



Simplify Scanning
Administrator Guide
Version 6.6

Release Info

This version of the *Simplify Scanning Client User Guide* is applicable for all software versions of Simplify Scanning 6.6 and greater, and is current until replaced.

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Preface

Welcome to the *Simplify Scanning Administrator Guide*. The purpose of the *Simplify Scanning Administrator Guide* is to answer your questions and guide you through the procedures necessary to administer the Simplify Scanning product efficiently and effectively.

Using the manual

You will find the *Simplify Scanning Administrator Guide* easy to use. You can simply look up the topic that you need in the Table of Contents. Later, in this Preface, you will find a brief discussion of each chapter to further assist you in locating the information that you need.

Special information about the manual

The *Simplify Scanning Administrator Guide* has a dual purpose design. It can be distributed electronically and then printed on an as-needed basis, or it can be viewed online in its fully interactive capacity. If you view the document online, a standard set of bookmarks appears in a frame on the left side of the document window for navigation through the document.

Conventions used in the manual

The *Simplify Scanning Administrator Guide* uses the following conventions:

- Information that can vary in a command—variable information—is indicated by alphanumeric characters enclosed in angle brackets; for example, <server address>. Do not type the angle brackets when you specify the variable information.
- A new term, or term that must be emphasized for clarity of procedures, is *italicized*.
- Page numbering is “online friendly.” Pages are numbered from 1 to x, *starting with the cover*, and ending on the last page of the guide.



Although numbering begins on the cover page, this number is not visible on the cover page or front matter pages. Page numbers are visible beginning with the first page of the Table of Contents.

- This manual is intended for both print and online viewing.
 - If information appears in [blue](#), it is a hyperlink. Table of Contents entries are also hyperlinks. Click the hyperlink to advance to the referenced information.

Assumptions for the manual

The *Simplify Scanning Administrator Guide* assumes that:

- You are familiar with Windows-based applications and basic Windows functions and navigational elements.
- References to any third-party standards or third-party software functions were current as of the release of this version of Simplify Scanning, and might have already changed.

Organization of the manual

In addition to this Preface, the *Simplify Scanning Administrator Guide* contains the following chapters:

- [Chapter 1, “Getting Started with Simplify Scanning,” on page 6](#) provides a high-level overview of the Simplify Scanning infrastructure. It also provides a summary of the Simplify Scanning communication through this infrastructure. Finally, it details the installation options that are available for the Simplify Scanning client.
- [Chapter 2, “The Simplify Scanning Server,” on page 10](#) details the functions that are available in the Simplify Scanning Server Control Panel.
- [Chapter 1, “The Simplify Scanning Client Control Panel,” on page 7](#) details the functions that are available in the Simplify Scanning Client Control Panel.

Chapter 1

Getting Started with Simplify Scanning

Simplify Scanning is a remote desktop scanning management solution that uses a universal “virtual” scanner driver that queries local scanners for their capabilities, such as resolution and supported paper sizes, and then forwards these scanner connections to be virtualized on a remote server or virtual desktop. Simplify Scanning compresses data to decrease network bandwidth consumption and achieve the scanning. This chapter provides a high-level overview of the Simplify Scanning infrastructure. It also provides a summary of the Simplify Scanning communication through this infrastructure. Finally, it details important considerations for installing the Simplify Scanning client.

This chapter covers the following topics:

- [“Simplify Scanning Infrastructure and Communication Summary” on page 7.](#)
- [“Simplify Scanning Client Installation Considerations” on page 9.](#)

Simplify Scanning Infrastructure and Communication Summary

A user can connect to a client in one of two ways to use Simplify Scanning for scanning from the attached local or network scanners or multifunctional peripherals (MFP) that offer scanning. In both cases, the scanner drivers are installed on the local computer.

- A user can connect to a *server* operating system over an RDP, ICA, or PCoIP connection from a client with a desktop or server operating system to scan to the local scanners.
- A user can connect to a *desktop* operating system over an RDP, ICA, or PCoIP connection from a client with a desktop or server operating system to scan to the local scanners.

Figure 1-1 below details the two scenarios for using Simplify Scanning.

Figure 1-1: Simplify Scanning infrastructure



Based on this infrastructure, the Simplify Scanning communication pathway can be summarized as follows:

At Log In
1. The Simplify Scanning client connects to the remote server or virtual desktop using a system protocol, which for Microsoft Windows is RDP, for Citrix is ICA, and for Vmware is PCoIP.
2. The Simplify Scanning Server detects a new session with the Simplify Scanning client, and carries out the initial required communication such as version verification.
3. The Simplify Scanning client queries the registry for cached scanner drivers data.
4. The Simplify Scanning client sends the data to the Simplify Scanning Server.
5. The Simplify Scanning Server detects the scanner drivers data.
6. The Simplify Scanning Server checks for a valid scanning license. If the license check is successful, then continue to Step 7 ; otherwise, if the license check fails, then client scanner data is discarded and a License Error message is displayed to the user.
7. The Simplify Scanning Server caches the client scanner data in the registry.

Scanning Functions
Note: Tricerat does not supply scanning applications for use with Simplify Scanning, but does supply some sample applications from TWAIN.org for testing purposes. See Start >All Programs > TWAIN Working Group for two examples of TWAIN-enabled applications, Twack_32.exe and Twack_64.exe.
1. A TWAIN-enabled application starts the scanning process on the Simplify Scanning Server.
2. The application makes a request to the TWAIN Data Source Manager (DSM) to select a Data Source (DS) and open it. The scanning virtual DS driver is loaded.
3. The application does one of two things: <ul style="list-style-type: none">• Requests the DS to display its user interface (UI), and then sends the scan parameters to the DS and initiate a scan on the client scanner.• Simply sends the scan parameters to the DS and initiate a scan on the client scanner.
4. After the Simplify Scanning client receives the scan image data, it compresses the image data, breaks it into packets, and then sends the data over the virtual channel to the server DS.
5. The DS receives the image data packets, re-assembles the scanned image on the server, and then decompresses the image in to its original form.
6. The DS returns the image data to the DSM, which then forwards the image data to the scanning application
At Log Out
1. The Simplify Scanning Server detects log out/disconnect.
2. The Simplify Scanning Server checks in the scanning license.
3. The Simplify Scanning Server purges the registry of the Simplify Scanning data for the session.

