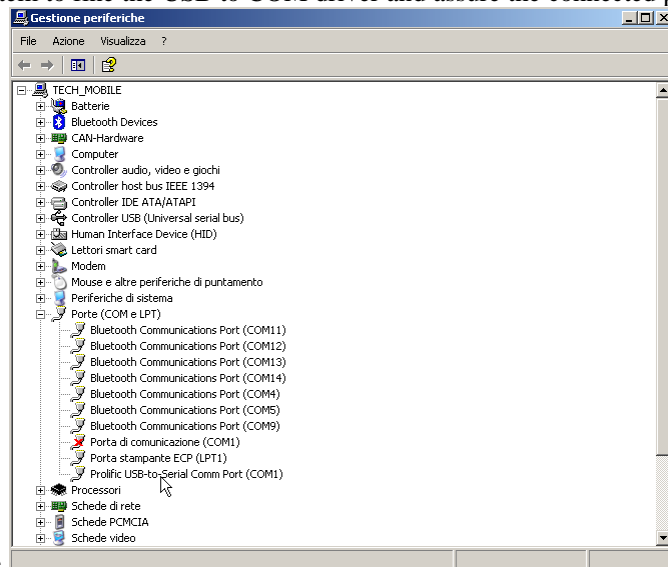
- In the System Property panel select the *Hardware* tab

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- Then press the Peripheral Manager key to access to the hardware description of your system

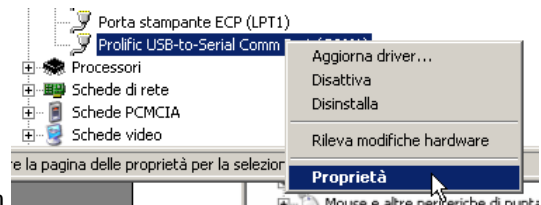


- Select the COM & LPT Port item to fine the USB to COM driver and assure the connected port is COM1 to



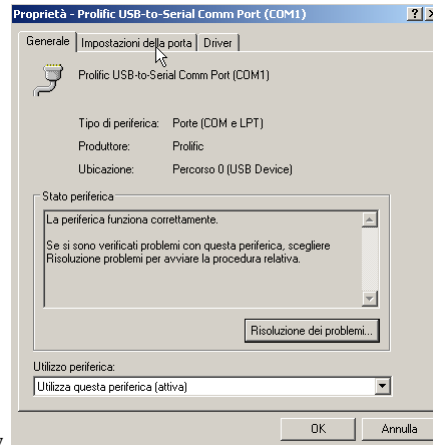
COM4 as in following picture

If the com port is different from COM1, COM2, COM3 or COM4 follows instructions:

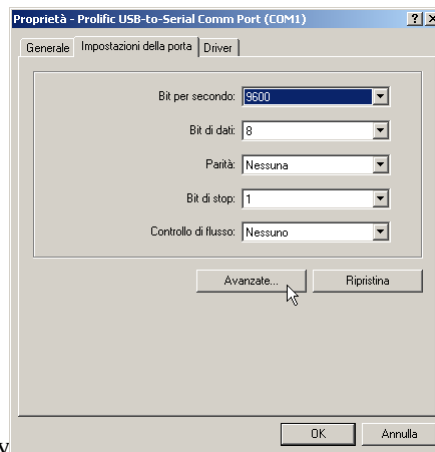


Right click on the USB to COM driver and select **Property** item

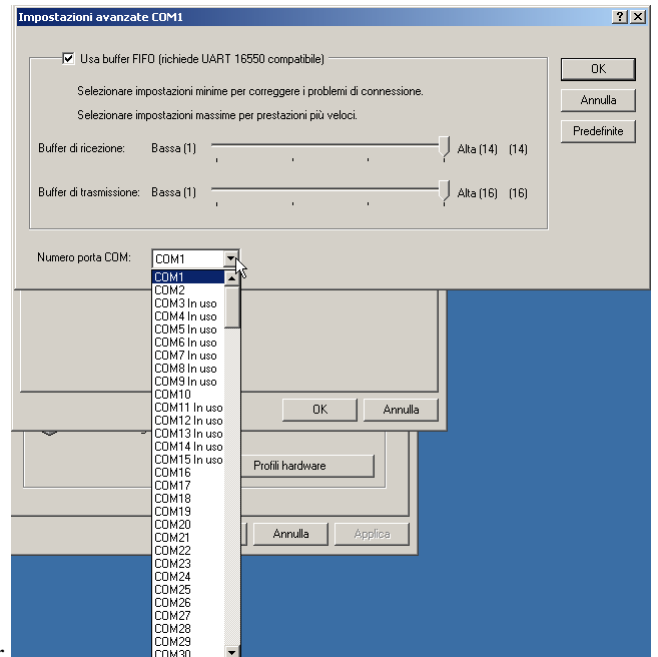
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Select *Port Setup* tab in driver property window




Then press the Advanced key



Here it is possible to select the COM port for the USB driver

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 odel x-ray	Odel X-ray	EEN0007 Eng. to Eng.Note 2003-08
	NAVIGATOR and USB2COM driver	

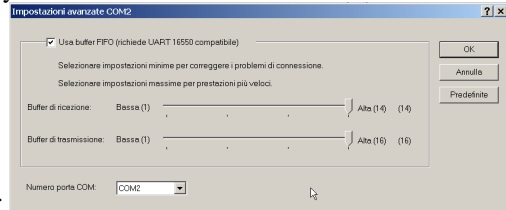
INSTALLING A NEW DRIVER

When a new or a different serial device is connected to the USB port, the sistem tends to keep the same driver.

