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# **VISIONEER NETWORK DRIVER**

User Guide

# USER GUIDE

## VISIONEER NETWORK DRIVER

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This product is covered by one or more of the following patents: 6,064,778, 6,480,304, 7,715,061, 10/838,364, 7,397,587.WO 02/25571, 7,617,985, 11/140,653, 10/787,912

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Please go to [www.visioneer.com](http://www.visioneer.com), select your product, and then click the "Warranty Program" link to view the warranty terms and conditions for your scanner.

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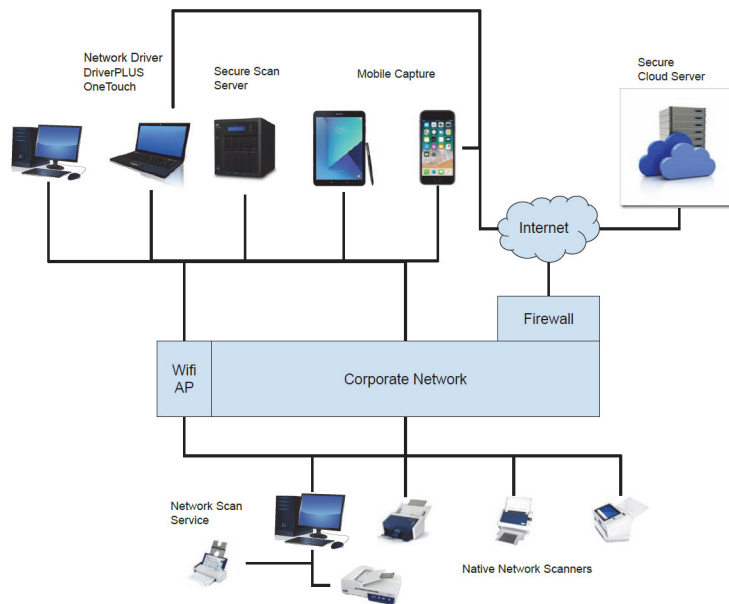
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# WELCOME

Visioneer Network Driver is a Network driver that can be installed with each Visioneer or Xerox® scanner, allowing you to use the scanner from any network-connected PC.



## WHAT TO EXPECT

Visioneer Network Driver can be used by home users, pro-users in the workplace, Knowledge workers, System Integrators, and IT Administrators. The following features can be expected.

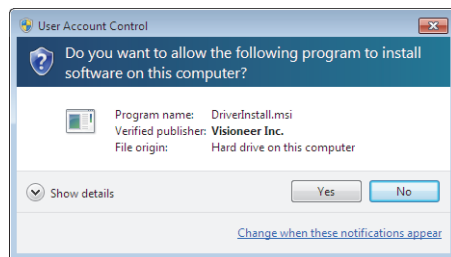
USER	WHAT TO EXPECT
Home User	<ul style="list-style-type: none"> <li>■ Share each USB or Network connected scanner with others in the same home or building.</li> <li>■ Use shared USB connected scanner even when logged out of PC.</li> <li>■ Use shared Network connected scanner at all times.</li> <li>■ Set a friendly name to help identify scanner on the network.</li> <li>■ Use scanner from other computers on the network.</li> </ul>

USER	WHAT TO EXPECT
Pro-User in the Workplace	<ul style="list-style-type: none"> <li>■ Everything the home user expects.</li> <li>■ Have as many scanners shared on the network as wanted.</li> <li>■ Set up digital signatures to validate scanned document authenticity.</li> <li>■ Set up encryption to ensure privacy.</li> <li>■ Connect the scanner securely to a cloud service.</li> </ul>
Knowledge Worker	<ul style="list-style-type: none"> <li>■ Scanner to be a productive tool for doing job.</li> <li>■ Efficient scanner work flow.</li> <li>■ Accomplish the same task the same way every time.</li> <li>■ Get same results for the same task every time.</li> </ul>
System Integrator	<ul style="list-style-type: none"> <li>■ Have extensive control over the scanning workflow.</li> <li>■ Know how to achieve rated speeds and achieve them.</li> <li>■ Support for meta data.</li> <li>■ Easily prove user proximity to the scanner.</li> </ul>
IT Administrator	<ul style="list-style-type: none"> <li>■ Have a robust framework for managing secure connections to scanners on the network.</li> <li>■ Remotely configure and manage scanners on the network.</li> <li>■ Control what users have access to scanners on the network.</li> <li>■ Conform to IT policies and governance.</li> </ul>

# INSTALLATION

## Please make sure of the following before you begin installation:

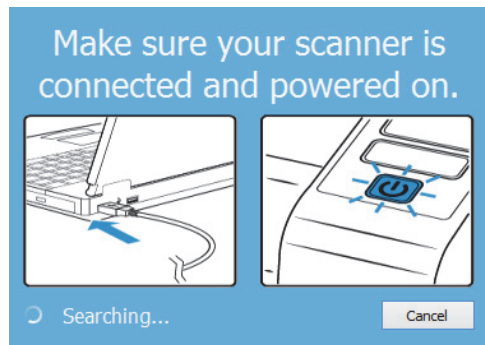
- If you are prompted to reboot during installation, please select No. Finish installing the rest of the software, then close all open windows and reboot your computer.
- The information in this guide may cover software not provided with the scanner you purchased. Please disregard any information about the software not applicable to your scanner.
- If your computer has antivirus or antispyware software running, you may encounter alerts or messages during installation asking you to allow the installation to proceed. Although the messages will differ based on the software your computer is running, in each case you should allow the installation to proceed if that option is available. Alternatively, you can turn off the antivirus or antispyware software before installing your scanner, but if you do, make sure to turn it back on again when installation is finished.
- If your computer is running Windows 7 or later, you may see the Windows User Account Control screen asking you to confirm system changes. Click the Yes. button to allow the installation to proceed.



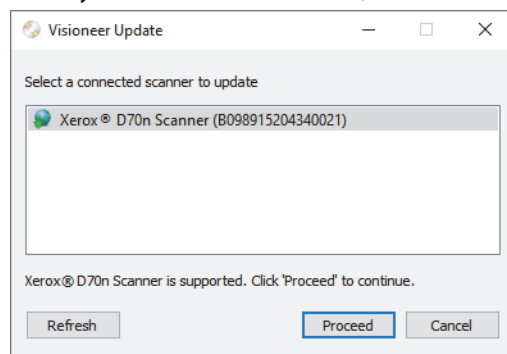
## INSTALL THE SOFTWARE AND CONNECT THE SCANNER

1. Start Microsoft Windows and make sure that no other applications are running.
2. Go to [www.visioneer.com/install](http://www.visioneer.com/install).
3. Launch the installer, once the download is complete.

