

Using the .NET Edition of the NETRONIC VARCHART Components on the Processor Platforms x86 and x64

Is the NETRONIC VARCHART component usable on my platform...

...at design time?

Visual Studio	On Windows	Version 4.4 for .NET 2.0/3.0/3.5	Version 4.4 for .NET 4.0
2005	X86	Yes	No
	X64 ^{*2}		
2008 ^{*1}	X86		
	X64 ^{*2}		
2010 ^{*1}	X86	Yes	Yes
	X64 ^{*2}		

...at runtime?

Platform type in your Visual Studio application project ^{*4}	On Windows	Version 4.4
"x86" (also named "Win32")	X86	Yes
	X64 ^{*5}	Yes ^{*5}
"x64"	X86	No
	X64	Yes

^{*1} When compiling against .NET framework 3.5 or 4.0, you will have to use the full profile, not the "Client Profile", since the latter lacks the System.Design.dll which is required by the property pages at design time.

^{*2} This requires modifications in the Visual Studio project, as described in the chapter "platforms x86 an x64" of the user's guide.

^{*3} Visual Studio 2010 uses a different technique to compile resources for .NET framework 2.0/3.0/3.5. Please see <http://blogs.msdn.com/b/visualstudio/archive/2010/06/19/resgen-exe-error-an-attempt-was-made-to-load-a-program-with-an-incorrect-format.aspx>

^{*4} For running faultlessly on x64 platforms it is necessary to explicitly use x86 an x64 platform types. The default platform type of .NET projects named "AnyCPU" cannot be used because of the mixed-mode nature of the VARCHART componenet. This ist also described in the chapter "Platforms x86 and x64" of the user's guide.

⁵ Since there are actually two .NET framework variants installed on a Windows x64 Edition (one for x86 applications and the other one for x64 and AnyCPU applications), this application will the run in x86 mode.