Simplify Scanning Client Installation Considerations

Three options are available for deploying the Simplify Scanning client. The option that you select is based on how the Simplify Scanning clients exist in your Simplify Scanning environment.

- **Manual installation:** For smaller environments, manually installing the Simplify Scanning client on each workstation that will be connecting to the remote server or virtual desktop is the recommended option. Refer to the *Simplify Scanning Quick Start Installation Guide* for instructions about manually installing the Simplify Scanning client.

For any of the following options, contact support@tricerat.com for assistance:

- **Deploy the Simplify Scanning client through a web page:** Many variations of deploying the Simplify Scanning client through a web page are possible. The most basic option is to set up a link on a designated web page, and then have your users click this link to download the installation file and install the Simplify Scanning client on their workstations. Users who are installing the Simplify Scanning client must have Administrator privileges for their workstations.
- **Deploy the Simplify Scanning client through a software deployment platform:** If your organization has a software deployment program with a “Silent” switch and supports an executable, then you can deploy the Simplify Scanning client through this platform.

Chapter 2

The Simplify Scanning Server

You access the Simplify Scanning Server through a control panel that allows for the detailed configuration and administration of your users' scanning environments. This chapter details the functions that are available in the Simplify Scanning Server Control Panel.

This chapter covers the following topics:

- [“The Simplify Scanning Server Control Panel” on page 11.](#)
- [“The Simplify Scanning Server Control Panel, About Tab” on page 13.](#)
- [“The Simplify Scanning Server Control Panel, General Tab” on page 14.](#)
- [“The Simplify Scanning Server Control Panel, Scan Profiles Tab” on page 17.](#)
- [“The Simplify Scanning Server Control Panel, Users tab” on page 20.](#)
- [“The Simplify Scanning Server Control Panel, Logging Tab” on page 22.](#)

The Simplify Scanning Server Control Panel

The Simplify Scanning Server is installed on the computer that your users are logging in to remotely. The Simplify Scanning Server Control Panel allows for the detailed configuration of your Simplify Scanning objects and scanning environments. To open the Simplify Scanning Server Control Panel, on the remote server, do one of the following:

- Open the Start menu, and then under Tricerat > Simplify Scanning, double-click Server Control Panel.
- If available on the server desktop, double-click the Simplify Scanning Server desktop icon.

Figure 2-1: Simplify Scanning Server Control Panel desktop icon



Figure 2-2: Simplify Scanning Server Control Panel



The Simplify Scanning Server Control Panel has five primary tabs, each with different options for configuring and administering your Simplify Scanning objects and scanning environments. With the exception of the About tab, all the tabs have the following features in common:

- After you make a change to any value on a tab, you can do one of the following:
 - Click Apply (displayed at the bottom of the control panel) to save the change and leave the control panel open.
 - Click OK (displayed at the bottom of the control panel) to save the change and close the control panel.



All current values on all tabs are saved when you click Apply or OK. You cannot save changes on a per tab basis.

- After you have made and applied all the needed changes for your Simplify Scanning server, click the standard Windows close icon (“X”) at the top right corner of the control panel to close and exit out of the control panel.



If you have made any changes to the server settings, and have not applied these changes, then you are prompted to do so before exiting the application.

See:

- [“The Simplify Scanning Server Control Panel, About Tab” on page 13.](#)
- [“The Simplify Scanning Server Control Panel, General Tab” on page 14.](#)
- [“The Simplify Scanning Server Control Panel, Scan Profiles Tab” on page 17.](#)
- [“The Simplify Scanning Server Control Panel, Users tab” on page 20.](#)
- [“The Simplify Scanning Server Control Panel, Logging Tab” on page 22.](#)

The Simplify Scanning Server Control Panel, About Tab

When the Simplify Scanning Server Control Panel first opens, the About tab is the open tab. The About tab displays the major version of the currently installed client and two unique hyperlinks, one for the End User License Agreement (EULA) for the Simplify Scanning client and one for notifications and licenses for the third-party software that the Simplify Scanning client uses. Optionally, you can click these links to view the referenced information.

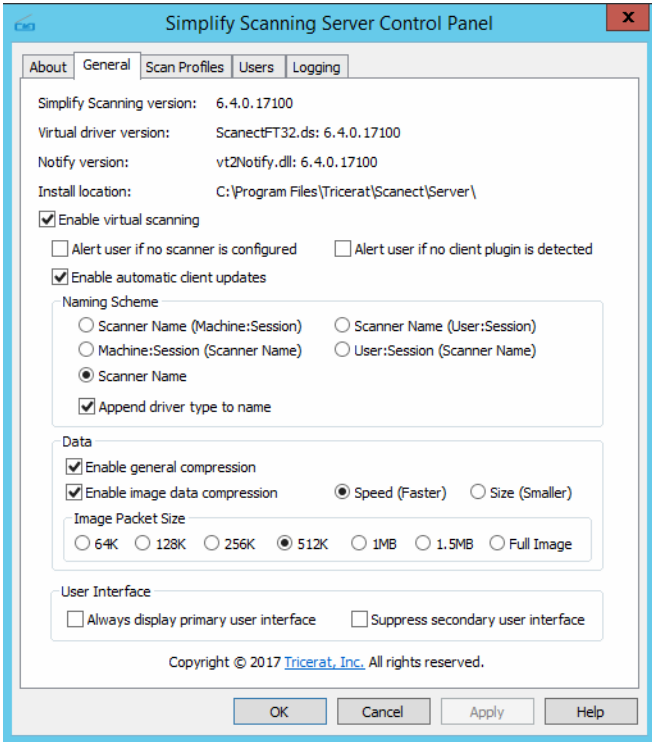
Figure 2-3: Simplify Scanning Server Control Panel, About tab



The Simplify Scanning Server Control Panel, General Tab

The General tab on the Simplify Scanning Server Control Panel displays version information about the Simplify Scanning software. It also contains options for configuring your users' remote scanning sessions.