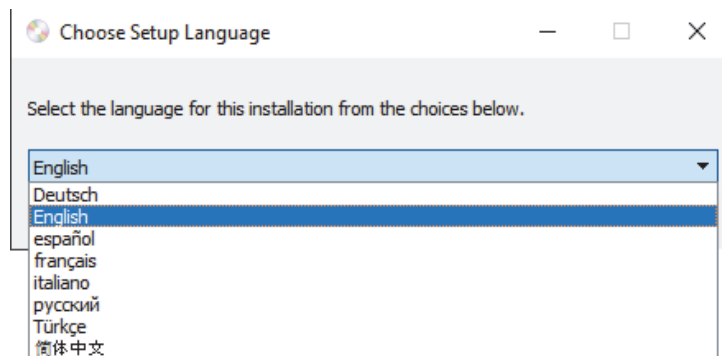
4. Connect scanner to the same network as the PC.



5. Click **OK**.
6. Select your scanner from the list,

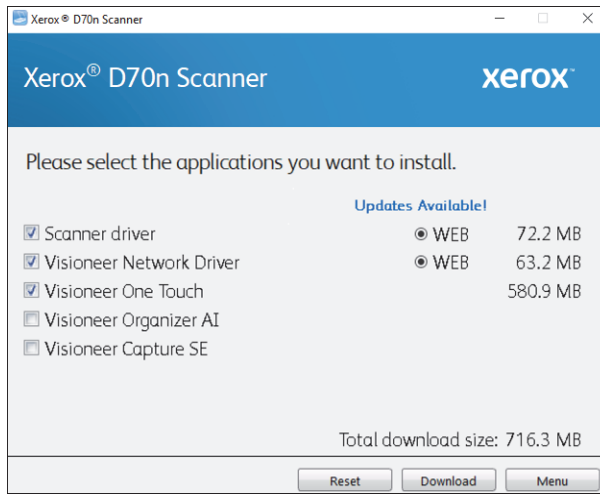


7. Click **Proceed**.
8. The Select Language window opens. Click the drop-down menu arrow and select the language to use. Click **OK**.





9. Make sure the boxes for **Scanner Driver** and **Visioneer Network Driver** are selected, as well as any other applications you want to install. Installing Visioneer OneTouch is optional.



**Note:** The software provided with your scanner may differ slightly from the list shown in the window.

10. If a version of the software is already installed on the system, the option will be greyed out. However, if there is a newer version available, it will be possible to download and install
11. The software will have to first be downloaded by clicking **Download**. The total size of the download is shown at the bottom.
12. After the download has begun, it can be paused. If changes to the selections are required, it is necessary to click **Reset** while the download is paused. This will allow the settings to be changed.

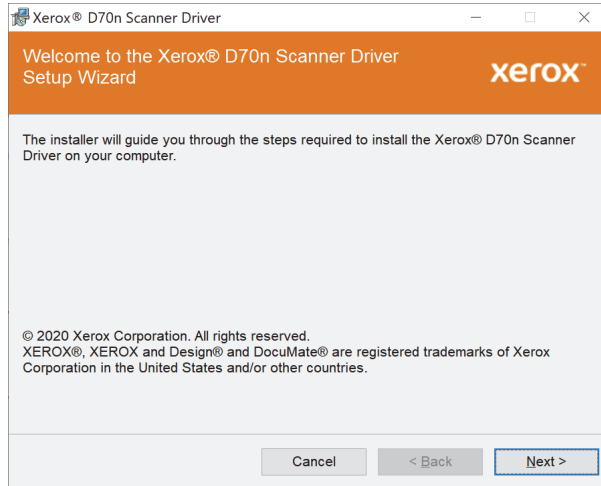
**Note:** Clicking the Reset button in either the Main menu or the Install menu will cause both partially completed and previously downloaded files to be deleted. In order to be installed they will have to be downloaded again.

13. Once all software has been downloaded, click **Install**.

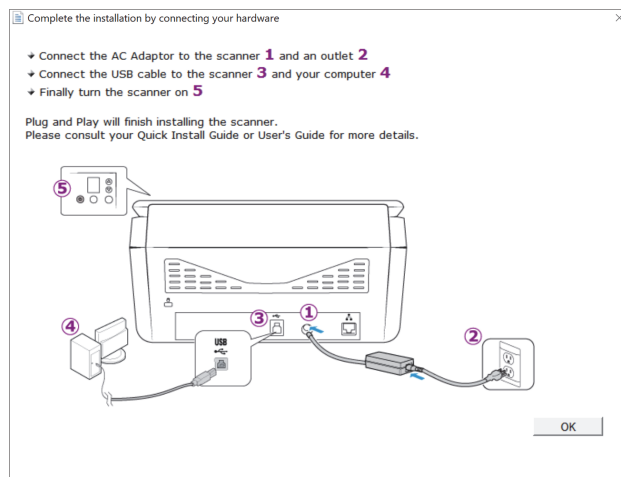
## Installing the Scanner Driver

The scanner driver installation will start first.

1. The Welcome screen for the scanner driver Setup Wizard opens. Click **Next**.



2. On the Xerox License Agreement window, read the license agreement. If you accept the terms, select **I Agree** then click **Next**.  
If you choose not to accept the license agreement, click **Cancel**. Click **Close** on the Installation Interrupted window.
3. The software will now be installed.
4. Stop when you see the “Complete the installation by connecting your hardware” window. Do not click **OK** yet. Leave the window open and proceed to the next section.

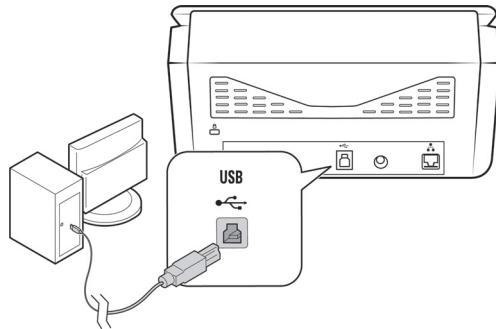


**Note:** If you do not see this on-screen diagram for connecting the scanner, stop and follow the instructions below.

## Connect the USB Cable and Turn on the Power

If you did not connect the scanner earlier, proceed with the instructions below. It is recommended that the cable provided with the scanner is the one used.

