



## Kown Issues on Smith V3.10

May 2010

### 1. Setup failure

- During Setup you must have administrator privileges.
- Temporarily disable Anti-Virus tool

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### 2. Smith does not start

There are many reasons to prevent correct execution. Some hints for troubleshooting:

- During Setup you must have administrator privileges.
- Check for all files in your installation folder (usually c:\Program Files\Smith V31).  
Setup installs following files:

**DevComponents.DotNetBar2.dll**

**Help V3.10.chm**

**smith.ico**

**Smith V3.10.application**

**Smith V3.10.exe**

**Smith V3.10.exe.config**

**Smith V3.10.exe.manifest**

**Smith V3.10.vshost.exe**

**Smith V3.10.vshost.exe.config**

**System.Windows.Forms.DataVisualization.dll**

**This files are essential for correct execution of Smith.**

Additional some less important text files, uninstall-files and a folder "S-Par" containing S-Parameter files.

When Smith correctly executes, a configuration file "layout.xml" will be written to C:\Users\user\AppData\Roaming\Smith V31 (Vista and Win7) or C:\Documents and Settings\user\Application Data\Smith V31 (XP)

Setup also copy S-Parameter Files and Example Files to: My Documents\Smith projects

- Smith uses Microsoft **.Net Framework 3.5**

If you have a previous version installed update from

<http://www.microsoft.com/downloads/details.aspx?FamilyId=333325FD-AE52-4E35-B531-508D977D32A6&displaylang=en>

In corporate networks contact IT-administrator.

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- **Compatibility issues on 32Bit (X86) or 64Bit (X64) operating systems:**

The manifest delivered in setup controls the compatibility and sets the visual style of the application. In some system configurations we noticed problems to start the application.

If Smith does not start at all, try to launch Smith without manifest: In the program directory (usually C:\Program Files\Smith V31) rename or delete "Smith V3.10.exe.manifest" and restart Smith.

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### **3. Microsoft HTML/CHM Help files do not display correctly.**

See document "HCM Help Error" on homepage.

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### **4. Windows 2000**

Unfortunately Windows 2000 does not support .NET Framework 3.5 and "Smith" is unable to run without .NET Framework 3.5.

Workaround: Forums publish some installation procedures for .NET Framework 3.5 in W2k. This was not tested in our labs.

<http://rainstorms.me.uk/blog/2008/03/12/microsoft-net-framework-35-in-windows-2000/>  
<http://rainstorms.me.uk/blog/2009/04/22/more-details-on-installing-net-35-in-windows-2000/>

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### **5. Unexpected results at datapoint input, reading S-Parameter files or Q- and VSWR-Circles**

If you get unexpected values and results at datapoint input, by loading S-parameter files, or Q- and VSWR-Circles your decimal symbol has probably wrong setting. Decimal symbol has to be "." (dot). Some windows setup, e.g. "German" and "Chinese" use "," (comma) as default. This results in misinterpretation of data values.

Go to Control Panel > Region and Language > Formats > Additional settings and change decimal symbol to "." (dot).

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