Figure 2-4: Simplify Scanning Server Control Panel, General tab



Option	Description
Simplify Scanning version	The major version for the Simplify Scanning client software.
Virtual driver version	The version of the virtual driver that the Simplify Scanning Server uses.
Notify version	The version of the notification DLLs that the Simplify Scanning Server uses.
Note: The Simplify Scanning version, the Virtual Driver version, and the Notify version should be identical. If they are not, contact support@Tricerat .	
Install location	The detected installation location for the Simplify Scanning Server.
Enable virtual scanning.	Selected by default. Leave this option selected to keep the Simplify Scanning software operable. Clear this option to disable the Simplify Scanning software.

Option	Description
The following options are available only if Enable Virtual Scanning is selected.	
Alert user if no scanner is configured	Selected by default. Leave this option selected to display a notification if no scanner is configured for the user's client.
Alert user if no client plugin is detected	Selected by default. Leave this option selected to display a notification if the Simplify Scanning client software is not installed on the user's client.
Enable automatic client updates	<p>Ensures that the software versions that are running on the Simplify Scanning Server and a Simplify Scanning client are always in sync. If the Simplify Scanning Server detects that any client that connects to it is running a version of the software that is older than what it is currently running, the server automatically downloads the plugins that are necessary to upgrade the client and synchronize the versions between the server and the client.</p> <p>Note: The plugins that are downloaded from the server are displayed on a per client basis on the Plugins tab of the Simplify Scanning Client Control Panel. See "The Simplify Scanning Client Control Panel, Plugins Tab" on page 15.</p>
<p>Naming Scheme - Indicates how the names of the scanners that are available to the user are to be displayed. Only one option can be selected at a time. Available options are:</p> <ul style="list-style-type: none"> • Printer Name (MACHINE:SESSION) • MACHINE:SESSION (Scanner Name) • Scanner Name • Scanner name (USER:SESSION) • USER:SESSION (Scanner Name) 	
Append driver type to name	You can select this option for any naming scheme.
Data	
Enable general compression	Selected by default. Leave this option selected to enable compression of all non-image data.
<p>Enable image data compression</p> <ul style="list-style-type: none"> • Speed (Faster) • Size (Smaller) 	<p>Selected by default. Leave this option selected to enable image data compression.</p> <p>Note: This option has no effect on any image attribute. It simply ensures that the image data is compressed before being transferred.</p> <ul style="list-style-type: none"> • Select this option to enable a compression algorithm that increases the rate of image data compression but the size of the compressed data is larger than if you select Size. • Select this option to enable a compression algorithm that is slower than the algorithm that is used if you select Speed, but decreases the size of the compressed image data.

Option	Description
Image Packet Size	Before the compressed image data is sent to the server, it is broken into packets. This setting controls the size of these packets. The default value is 512K is appropriate for most servers; however, for ultimate network utilization, you can select a size that matches your network requirements.
User Interface	
Always display primary user interface	Some TWAIN applications might prevent the Simplify Scanning data source from displaying a user interface. Select this option to ensure that the Simplify Scanning user interface is always displayed. Note: The preview features in the Simplify Scanning user interface make this a useful option.
Suppress secondary user interface	Select this option to ensure that the Simplify Scanning secondary user interface is <i>not</i> displayed. Note: The secondary user interface is a progress bar that displays the progress of the image transfer.

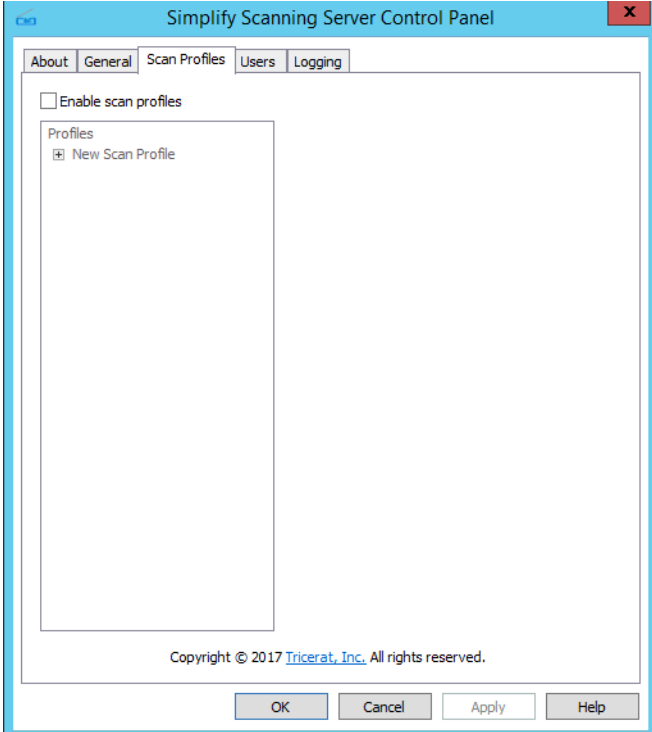
The Simplify Scanning Server Control Panel, Scan Profiles Tab

The Scan Profiles tab on the Simplify Scanning Client Control Panel specifies specific scanning settings, known as a *scan profile*, that can be applied to a client scanner. A scan profile can specify up to three types of settings: the scanning DPI, the scanning color mode, and the scanning source. Because this profile forces these settings for a client scanner, a user cannot override and/or change these settings. When the Scan Profiles tab opens, a placeholder for a new scan profile is displayed.



If scan profiles are enabled, then a user must select a profile to use for scanning.