1. Remove any tape from the USB cable.
2. Plug the USB cable into the USB port on the scanner then into a USB port on the computer. Check your computer's manual for USB port locations. If the plug does not attach easily, make sure that you are plugging it in correctly. Do not force the plug into either connection.

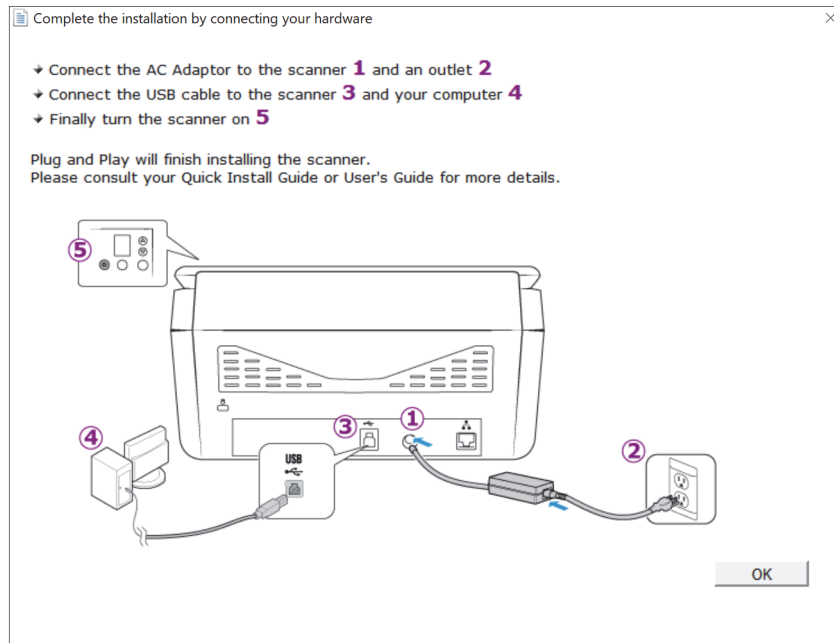


3. Press the power button to turn on the scanner power.

The status light comes on and flashes indicating that the scanner is receiving power.

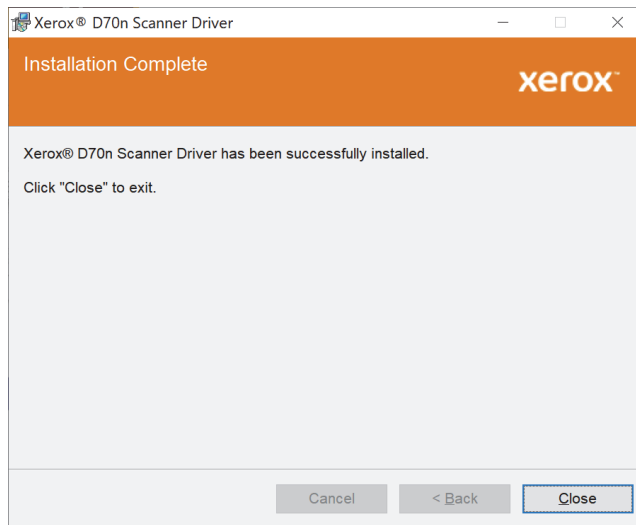
Your computer recognizes that a scanner has been plugged into the USB port and automatically loads the appropriate software to run the scanner.

4. When you're certain that the software has completely loaded, return to the "Complete the installation by connecting your hardware" window.



5. Click **OK** to complete the installation process.

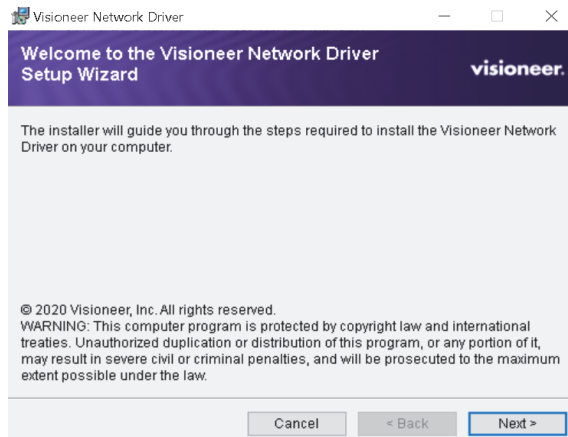
- Click **Close** on the Installation Complete window to close and exit the driver installer.



## Installing Visioneer Network Driver

The Visioneer Network Driver software installation will start automatically after you click **Close** on the driver Installation Complete window.

- The Welcome screen for the Visioneer Network Driver Setup Wizard opens. Click **Next**.



- On the Visioneer License Agreement window, read the license agreement. If you accept the terms, select **I Agree** then click **Next**.

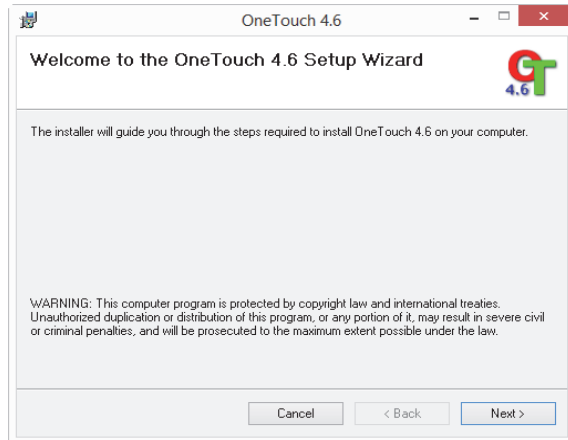
If you choose not to accept the license agreement, click **Cancel**. Click **Close** on the Installation Interrupted window.

- The software will now be installed.
- Click **Close** on the Installation Complete window to close and exit the software installer.

## Installing Visioneer OneTouch (Optional)

The Visioneer OneTouch software installation will start automatically after you click **Close** on the driver Installation Complete window if you selected Visioneer OneTouch as one of the applications to install in [Install the Software and Connect the Scanner](#).

1. Click **Next** on the Welcome to the OneTouch Setup Wizard.



2. On the Visioneer License Agreement window, read the license agreement. If you accept the terms, select **I Agree** then click **Next**.

