



Network Installation of SkillCheck Professional 4.0

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Network Installation of SkillCheck Professional 4.0

Overview

The network version of *SkillCheck Professional* or *SkillCheck Professional Plus 4.0* allows you to install the product on a server and run tests from multiple nodes simultaneously.

Important: To ensure that the *SkillCheck Professional* network version operates correctly on your network, we strongly recommend that you ask your network or systems administrator to install the product on your system.

Installing *SkillCheck Professional* on a network consists of four basic steps:

- Configuring the server
- Installing *SkillCheck Professional*
- Configuring the Administrator PC, and
- Configuring node PCs.

You will only be required to perform the first three steps the first time you install *SkillCheck Professional*. To install the product on a node PC, you need only perform step 4. Please be sure to follow the installation procedures described below.

Caution: Installation procedures vary slightly from network to network. Please be sure that you follow the correct procedure for your network!

The PC from which the original *SkillCheck Professional* system is installed is called the *Administrator PC*. While you can run tests from any node on your network, you can only perform administration functions (e.g. creating tests, changing system settings, etc.) from the Administrator PC. Because during test administration you can create and delete tests and purge databases, it is important that only one system be allowed to perform these functions on the network. It is also highly recommended that you do not perform any administrative functions while tests are running since these can interfere with tests in progress.

Network Compatibility and Performance

SkillCheck Professional is compatible with the following network servers/host machines:

- Windows NT Server 4.x and higher
- Novell 3.x and higher
- Windows NT Workstation 4.x and higher

Because *SkillCheck Professional* is a graphics-intensive, ODBC database-driven application, for best performance results it should be installed on a low-traffic area of your network. Heavy network traffic and/or a slow server can seriously impact network performance.

Network Installation

1. Configuring the Network Server and Setting Network Access

Server

A. Network Access

- You must have *full access* to the area on the server where *SkillCheck Professional* is to be installed.
- If you are using Windows NT, you should be granted the Full Control permission for the entire network share, including the root of the folder.
- If you are using Novell, you should be granted WRCEMFA rights to the root directory.
- After the installation is complete, access on the Administrator PC may be restricted to the *SkillCheck Professional* program directory and its subdirectories.

Nodes

Node workstations are required to have the *same* access as the Administrator PC (see above), but only to the *SkillCheck Professional* program directory and its subdirectories. Access to the root of the share or directory may be restricted as necessary.

2. Installing SkillCheck Professional and Configuring the Administrator PC

	What you should do:	What happens:
Step 1	<ul style="list-style-type: none">Working from the computer that you plan to use as the SkillCheck Administrator PC (see above, “Overview”), ensure that you are mapped to the logical drive of the server where <i>SkillCheck Professional</i> will be installed.Ensure that the PC has the correct access to this logical drive as specified in section 1 above.	<ul style="list-style-type: none">If the logical drive is not mapped, your PC will not be able to install or run the software.If you do not have the correct access, you will not be able to install or run the software.
Step 2	Install the <i>SkillCheck Professional</i> software to the appropriate location on your server.	Note that the 32-bit installation directory defaults to X:\PROGRAM FILES\SKILLCHECK. You may change this as necessary. Please refer to page 3 or 4 for more information on standard installation procedure.
Step 3	Restart the computer after Setup is complete.	
Step 4	From the Start menu, browse to the SkillCheck Professional group and run TestCenter.	The Administrator PC configuration is complete.

3. Configuring a Node PC

	What you should do:	What happens:
Step 1	<ul style="list-style-type: none"> Ensure that the node PC is mapped to the logical drive that contains the <i>SkillCheck Professional</i> software installed in sections 1 and 2 above. Ensure that the PC has the correct access to this logical drive as specified in section 1 above. 	<ul style="list-style-type: none"> If the logical drive is not mapped, your PC will not be able to install or run the software. If you do not have the correct access, you will not be able to install or run the software.
Step 2	<p>Working in Windows Explorer on the node PC, browse the server where <i>SkillCheck Professional</i> is installed and locate the program NetSetup.exe. (This program is located in the SkillCheck program root directory on the server. It can also be found at the root of the <i>SkillCheck Professional</i> CD-ROM.)</p> <p>Double-click NetSetup.exe.</p>	The Welcome screen appears.
Step 3	<p>To continue with the network setup installation, click the Next button.</p> <p>Note: At any time, you can exit the installation by clicking the Cancel button.</p>	The Connect to SkillCheck screen appears.
Step 4	<p>If the path displayed in the SkillCheck Location box shows the correct location of the installation on the server, click the OK button.</p> <p>If not, click the Browse button and locate the SkillCheck installation that you want to connect to. Then click the OK button.</p> <p>Note: Your node PC must be mapped to the network drive where <i>SkillCheck Professional</i> is installed in order to run the Network Setup (see step 1 above).</p>	The Start Installation screen appears.
Step 5	Click the Next button.	The installation begins. The node PC will be configured automatically, after which the Configuration Complete screen appears.
Step 6	Click the Finish button.	The node PC configuration is complete. The system will now ask whether you would like to restart your computer
Step 7	Click the OK button to restart the PC now, or click the Cancel button to restart the PC later.	Note: You must restart the PC after Setup is complete prior to running <i>SkillCheck Professional</i> !
	Whenever you want to configure a new PC to run <i>SkillCheck Professional</i> , simply repeat steps 1-7 above.	

Network Troubleshooting

Error Messages

Error occurs when...	Error Title	Error Message
<ul style="list-style-type: none">User has insufficient network rights during initial software installation.User has been granted insufficient network rights to the logical drive that contains <i>SkillCheck Professional</i> during node setup.	Network Access Error	<p>Setup has determined that you do not have sufficient network access to install or connect to SkillCheck in the specified location: [X]:\SKILLCHK</p> <p>Please ensure that you have full network access to this location and then run Setup again. If you need assistance, please contact your network administrator or SkillCheck Technical Support. Error code (xxxx)</p>
<ul style="list-style-type: none">User selects a drive to which the computer is not mapped during node setup.User selects a drive that does not physically exist during node setup.	Setup Error	<p>Setup cannot find <i>SkillCheck Professional</i> at the specified location: [X]:\SKILLCHK</p> <p>Please ensure that at [X]:\SKILLCHK:</p> <ul style="list-style-type: none">The <i>SkillCheck Professional</i> software has been installed.A logical drive has been mapped.You have full network access. <p>Then run Setup again. If you need assistance, please contact your network administrator or SkillCheck Technical Support.</p>
<ul style="list-style-type: none">User has been granted insufficient network rights to the logical drive that contains <i>SkillCheck Professional</i> during node setup.	Error	<p>The file [X]:\SKILLCHK\ODBC\ODBC.INI could not be opened.</p> <p>Please ensure that the user has sufficient network rights at the logical drive that contains <i>SkillCheck Professional</i>.</p>

Error Codes

Error Code	Cause
-1000	User does not have access to create files.
-2000	User does not have access to write to files.
-3000	User does not have access to read from files.
-4000	User does not have access to delete files.