Figure 2-5: Simplify Scanning Server Control Panel, Scan Profiles tab



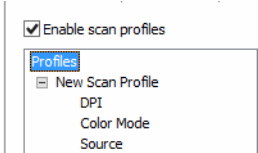
To define a scan profile, do the following:

1. Select Enable scan profiles.
The placeholder for New Scan Profile is enabled.
2. Select the New Scan Profile placeholder, and then enter the scan profile name.

3. Next to the scan profile, click the Expand icon.

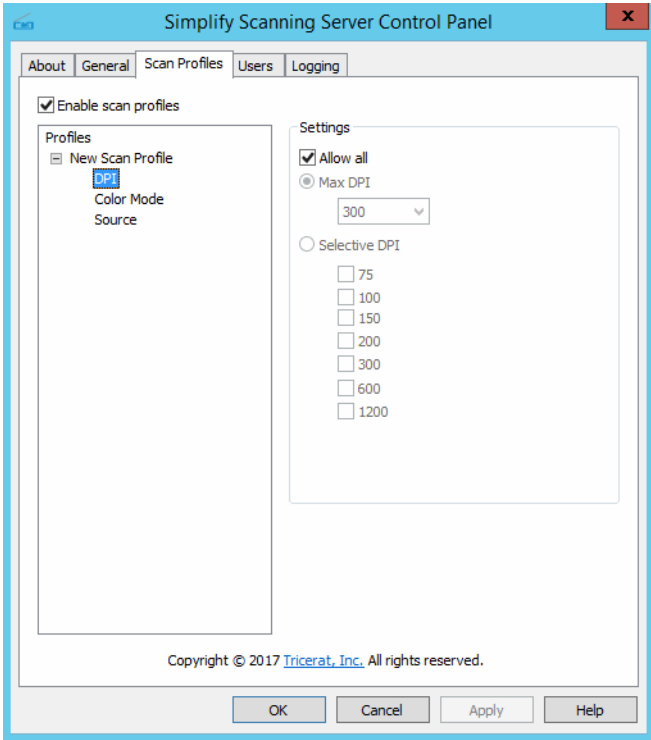
The scan profile settings (DPI, Color Mode, and Source) are displayed.

Figure 2-6: Scan profile options



4. To specify the value for each profile setting, select the setting to update the right side of the tab with the available options for the setting, and then specify the values as needed.

Figure 2-7: Simplify Scanning Server Control Panel, Scan Profiles tab with DPI setting options displayed



5. Click Apply.
6. To add more scan profiles, in the Profiles tree, do the following in the order indicated:
 - Right-click Profiles, and on the context menu that opens, select Add Profile.
 - Repeat [Step 2](#) through [Step 5](#).

Optionally, you can also rename a profile and/or delete a profile.

- To rename a profile, right-click the profile, and on the context menu that opens, click Rename.
- To delete a profile, right-click the profile, and on the context menu that opens, click Delete.



If you delete a scan profile, the profile is removed immediately from the Simplify Scanning Server. Any jobs that were in progress before the profile was deleted are completed.

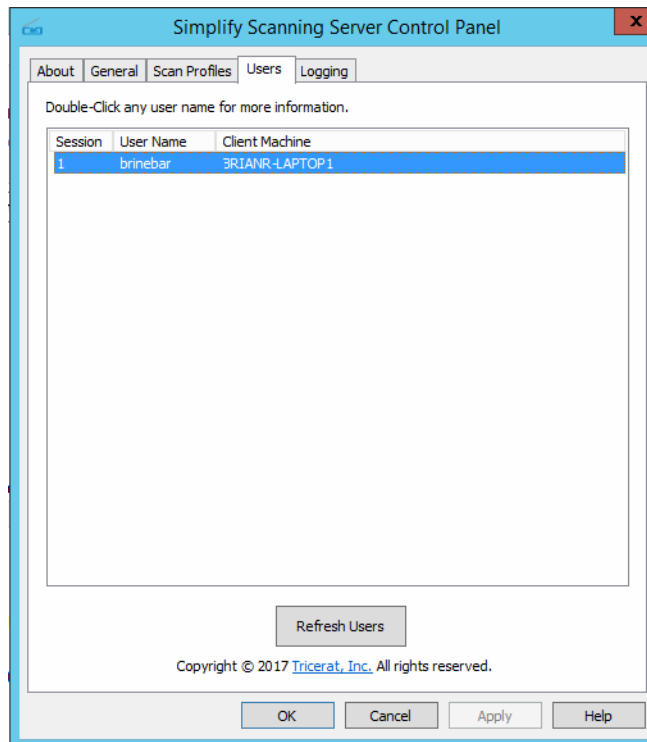
The Simplify Scanning Server Control Panel, Users tab

The Users tab on the Simplify Scanning Server Control panel is a read-only tab that displays all the users, by name, who are currently logged in to the server. The tab also displays the session information for each user, and the user's machine name.



If no users are currently logged in, then when you open the tab, a message indicating this opens.

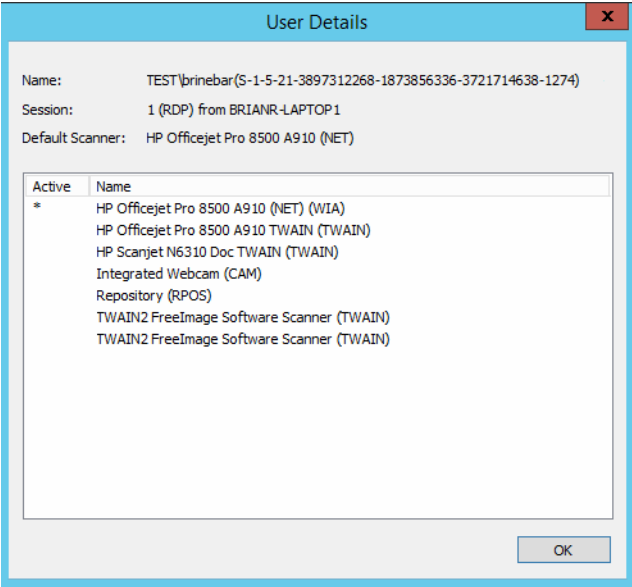
Figure 2-8: Simplify Scanning Server Control Panel, Users tab



You can do the following on this tab:

- To refresh the Users list during the server session (which users have logged in during the server session and which users have logged off during the server session), click Refresh.
- To view details about a currently logged-in user, such as the user's default scanner and the user's detected scanners, double-click the user entry to open a User Details dialog box. See [Figure 2-9 on page 21](#).