If you choose not to accept the license agreement, the installation will terminate and OneTouch will not be installed.

3. Click **Close** on the Installation Complete window to close and exit the software installer.
4. After OneTouch installation is complete, the initial screen is displayed, and OneTouch initializes and searches for the installed scanner. Please wait until this screen disappears before trying to use OneTouch.



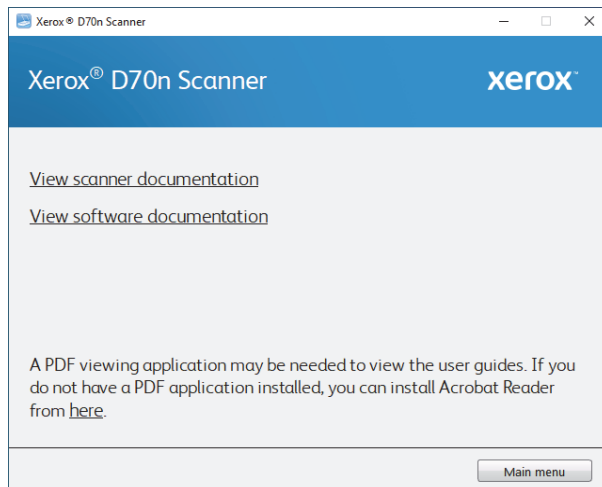
**Note:** If you selected other software to install during the installation, that software will automatically start after you click **Close** on the Installation Complete window. Follow the instructions on-screen to install each application you selected.

## INSTALLING ADDITIONAL APPLICATIONS

1. Return to the Main menu and click Install software.
2. If a version of the software is already installed on the system, the option will be greyed out. However, if there is a newer version available, it will be possible to download and install.
3. The software will have to first be downloaded by clicking Download.
4. Once all software has been downloaded, click Install.
5. Follow the instructions on the screen to install each of the additional applications.

## VIEW THE USER GUIDES

1. Launch Visioneer Update, go to the main menu and click on **View user guides**.

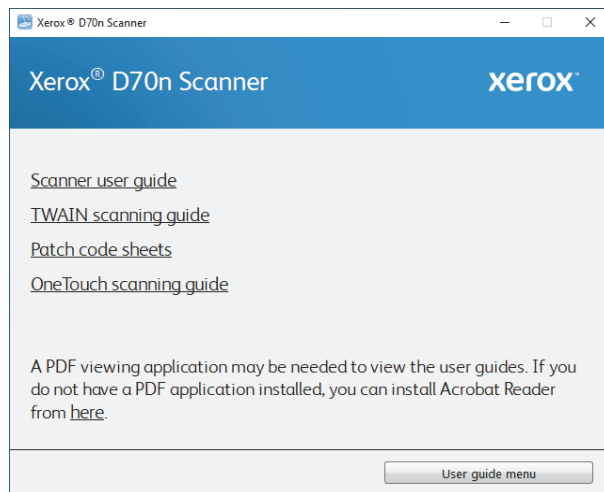


2. Click on **View scanner documentation** to access the scanner user guide and scanning guides for OneTouch and TWAIN.
  - **Scanner user guide**—Instructions for scanner setup, installation, operation, maintenance, safety, and warranty
  - **OneTouch scanning guide**—Instructions for configuring and scanning using OneTouch
  - **TWAIN scanning guide**—Instructions for accessing and scanning using the TWAIN interface

- **Visioneer Network Driver guide**—Instructions for accessing and scanning using the Visioneer Network Driver.

Click on **View software documentation** to access the user guides for the software applications provided with the scanner.

From either of these user guide windows, click on the **User guide menu** button to return to the main user guide window, then select the other documentation section to view the user guides.



Scanner documentation window

3. Click the links of the guides you want to view.
4. When you're finished, click **Main menu** to return to the Main menu window and click **Exit**.

## REGISTER YOUR SCANNER PRODUCT

Registering your scanner is important as it provides you with access to our free telephone support service. Registration also gives you free access to software updates for your scanner.

You will need an active network connection to register your scanner. If you do not have network access you can contact our customer service department to register the scanner. Please refer to the Technical Support Card, that you received with the scanner, for our customer service contact information.

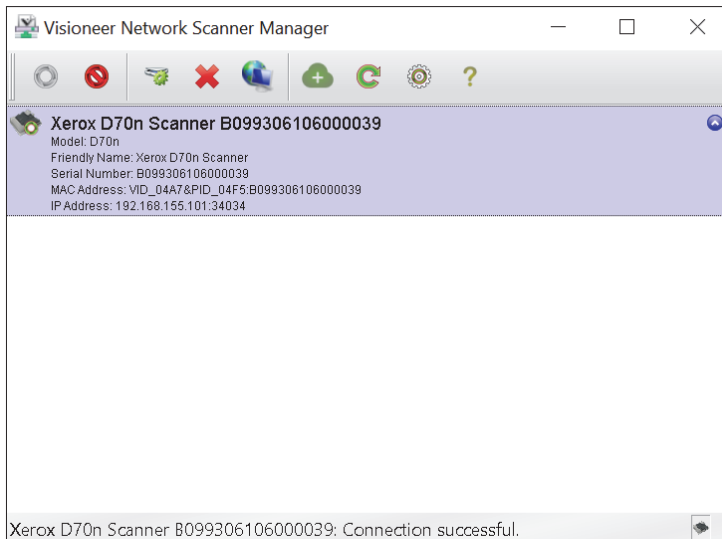
1. Open an Internet Explorer window, or any other Internet browser you have installed on your computer.
2. Go to [www.xeroxscanners.com](http://www.xeroxscanners.com).
3. Click on **Register Your Scanner**.
4. Fill in the registration form, all required fields have an asterisk (\*).  
A valid email address is required for registration.
5. You will be asked to enter the serial number for the scanner, it is located on the back or underside of the scanner.

6. After filling in the form, click on **Register** to complete the registration.













# VISIONEER NETWORK SCANNER MANAGER

Visioneer Network Scanner Manager is the application used with Visioneer Network Driver. The application allows you to connect your scanner, view a list of scanners connected to your Network, modify the selected scanner settings, access WebManager to register your scanner, modify application settings, and more.




