

## Application

### Title: PX Serial support in the KVM.net system

No: 200712-03

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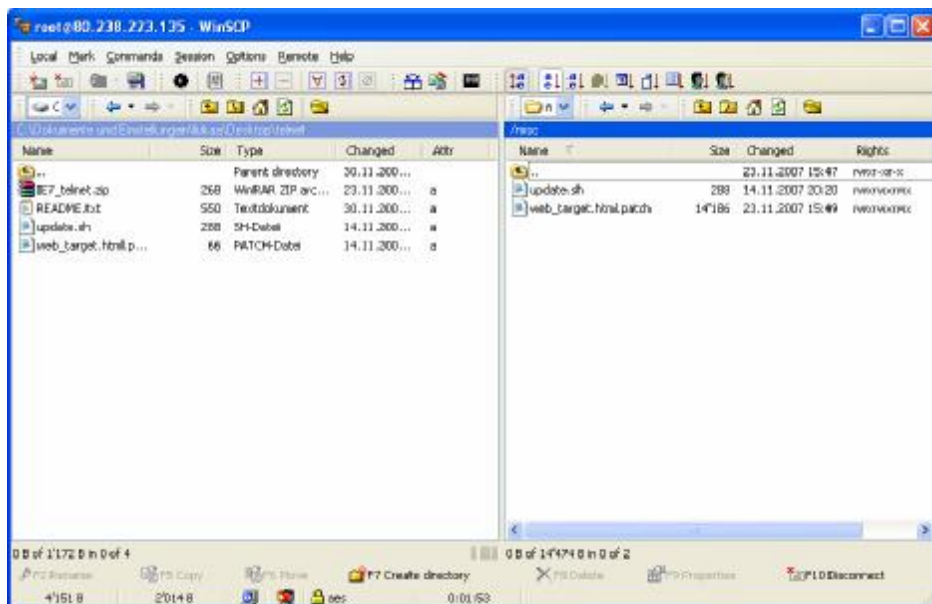
Summary: This document explains how the KVM.net system can support the PX serial.

## More Information

The original design of the web target in KVM.net 4.0.2.5 supports only http:// and https:// protocols. The following script adds telnet support to the Web Target page in the KVM.net manager. You can download the script from the following link:  
<http://support.minicom.com/KVMnet/scripts/telnet.zip>

## Updating the KVM.net manager

- Download the script and unzip it to a temp folder
- Use WinSCP to connect to the manager, with admin rights ( default: root/access ) and copy update.sh and web\_target.html.patch to /misc



- Connect to the KVM.net Manager using putty
- Log in as administrator ( default password is: root/access )
- Change to the misc directory by typing `cd /misc`
- Change permissions of the **update.sh** file by running `chmod a+x upgrade.sh` command in **/misc** folder.
- Update the KVM.net Manager by running `./update.sh` command. You do not need to reboot the KVM.net manger.

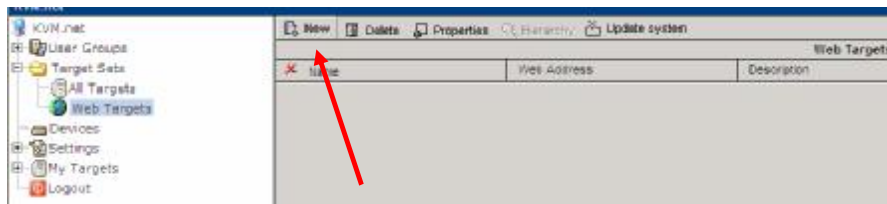
## Configuration of the PX Serial

- You don't need to make any special changes to the PX Serial. Configure it according the user guide.
- Under Port Profile, note you the port number. You need it for the configuring the KVM.net Manager as set out below.