Figure 2-9: User Details dialog box



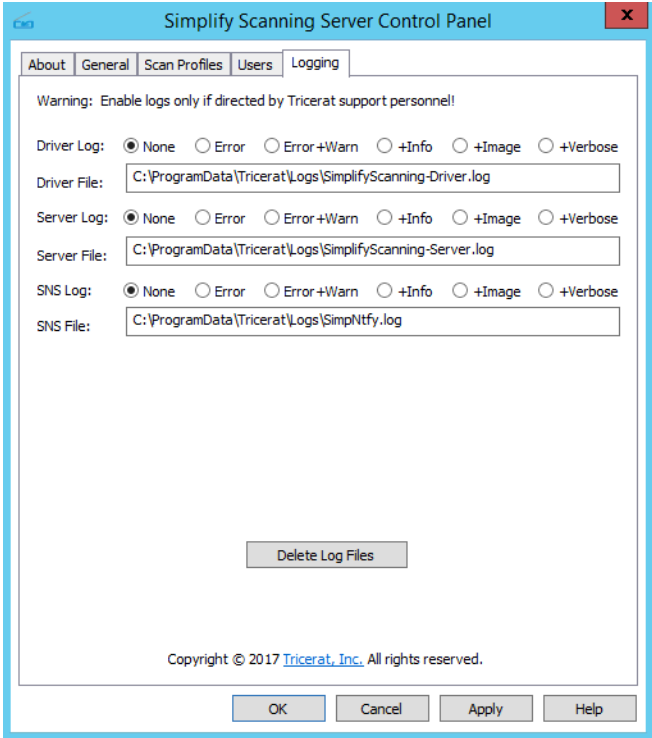
The Simplify Scanning Server Control Panel, Logging Tab

The Logging tab on the Simplify Scanning Server Control Panel provides options for diagnostic logging from the Simplify Scanning Server. This logging information is used for debugging or problem tracking purposes.



Because Tricerat support primarily uses this information, you should not change any of the default values on this tab unless Tricerat Support instructs you to do so.

Figure 2-10: Simplify Scanning Server Control Panel, Logging tab



Chapter 3

The Simplify Scanning Client

The Simplify Scanning client does not require your users to configure their scanners for a remote session. As long as the Simplify Scanning client is installed on the connecting workstations and the Simplify Scanning Server is installed on the remote server or desktop, then the scanners are built for your users. Your users access the Simplify Scanning client through a control panel that allows for the defining and configuring of the client scanners that are to be made available to the remote server. The client supports both major scanning protocols, TWAIN and WIA, as well as a proprietary protocol, RPOS, that Tricerat has developed. This chapter details the functions that are available in the Simplify Scanning Client Control panel.

This chapter covers the following topics:

- [“The Simplify Scanning Client Control Panel” on page 7.](#)
- [“The Simplify Scanning Client Control Panel, About Tab” on page 9.](#)
- [“The Simplify Scanning Client Control Panel, General Tab” on page 10.](#)
- [“The Simplify Scanning Client Control Panel, Scanners Tab” on page 12.](#)
- [“The Simplify Scanning Client Control Panel, Camera Tab” on page 14.](#)
- [“The Simplify Scanning Client Control Panel, Plugins Tab” on page 15.](#)
- [“The Simplify Scanning Client Control Panel, Logging Tab” on page 16.](#)

The Simplify Scanning Client Control Panel

The Simplify Scanning client is installed on every client workstation that your users are using to log in to the remote server or desktop. The Simplify Scanning Client Control Panel allows for the defining and configuring of the client scanners that are to be made available to the remote server. To open the Simplify Scanning Client Control Panel, do one of the following:

- Open the Start menu, and then under Tricerat > Simplify Scanning, double-click Client Control Panel.
- If available on the client desktop, double-click the Simplify Scanning Client desktop icon.

Figure 3-1: Simplify Scanning Client desktop icon

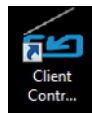
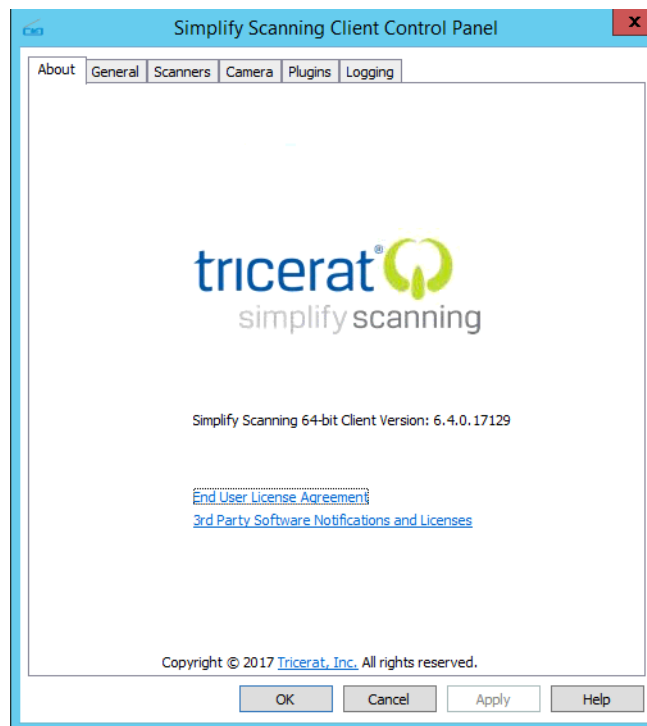


Figure 3-2: Simplify Scanning Client Control Panel



The Simplify Scanning Client Control Panel has six primary tabs, each with different options for defining and configuring the client scanners that are to be made available to the remote server. With the exception of the About tab and the Plugins tab, all the tabs have the following features in common:

- After you make a change to any value on a tab, you can do one of the following:
 - Click Apply (displayed at the bottom of the control panel) to save the change and leave the control panel open.
 - Click OK (displayed at the bottom of the control panel) to save the change and close the control panel.