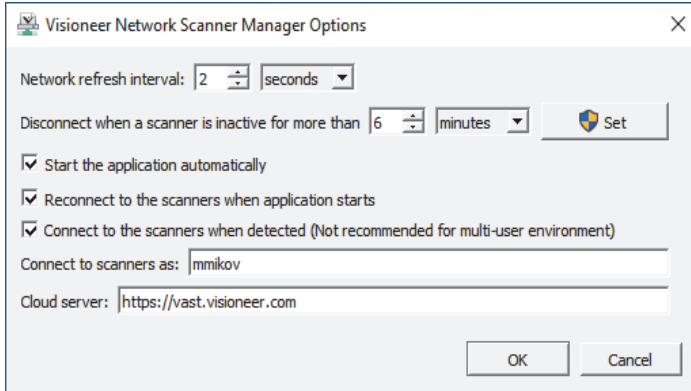
Scanners connected to the same network as your PC will be listed automatically. If you need to connect a scanner that is not on your network, refer to [Registering the Scanner to the Cloud Server](#).

# VISIONEER NETWORK SCANNER MANAGER BUTTON FUNCTIONS

VISIONEER NETWORK SCANNER MANAGER BUTTON	BUTTON FUNCTION
	Connects the selected scanner to the Network.
	Disconnects the selected scanner from the Network.
	Shows the settings of the selected scanner, such as Device Settings, Driver Settings, and HW IP, that can be modified.
	Shows the settings of the selected scanner, such as Device Settings, Driver Settings, and HW IP, that can only be modified by the administrator.
	Uninstalls the selected scanner from your computer.  Use this button if you no longer need to use the scanner again.
	Opens WebManager in your browser so you can easily register your scanner or add a scanner to the cloud. Refer to Scanner user guide for more details about WebManager.
	Adds a registered cloud scanner to the list of scanners that can be used.  This also allows you to view a list of all your registered scanners on the cloud.  Refer to <a href="#">Adding a Registered Scanner</a> to learn how to add a registered scanner to the cloud.
	Refreshes the list of scanners in Visioneer Network Scanner Manager.
	Allows you to modify the network scanner options.  Refer to <a href="#">Visioneer Network Scanner Manager Options</a> below to learn about each of the network scanner options.
	Opens this user guide to help you use Visioneer Network Driver.

# VISIONEER NETWORK SCANNER MANAGER OPTIONS

Clicking on  allows you to modify the following network scanner options.



**Network refresh interval:** Automatically refreshes the network according to the time you set.

**Disconnect when a scanner is inactive for more than:** Automatically disconnects scanner when scanner is inactive for more than the amount of time you set.

**Start application automatically:** When box is checkmarked, automatically starts Visioneer Network Manager application when you log into your computer.

**Reconnect to scanners when applications starts:** When box is checkmarked, automatically reconnects to scanners when Visioneer Network Manager application starts.

**Connect to the scanners when detected (Not recommended for multi-use environment):** If this option is selected, then the scanner will be connected to the computer automatically when scanner is detected on local network. Do not use this option if there are more than five users that will use the scanner at any time.

**Connect to scanners as:** Allows you to modify your user name that shows up in your scanner UI.

**Cloud server:** Allows you to input your own cloud server URI.



# REGISTERING THE SCANNER TO THE CLOUD SERVER

The scanner must be registered to the Cloud server in order to be able to scan documents over the network when the scanner and client PC are on different networks.

**Note:** If you have your scanner and PC on the same network, skip to [Scanning Your Documents](#).

There are three different ways to register the scanner to the Cloud server:

- [Registering Through Scanner and Mobile Device](#),
- [Registering Through Scanner and WebManager](#), or
- [Registering Through Scanner and Web Page](#)

## REGISTERING THROUGH SCANNER AND MOBILE DEVICE

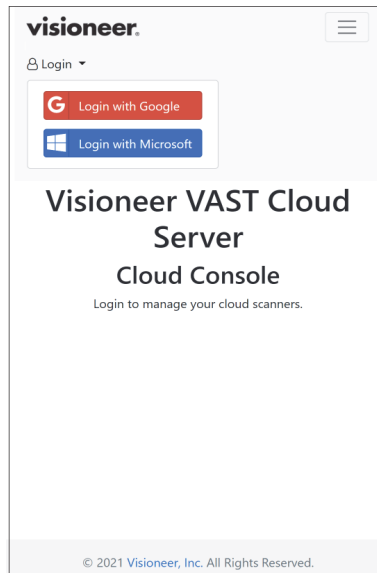
1. Access the settings on your scanner.
2. Select **Register** from the Menu.  
A QR code should pop up on the scanner screen after a few seconds.

Reg. token:  
aa8e1501



3. Scan the QR code using the camera on your mobile device.  
You will be redirected to the Cloud Service sign in.

4. Log in with your email credentials for either a Google account or Microsoft account.



**Note:** When logging in, the connection is encrypted. We do not store your email credentials.

The scanner is now registered.

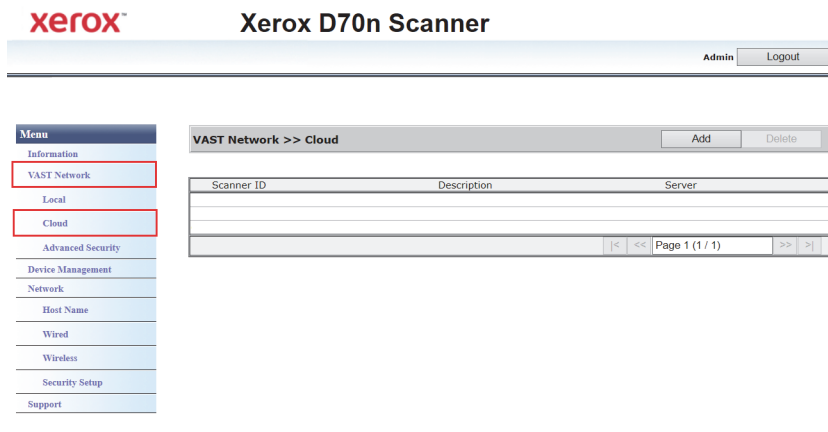
## REGISTERING THROUGH SCANNER AND WEBMANAGER

1. Make sure that the scanner and computer are connected on the same network or PC. Refer to Scanner user guide.
2. Access the settings on your scanner.
3. Select **Information** from the Menu, then select **LAN**. The IP address should appear on the scanner screen.
4. Open a browser on your computer and type the IP address in the search bar. WebManager should appear on your browser.
5. Click the **Login** button at the top right, then log in with the following credentials.

