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The following is OBSOLETE

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Installing Systec USB CAN gateways

Description

Goal: To install Systec USB-CAN gateways as well as CanOpenOPC server properly under Windows.

Required: Driver Package from Systec, Driver-Convertor dll for Systec, CanOpenOPC server, dot NET framework 2.0(required by CanOpenOPC server).

Location: Most softwares in **R:\Systec CAN Module**, dot NET framework in **R:\Windows**.

Details

- **step 1:** Disconnect the can gateway, and open **R:\Systec CAN Module\bin\index.html**.
- **step 2:** Click the "**Install USB-CANmodule for Windows 2000/XP**" to install the driver and some utilities.
- **step 3:** Plugin the CAN gateway, then the Windows will try to automatically load the driver, but the driver is not "certified" by MS, so you need to active it by hand. In order to do that, open **Device Manager**, and click the **USB-CAN-MODULE**, and click at the device to **re-install** the driver. Windows will ask you whether to search the driver on its website, select **Not this time**, and let it search for the driver automatically, then select **Yes** to continue the installation(to skip the driver certification warning). After that you should see the **Systec USB-CANmodul device driver**. Congratulations! The device is recognized and available now.
- **step 4:** Copy the **R:\Systec CAN Module\extra\Kvaser_SystecUSB.dll** to **C:\Windows\System32** or **C:\WINNT\system32**, and rename it as **canlib32.dll**. In principle, the driver should be ready to work now.
- **step 5:** If dot NET framework is already installed, go to step 6. If not, install it. You can get it from **R:\Windows\dotnetfx.exe**.
- **step 6:** Extract **R:\Systec CAN Module\extra\OPCSetup.zip**, and execute "setup.exe" install it. If there are no error, go to step final . If not, go to step 7.
- **step 7:** Because some errors occurred, you need to register the OPC component manually. Type "**regsvr32 C:\CanOpenOPC\kvaser+.dll**" to register kvaser interface, and "**C:\CanOpenOPC\CanOpen25+.exe /RegServer**" .If there are still some errors, go to step 5. If not, go to step final.
- **step final:** Have fun.

Comments

More details about the OPC setting, please refer to **C:\CanOpenOPC\Docs***

For debugging and testing, you can use **C:\CanOpenOPC\Tools\WinHost+.exe**

-- KaikuoZHUO - 20 Mar 2007

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