All current values on all tabs are saved when you click Apply or OK. You cannot save changes on a per tab basis.

- After you have made and applied all the needed changes for your Simplify Scanning client, click the standard Windows close icon (“X”) at the top right corner of the control panel to close and exit out of the control panel.



If you have made any changes to the client settings, and have not applied these changes, then you are prompted to do so before exiting the application.

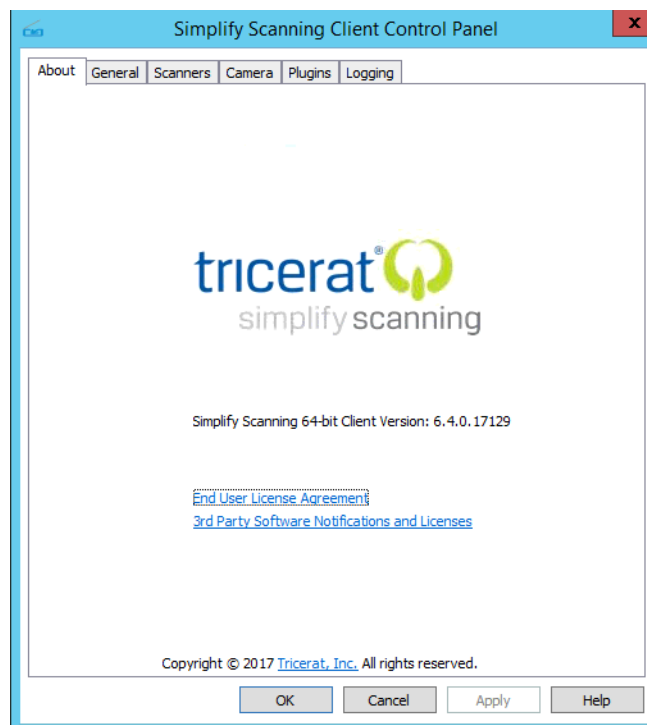
See:

- [“The Simplify Scanning Client Control Panel, About Tab” on page 9.](#)
- [“The Simplify Scanning Client Control Panel, General Tab” on page 10.](#)
- [“The Simplify Scanning Client Control Panel, Scanners Tab” on page 12.](#)
- [“The Simplify Scanning Client Control Panel, Camera Tab” on page 14.](#)
- [“The Simplify Scanning Client Control Panel, Plugins Tab” on page 15.](#)
- [“The Simplify Scanning Client Control Panel, Logging Tab” on page 16.](#)

The Simplify Scanning Client Control Panel, About Tab

When the Simplify Scanning Client Control Panel first opens, the About tab is the open tab. The About tab displays the major version of the currently installed client and two unique hyperlinks, one for the End User License Agreement (EULA) for the Simplify Scanning client and one for notifications and licenses for the third-party software that the Simplify Scanning client uses. Optionally, you can click these links to view the referenced information.

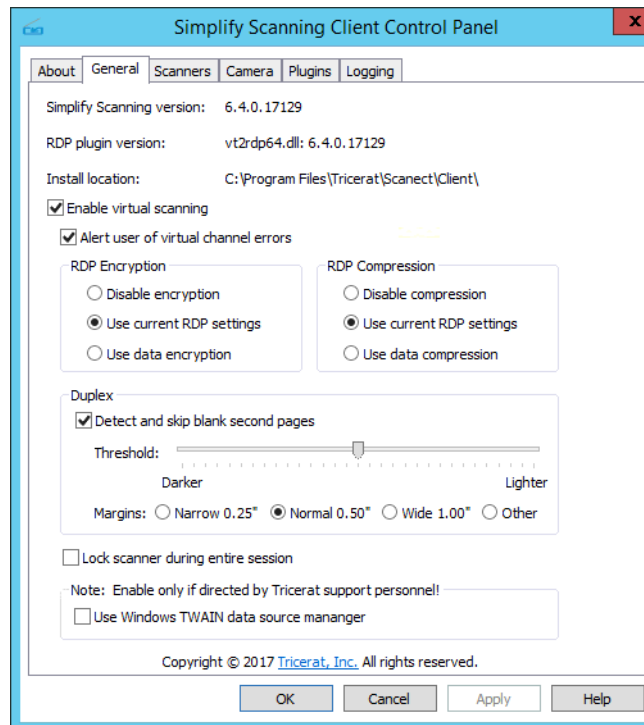
Figure 3-3: Simplify Scanning Client Control Panel, About tab



The Simplify Scanning Client Control Panel, General Tab

The General tab on the Simplify Scanning Client Control Panel displays version information about the Simplify Scanning software. It also contains options for configuring a user's remote session and options for troubleshooting the user's client installation.

Figure 3-4: Simplify Scanning Client Control Panel, General tab



Option	Description
Simplify Scanning version	The major version for the Simplify Scanning client software.
RDP plugin version	The version for the RDP plugin DLL that the Simplify Scanning Client software uses.
Install location	The detected installation location for the Simplify Scanning client.
Enable virtual scanning.	Selected by default. Leave this option selected to keep the Simplify Scanning client software operable. Clear this option to disable the Simplify Scanning client software.
Alert user of virtual channel errors	Selected by default. Leave this option selected to display a notification to the user anytime an error in communication between the Simplify Scanning Server and client occurs.