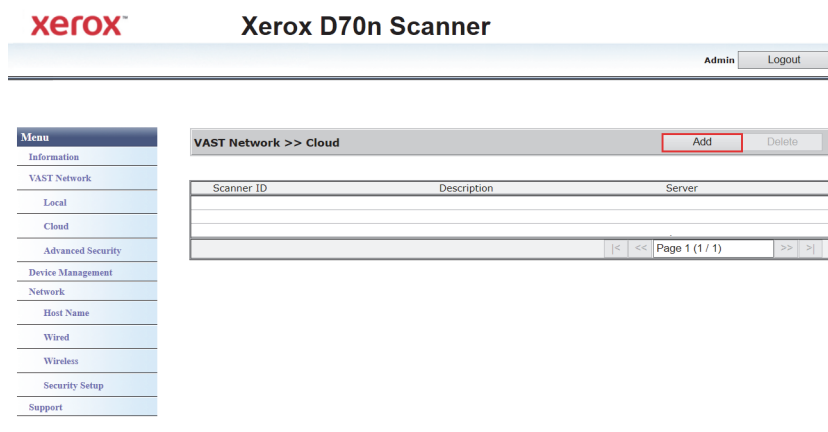
Login Name: admin

Password: admin

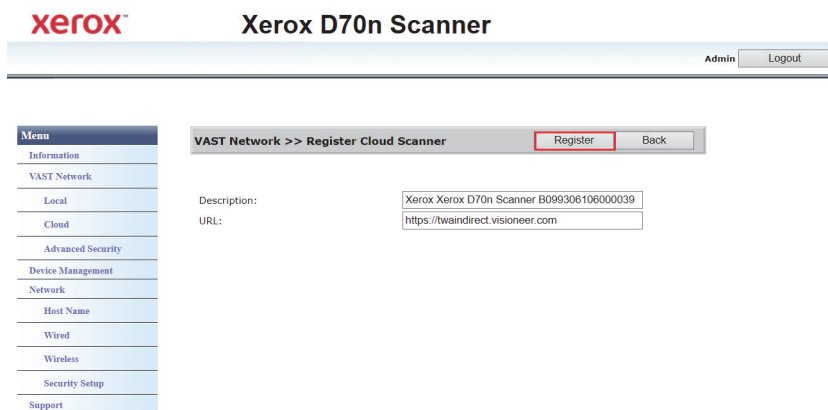
- In the WebManager Menu, select **VAST Network**, then select **Cloud**.



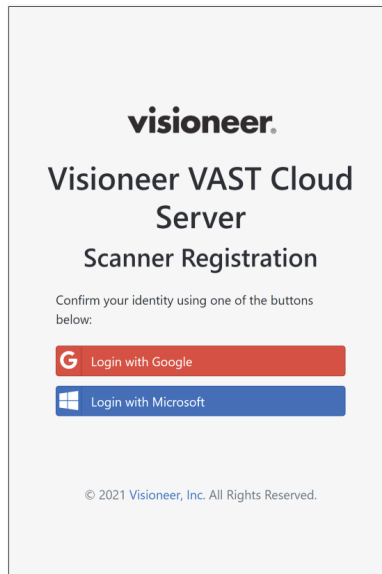
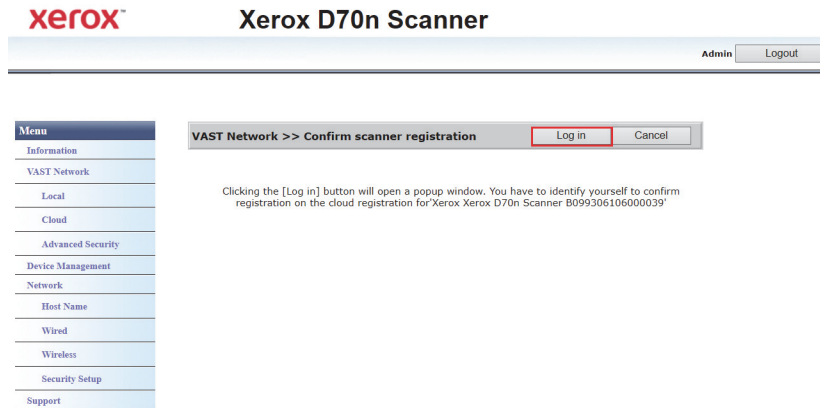
- Click the **Add** button.



- Click the **Register** button.

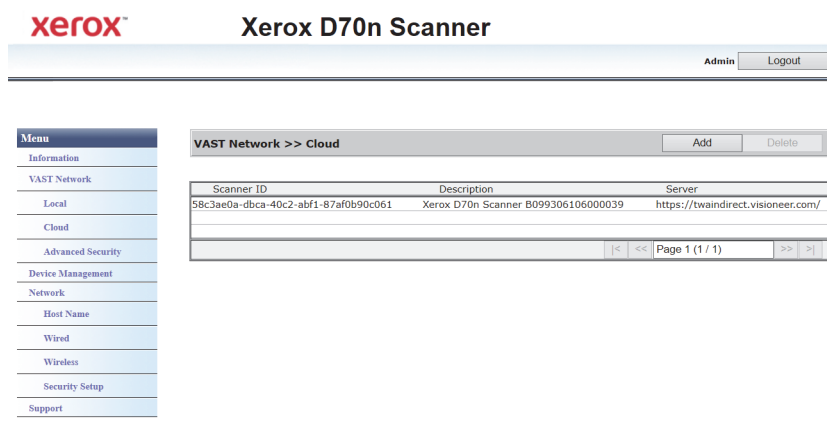


- Click the **Log in** button, then log in with your email credentials for either a Google account or Microsoft account.



**Note:** When logging in, the connection is encrypted. We do not store your email credentials.

The scanner should now appear in the table.





10. Log out of WebManager.

## REGISTERING THROUGH SCANNER AND WEB PAGE

1. Access the settings on your scanner.
2. Select **Register** from the Menu.  
A QR code should pop up on the scanner screen after a few seconds.