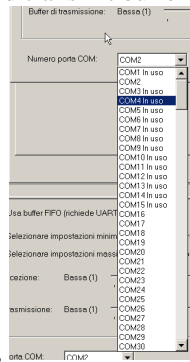
Generally the new divece works with the old driver but have some problems during large amount of data exchange (i.e. the Complete Configuration Transfert that can end before completing).

It is visible also in Operating window when the LINK STATUS continuously turn red and green.

In this case the receive buffer is not working in the right way.



Try using the highest priority in receive and transmit buffer



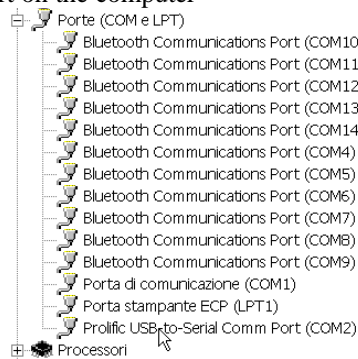
Try also using a NOT USED COM PORT, COM4, or request to ODEL the lastest version of Navigator

and see in next section how to configure a port highr than

It is also possible to locate the physical drivers and delete them to force the computer to reinstall the drivers.

The first way to do it is:

- Remove the USB to Serial device from USB port on the computer



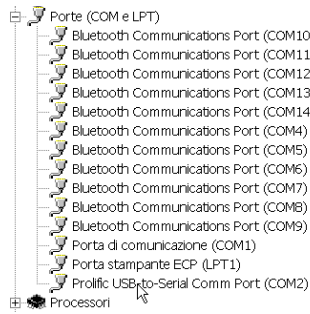
- Locate the USB driver (as in previous section) and delete it
- Insert the USB to SERIAL device in the USB port and, after the computer detects the P&P Harware change, select the MANUAL DRIVER installation, then let the installation program to find the driver on the CD-ROM given with the USB to SERIAL Device.

NOTE:

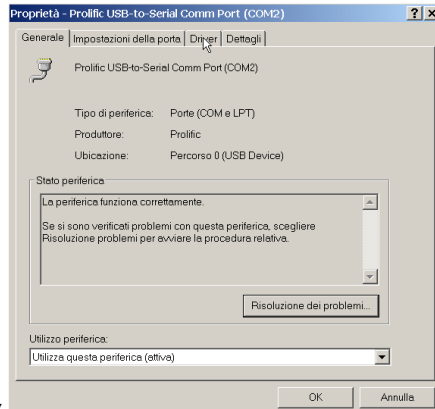
If it is not possible to install it manually, but the computer always takes the driver by default in its directory, the problem remains because the system always installs the old drivers. In this case it is necessary to locate the old driver, make a back-up copy of them in a different directory, delete them and let the computer re-install the USB to SERIAL device asking the CD-ROM containing the drivers.

Procede as follow:

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NOMEFILE	4
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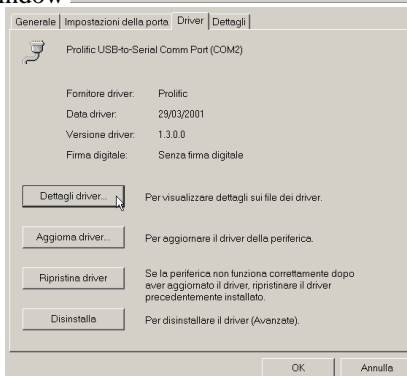


- Left click over the old driver



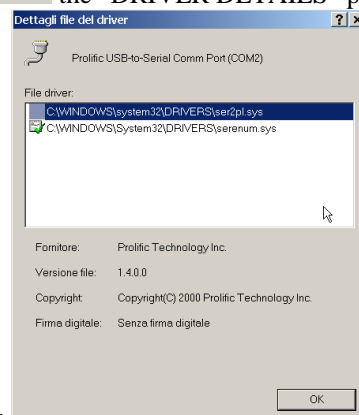
- After the window

opens select the “DRIVER” tab



- Then select



the “DRIVER DETAILS” pushbutton



- A new windows will open explaining the files location: COPY THEM IN A SAFE PLACE AND DELETE THEM FROM THE “..SYSTEM32\DRIVERS” directory

Then insert the USB to SERIAL device and let the installation procedure to find the drivers over the CD-ROM accompanying the serial device.

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	NAVIGATOR and USB2COM driver	

TIPS:

1) NOKIA cellular phone driver

It preempts the COM port and do not let it be used to other application "without notifying warnings or errors".

In this case kill the NOKIA process before using Navigator right clicking on task bar (bottom right in your computer



2) AUTO DOWNLOAD in Navigator



Open the Navigator configuration file doubleclicking on file "C:\Navigator\ NavLOC_01.ini" (

Locate the first section [CONFIG]

[Config]

...

COMdef = 0

...

Zut = "user"

Write COMdef = 1 instead of COMdef = 0 if the com setup is for COM1

Write COMdef = 2 if the com setup is for COM2

Write COMdef = 3 if the com setup is for COM3

Write COMdef = 4 if the com setup is for COM4

Write Zut = "TECH_service" instead of Zut = "user" if the user identifier to automatically logon as technical service member.

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