Option	Description
<p>RDP Encryption - Only one option can be selected at a time.</p> <ul style="list-style-type: none"> • Disable encryption • Forces the disabling of RDP encryption. • Use current RDP settings • Selected by default. Use the RDP encryption settings as specified by the system administrator. • Use data encryption • Forces the enabling of RDP encryption. 	
<p>RDP Compression - Only one option can be selected at a time.</p> <ul style="list-style-type: none"> • Disable compression • Forces the disabling of RDP compression.. • Use current RDP settings • Selected by default. Use the RDP compression settings as specified by the system administrator. • Use data compression • Forces the enabling of RDP compression. 	
<p>Duplex</p>	
Detect and skip blank second page	Selected by default. During a duplex scan, use the current threshold setting to detect blank second pages. Blank second pages are not sent to the server.
Threshold	Adjust the Threshold setting to set the percentage of white or black pixels that determine if a page is blank or not.
Margins	Specify the margin size for the paper. You can select from a pre-defined list (Narrow, Normal, or Wide), and any data that falls outside the specified margins is not evaluated. Note: To set a margin other than a pre-defined value (Other), contact support@Tricerat.com .
Lock scanner during entire session	Typically, a scanner driver is locked before a scan and unlocked after a scan. Select this option to keep the scanner driver locked for the entire user session. Note: This option is useful for some network scanner drivers.
Use TWAIN Data Source Manager (DSM)	Enable only if Tricerat support directs you to do so.

The Simplify Scanning Client Control Panel, Scanners Tab

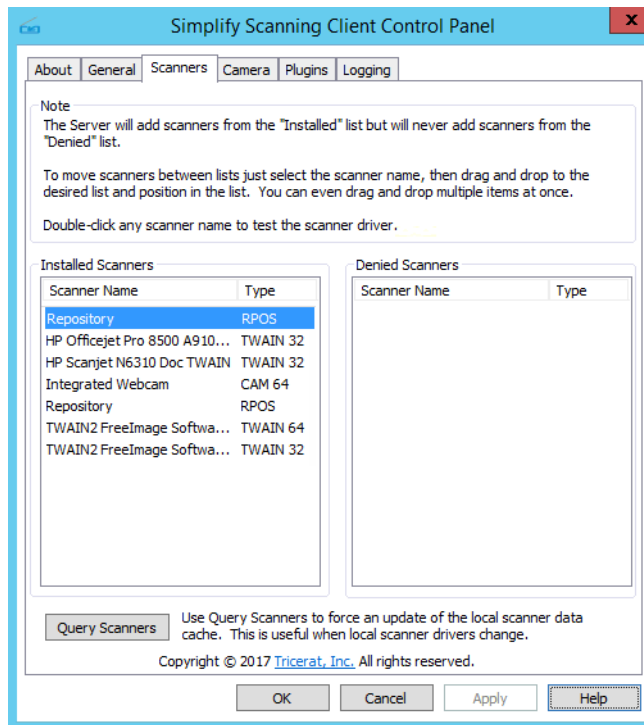
The Installed Scanners list on the Scanners tab on the Simplify Scanning Client Control Panel displays all the scanner drivers, by name, that were detected on a user's client or the client's network. The Type column for each scanner indicates the protocol, TWAIN, WIA, or CAM that the scanner uses as well as the bit size (32 or 62) of the scanner driver. RPOS, which stands for Repository, is always displayed in the Installed Scanners list, and it is a proprietary protocol developed by Tricerat. If this protocol is selected, then you can "scan" an image that is currently stored elsewhere; for example, on an external and connected USB drive, the C: drive of the client, or a digital camera's storage location when the digital camera is connected to the Simplify Scanning client by USB and using a file browser to select the image and digitally transfer it.



Currently, the RPOS protocol supports only bitmap (.bmp) images.

The Simplify Scanning Server queries the available scanners in the Installed Scanners list for a scanning job in the order in which they are displayed in the list. The server never queries any scanner that is displayed in the Denied Scanners list.

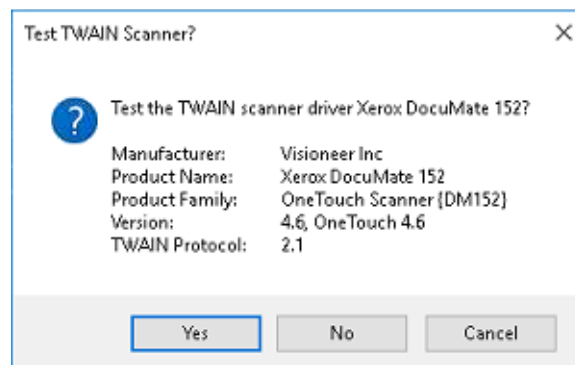
Figure 3-5: Simplify Scanning Client Control Panel, Scanners tab



You can do the following to arrange the scanners in these lists:

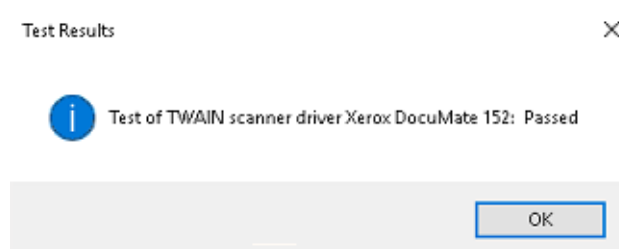
- To move a scanner from the Installed Scanners list to the Denied Scanners list, in the Installed Scanners list, select the scanner (press and hold the CTRL key to select multiple scanners), and then drag the selected scanners to the Denied Scanners list. (You can always move a scanner or scanners from the Denied Scanners list back to the Installed Scanners list.)
- To change the order of scanners that are displayed in the Installed Scanners list, select the scanner, and then drag the scanner to a new location in the list.
- To view information about a scanner, double-click the scanner to open a Test Scanner dialog box. The dialog box displays name of the scanner's manufacturer, the scanner's product name and product family, its current version, and the scanning protocol that it uses. The dialog box also prompts you about testing the scanner.