Reg. token:  
aa8e1501



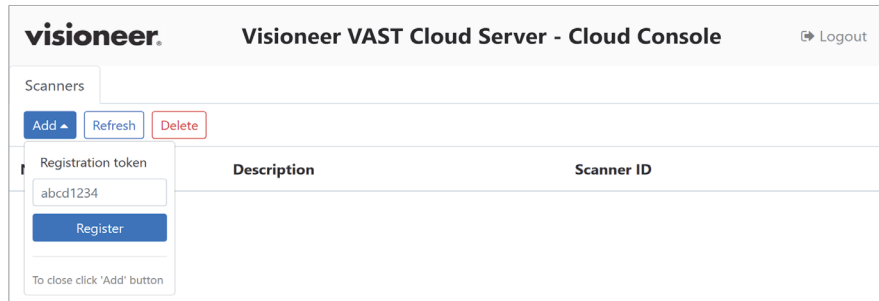
You will need the Registration Token number that is above your QR code for step 5.

3. Copy and paste the following URL into your browser:  
<https://vast.visioneer.com>
4. Log in with either your Google or Microsoft account.



**Note:** When logging in, the connection is encrypted. We do not store your email credentials.

5. Click **Add**, then enter the Registration Token number from your QR code.




The screenshot shows the 'Visioneer VAST Cloud Server - Cloud Console' interface. At the top, there is a 'Logout' link. Below the header, there is a 'Scanners' section with three buttons: 'Add', 'Refresh', and 'Delete'. The 'Add' button is highlighted. Below the buttons, there is a 'Registration token' input field containing the text 'abcd1234' and a 'Register' button. Below the input field, there is a note: 'To close click 'Add' button'. The main table area has two columns: 'Description' and 'Scanner ID'.

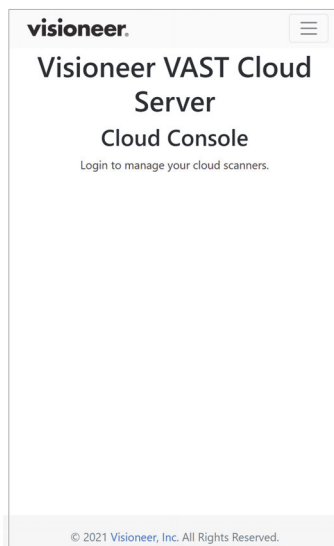
6. After entering the Registration Token number, click the **Register** button.

# ADDING A REGISTERED SCANNER

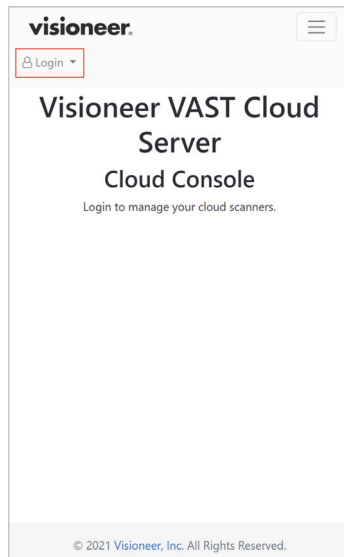
Adding a registered scanner will allow the scanner to appear in the list of scanners on the Cloud and in Visioneer Network Scanner Manager for you to use.

**Note:** If your scanner and PC are on the same network, please skip this chapter.

1. In Visioneer Network Scanner Manager, click  .  
Visioneer VAST Cloud Console page should appear.



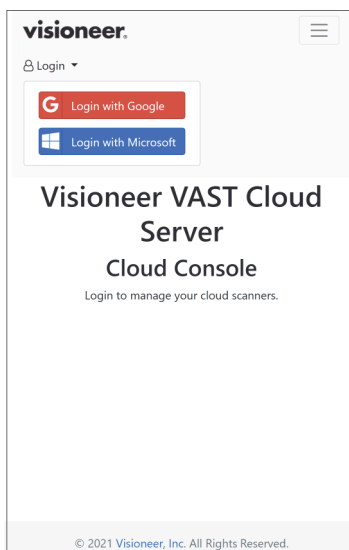
2. Click the three lines in the top right corner of the page, then click **Login**.



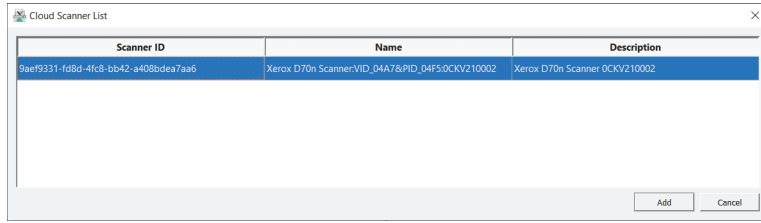
3. Log in with either your Google or Microsoft account credentials.

**Note:** Use the same email that you used to register the scanner.

**Note:** When logging in, the connection is encrypted. We do not store your email credentials.

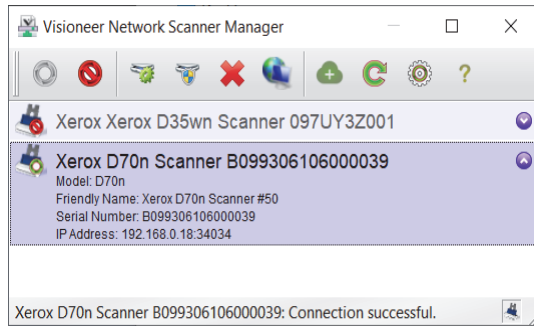


- Once logged in, a list of scanners that you registered on the Cloud should appear.



- Click the **Add** button to add a new scanner to the list of scanners that you can use.

Your scanners will also appear in the list of scanners in Network Driver Scanner Manager.






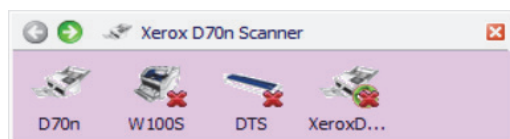
# SCANNING YOUR DOCUMENTS

Your documents can be scanned using OneTouch on your computer, or TWAIN or WIA applications.

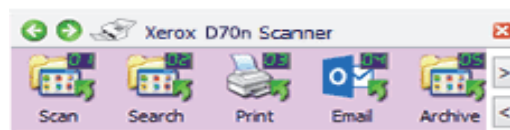
## SCANNING THROUGH ONETOUCH

Use this scan option when you want to scan from the computer screen. Scanning from the on-screen OneTouch Button Panel is the same as selecting a scanning option on the scanner, except you click an icon that represents the function.

