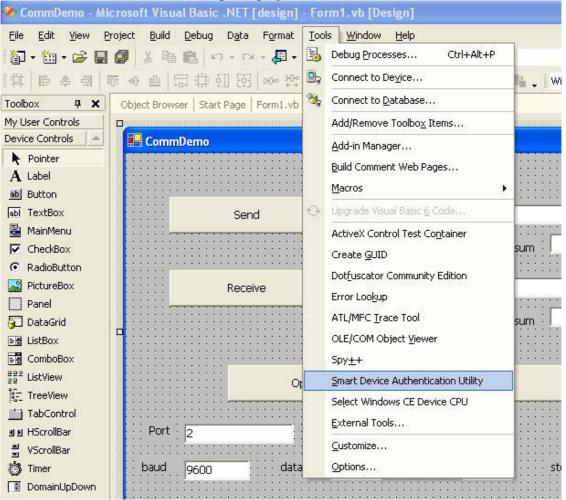
Debugging the WinCon-8000 from Visual Studio 2003

1. Copy the file "toolhelp.dll" from the PC with Visual Studio.NET 2003 to the WinCon. Source directory is C:\Program Files\Microsoft Visual Studio .NET 2003\CompactFrameworkSDK\WinCE Utilities\ToolHelp\WinCE4\armv4 . Destination directory is \Windows. This needs to be done every time you power up the WinCon. A batch file in auto execute could be used to automate this.

2. Run Windows sdauthutildevice.exe in the WinCon. Select the available IP address and click Start.



3. Start VS.NET 2003 on the PC, open a project. Choose tools/

If "Smart Device Authentication Utility" or toolhelp.dll is not available, please install Windows CE .NET Utilities v1.1 for Visual Studio .NET 2003 . (download link: <u>http://www.microsoft.com/downloads/details.aspx?displaylang=en&Fa</u> milyID=7ec99ca6-2095-4086-b0cc-7c6c39b28762 4. Enter the IP address of the WinCon-8000.

🔜 Smart Device Authentication Utility 💦 📃 🗖 🔀					
Enter the IP of WinCon-8000 Enter the IP address of the device you want to connect to. Then click Set Up Device to set up the device to listen for TCP connections. Click Close if you have no additional devices to set up.					
Device IP address: 192.168.1.102					
Set up device Close					
Status: Connection failed					

5. Click "Set up device". Wait about 30 seconds.

Smart Device Authen	tication Utility	
Device has been prepper	d and ConmanClient.exe has been suc	cessfully launched.

Do NOT close the first dialog. Minimize it only.

6. In VS.NET 2003 choose tools/options/device tools/device/config, "use specific IP address, enter IP of WinCon, click OK.

Options				
Environment Source Control	Show devices for platform:			
Text Editor	Windows CE	Windows CE		
Database Tools	Devices:			
Debugging	Windows CE .NET		Save As	
General	Windows CE .NET	Emulator	Delete	
Devices			Velete	
🗎 HTML Designer			Connect	
Projects Windows Forms Designer			22	
XML Designer				
	Device name:	Windows CE .NET Device		
	Transport:	TCP Connect Transport	Configure	
	2			
	Startup server:	ActiveSync Startup Provider 💽	Configure	
nfigure TCP/IP Transport Se	ottings			
ingare rei ni Transport se	Bo	OK Cano	el Help	
Use fixed port number: 56	56			
Device IP address				
C Obtain an IP address automatic	allu using AsticoCuns			
	ally using Activesync			
Use specific IP address:	_			
192.168.1.102				
	-IP of WinC	on-8000		

7. Put a breakpoint in your program code somewhere to see debugging work. Set Debug and Windows CE device config.

[design] - Form	1.vb [Des	ign]	
F <u>o</u> rmat <u>T</u> ools	Window	Help	
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	· 홍 홍‡	응; 6; 60 문 👊 🖬	Windows CE .NET Device
Form1.vb Form1	l.vb [Desi] [ng	
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8. Press F5 on the PC to run program on the WinCon-8000.

Caution: After debugging your VB.net/C# program ,if you want to copy your program and run it on Wincon-8000, please execute Wincon Utility, and select SAVE REGISTRY>RECOVER TO FACTORY SETTING and reboot Wincon-8000. (This action will recover ".Net Compact framework" to the factory setting). Otherwise, your created VB/C# program may not work !