Figure 3-6: Test Scanner dialog box



- To test a scanner before opening a scanner session, double-click the scanner to open a Test Scanner dialog box (see Figure 1-6 above), and then click Yes. The results of the test are displayed in a Test Results dialog box.

Figure 3-7: Test Results dialog box

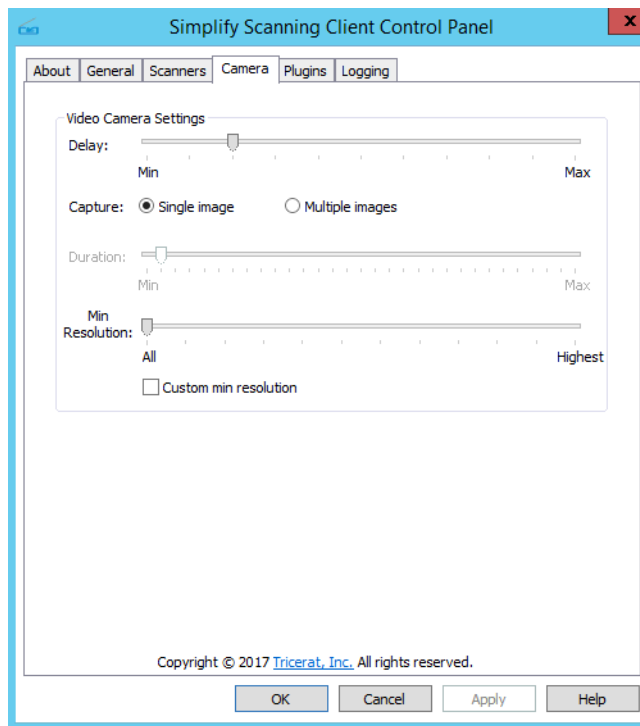


- To update the information about the scanners that are installed on your client, click Query Scanners. Note that after you query your installed scanners, the order of the scanners that are displayed in the Installed Scanners list might change. Also, if any scanner driver fails this simple query, then after query is complete, the scanner is automatically moved from the Installed Scanners list to the Denied Scanners list.

The Simplify Scanning Client Control Panel, Camera Tab

In addition to traditional scanners, Simplify Scanning client supports digital camera output. For example, the camera can be connected via USB to a client on which the Simplify Scanning client is installed, or the camera can be an integrated camera as is common on many laptops. The Camera tab on the Simplify Scanning Client Control panel contains the options for configuring the settings for a digital camera that is to be used with the Simplify Scanning client.

Figure 3-8: Simplify Scanning Client Control Panel, Camera tab



Option	Description
Delay	The time to delay before capturing a picture with the camera.
Capture	You can select only one option. <ul style="list-style-type: none"> • Single image • Multiple images
Duration	Enabled only for multiple images. The duration for capturing multiple images, which are collated from a video.
Min Resolution	The minimum resolution required for pictures.
Custom min resolution	Contact support@Tricerat for assistance with this setting.

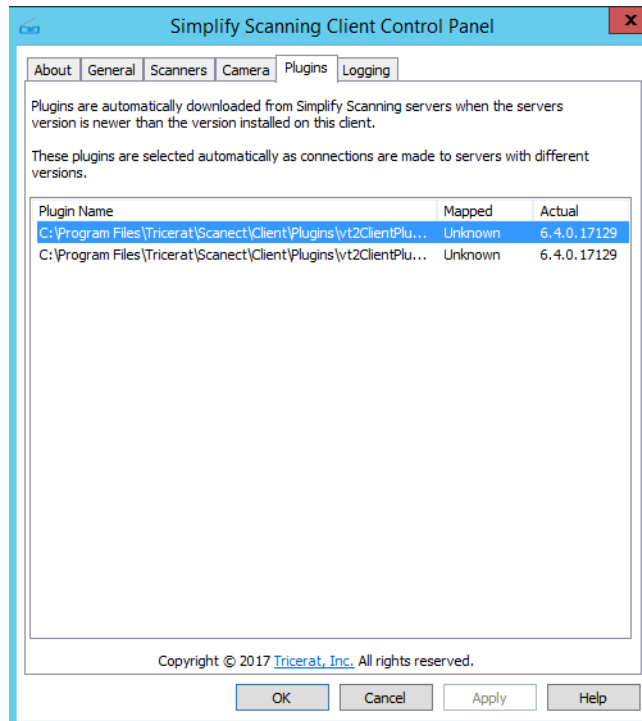
The Simplify Scanning Client Control Panel, Plugins Tab

Simplify Scanning has an auto-update function that ensures that the software versions that are running on the Simplify Scanning Server and a Simplify Scanning client are always in sync. With the auto-update function enabled, if the Simplify Scanning Server detects that any client that connects to it is running a version of the software that is older than what it is currently running, the server automatically downloads the plugins that are necessary to upgrade the client and synchronize the versions between the server and the client. The Plugins tab on the Simplify Scanning Client Control Panel is a read-only tab that displays the plugins that have been automatically downloaded from the Simplify Scanning Server to the Simplify Scanning client for the purpose of upgrading the client and therefore, keeping the versions on the server and the client in sync.



You enable the auto-update function on the General tab of the Simplify Scanning Server Control Panel. See [“The Simplify Scanning Server Control Panel, General Tab” on page 14.](#)

Figure 3-9: Simplify Scanning Client Control Panel, Plugins tab



The Simplify Scanning Client Control Panel, Logging Tab

The Logging tab on the Simplify Scanning Client Control Panel provides options for diagnostic logging from a Simplify Scanning client workstation. This logging information is used for debugging or problem tracking purposes.



Because Tricerat support primarily uses this information, you should not change any of the default values on this tab unless Tricerat Support instructs you to do so.

Figure 3-10: Simplify Scanning Client Control Panel, Logging tab