1. In Visioneer Network Scanner Manager, make sure the scanner is connected by checking that the  icon appears on your selected scanner's icon in the list of scanners.
2. Click the OneTouch icon in the bottom right of your taskbar.
3. In OneTouch, click on your scanner's icon.




4. Select the scan job that you want the scanner to perform and press it to scan. Use the gray left and right arrow buttons to view all the scan job options.



Please see the OneTouch Scanning Guide for more instructions. You can also click the **Help** button in the OneTouch Properties window to open the instructions in a web browser.

## SCANNING USING SCANNER BUTTONS THROUGH ONE TOUCH


When you press the Simplex or Duplex button on the scanner, the scanner starts scanning using the settings for the current function. The scanned image is then sent to a destination on your computer or network drive.

1. In Visioneer Network Scanner Manager, make sure the scanner is connected by checking that the  icon appears on your selected scanner's icon in the list of scanners.
2. Select your user name.
3. Use the up and down buttons to view scan job options.
4. Once you see or select the scan job that you want to perform, press the simplex or duplex button on your scanner to scan.

## TWAIN AND WIA

This option uses your scanner's TWAIN or WIA interface to scan.

**Note:** Steps may vary for different applications.

1. In Visioneer Network Scanner Manager, make sure the scanner is connected by checking that the  icon appears on your selected scanner's icon in the list of scanners.
2. Open desired TWAIN or WIA application.
3. Select the scanner from the list, then press Scan button.  
TWAIN or WIA UI will appear.
4. Set your settings, then scan the document.

Please see the TWAIN scanning guide for more instructions. You can also click the **Help** button in the TWAIN or WIA interface to open the instructions in a web browser.



# ADVANCED SECURITY

You can choose to encrypt your data by choosing a signature and encryption profile in the scanner properties page.

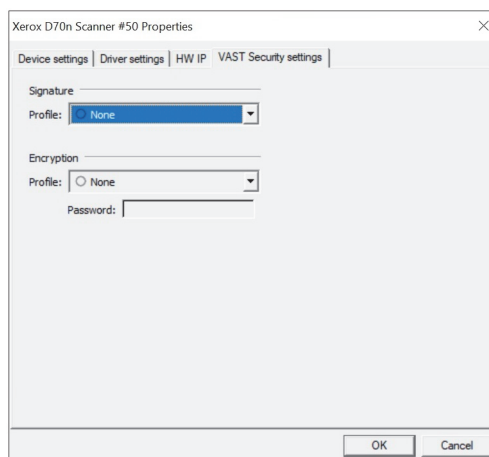
## To open the scanner properties page:

1. **Windows 7** and later—from the Windows Control Panel, open **Hardware and Sound** and then **Devices and Printers**.
2. Right-click on the scanner and then select **Scan properties** from the list.
3. Click **Yes** if you are prompted by the Windows User Account Control to confirm that you want to make changes to the system settings.

## VAST SECURITY SETTINGS

In the VAST Security Settings tab of the scanner properties page, you can choose the signature and encryption profile.

By default, both profiles are set to “None”—this means no signature and no encryption.

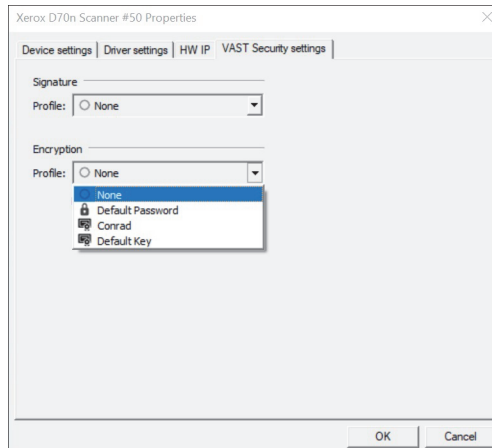
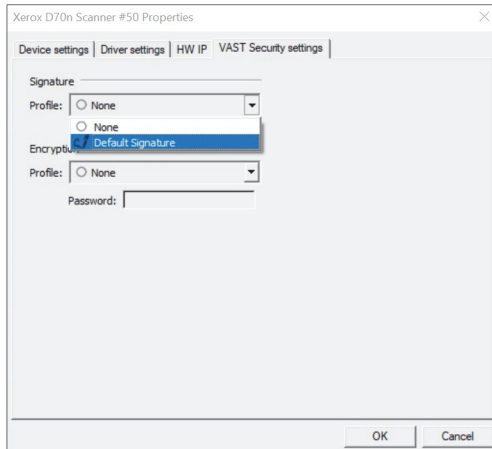


The signature and encryption profiles can be managed through the scanner’s web manager (VAST Network > Advanced Security).

## Default Signature, Default Key, and Default Password

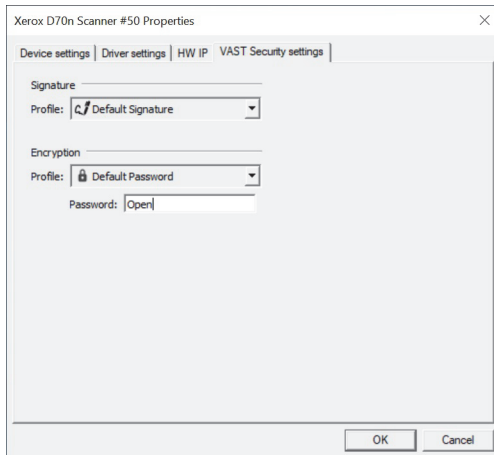
Default Signature, Default Key, and Default Password profiles are provided.

Visioneer Network Driver installer will put two PKCS #12 files in C:\Program Files (x86)\Visioneer\VND for 64bit and C:\Program Files\Visioneer\VND for 32bit OS.



**Default Signature**—to be able to use this profile, install **vast\_signature.p12** in the Local Machine certificate store. Otherwise, Visioneer Network Driver will not be able to verify the signature of the files obtained from the scanner. The driver will show an error and stop the scan.

**Default Key**—to be able to use this profile, install **vast\_pk.p12** in the Local Machine certificate store. Otherwise, Visioneer Network Driver will not be able to decrypt the files obtained from the scanner. The driver will show an error and stop the scan.

**Default Password**—the password is “Open”.

If you want to use a profile other than the default profiles, the corresponding certificates should be installed in the Local Machine store and the password should be provided for the password encryption profiles.



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