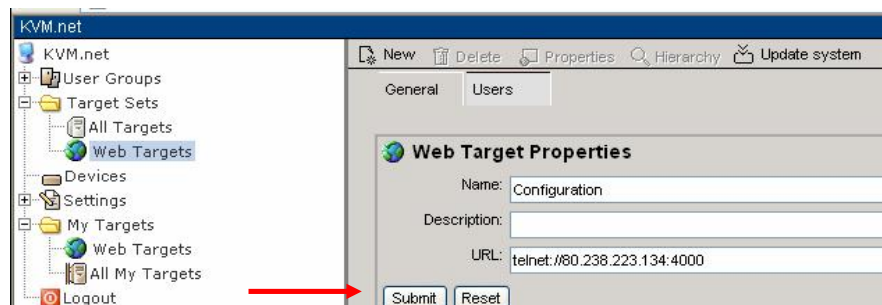


## Configuration on the KVM.net Manager

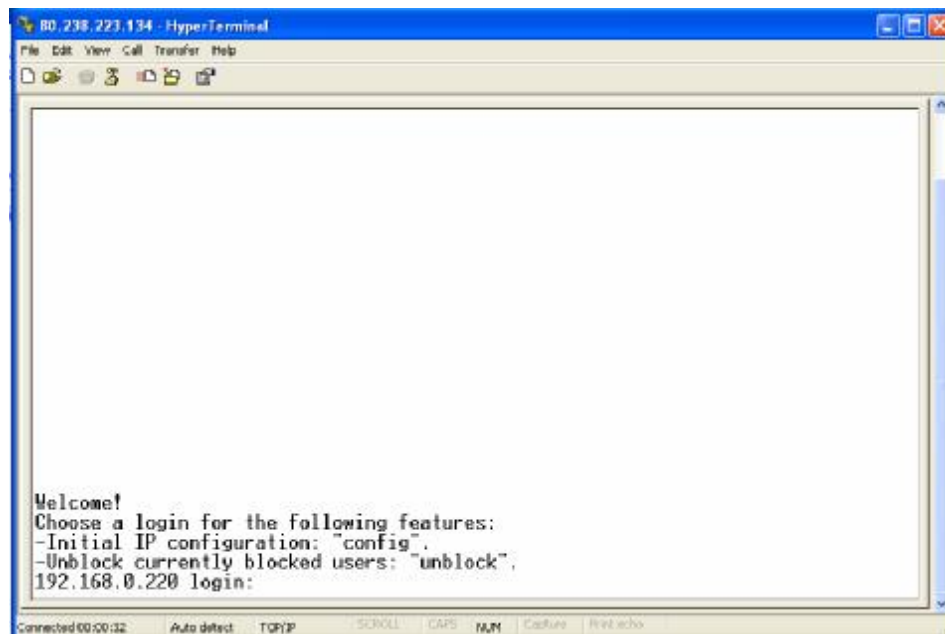
- Log in to the KVM.net Manager with admin rights.
- Go to Targets Sets / Web Targets and click New



- Enter the name and description of the device which is connected to the PX Serial
- In the URL type [telnet://ipadress\\_of\\_the\\_PX\\_Serial:Port\\_Number](telnet://ipadress_of_the_PX_Serial:Port_Number)
- Click Submit



- If you are using IE6 you are done. Go to My Targets / Web Targets and click the configured target. It will automatically open the default configured terminal emulation program. In this case Hyper Terminal.
- If you are using IE7 or Microsoft Vista go to the configuration of IE7 or to the configuration of Microsoft Vista below.



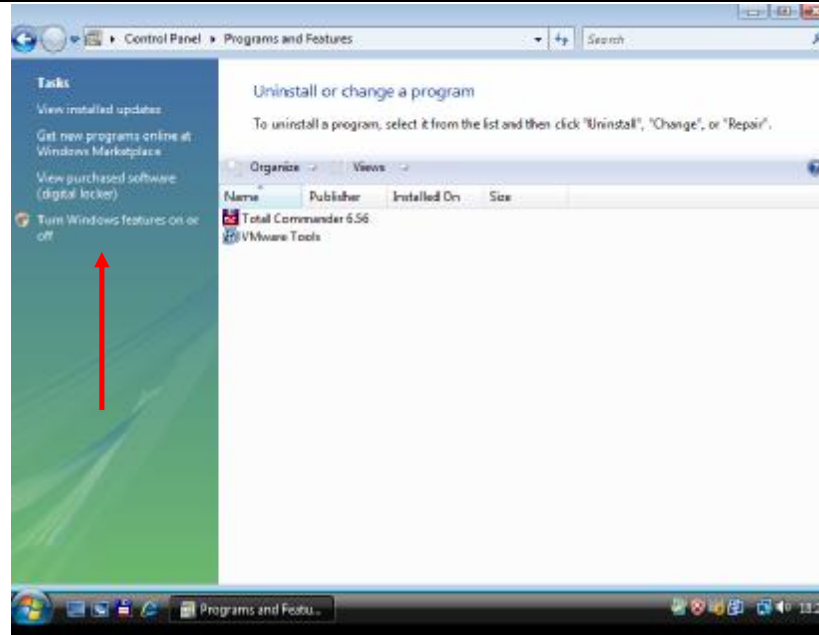
## Internet Explorer V7 Configuration

By default IE7 doesn't allow telnet:// url's. To change this, execute the included IE7\_telnet.reg file on your Windows PC.

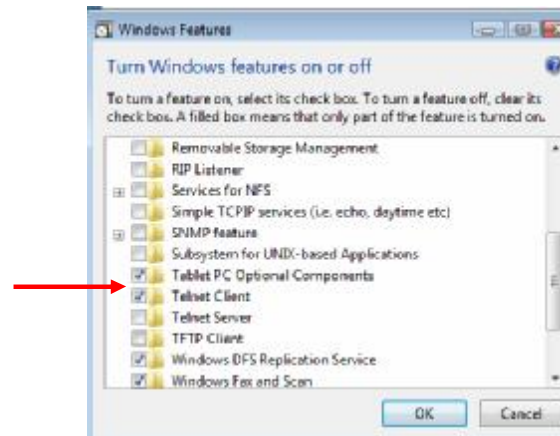
## Windows Vista Configuration

For Microsoft Vista, telnet is not installed by default. The telnet client needs to be activated. The following is a description how to do this:

- Log In with admin credentials
- Go to Start/Control Panel/ Programs and Features
- Click "Turn Windows features on or off"



- In the “Windows Feature box” search for the Telnet Client and select it.



## Note!

The PX Serial does not have any security authentication. This means that the serial device is available for anyone to connect and operate it without a user name and password.

Connecting to the PX Serial via KVM.net does not remove the lack of authentication. Anyone connected to the KVM.net can connect to the PX Serial regardless of their permissions.