Product Computer Software

10.1 Overview

Your computer hardware and ground electronics are provided with all required software installed; however, this chapter provides instructions should you need to install or upgrade the software.

See the following sections for more information:

- "Windows Configuration and Settings" on page 139
- "Changing the System Time" on page 168
- "Setting the Time Zone" on page 168
- "Daylight Saving Time" on page 170
- "Burn a CD" on page 170
- "Enable NTP Server" on page 181
- "Installing Third-Party Software" on page 196
- "Installing or Updating the Product System Software" on page 211
- "Opening the System Console" on page 222
- "Troubleshooting a Linux/Windows or Windows Installation" on page 225
- "Mapping the B Drive" on page 238
- "Verify a Drive Mapping" on page 240
- "12. TeamViewer" on page 247
- •"14. DHCP Server Configuration" on page 269

10.2 Windows Configuration and Settings

This section describes the following Windows settings:

- "Windows Automatic Updates" on page 139
- Windows Password Lock on Idle" on page 142
- "Windows Power Settings" on page 146
- "Anti-Virus Protection Software" on page 153
- "Windows Firewall" on page 158
- "Check for Windows Updates" on page 165

/ NOTE

Windows 7 and Windows 10 are the supported operating systems.

10.2.1 Windows Automatic Updates

Windows Automatic Updates must be disabled to ensure the system functions properly without interruption.

See the following sections for instructions:

"Windows 7" on page 140

• "Windows 10" on page 140

10.2.1.1 Windows 7

This section describes how to disable Windows 7 automatic updates.

To disable automatic updates:

\rightarrow Windows 7 computer \rightarrow Desktop

- **1** Check prerequisites:
 - None
- 2 Click Start \rightarrow All Programs \rightarrow Windows Update.
- 3 In the left pane, click **Change settings**.

| ſ | Important updates | |
|---|---|----|
| | Check for updates but let me choose whether to download and install them | T |
| | Install updates automatically (recommended) Download undates but let me choose whether to install them | 43 |
| | Check for updates but let me choose whether to download and install them | |
| | Recontr Never check for updates (not recommended) | |

Figure 10–1 Windows Automatic Updates

- **4** Click one of the following options:
 - Check for updates but let me choose whether to download and install them
 - Never check for updates
- 5 Click OK.

10.2.1.2 Windows 10

This section describes how to disable Windows 10 automatic updates.

To disable automatic updates:

 \rightarrow Windows 10 computer \rightarrow Desktop

- **1** Check prerequisites:
 - ✓ None

| Best match Services Desktop app Web Services.msc - Search the web | = | ▣ ▷ ⊕ | More \lor |
|--|-------|-------------------------|-------------|
| Certain Services Desktop app web > | | Best match | |
| Web > | 0 | Services Desktop app | |
| | @ | Web | > |
| | | services.msc | |

2 In the **Windows** search box, type services.msc.

Figure 10-2 Windows 10, services.msc

- 3 Click Services. Click Yes at the security prompt.
- 4 The Services window opens.

| Windows Presentation Fou | Optimiz | AU 7 1 | Presentati | | Ivianual | Local Service |
|-----------------------------|---|----------------------------------|---------------|---------|---------------------------|---------------|
| 🍓 Windows Push Notification | This ser | All lasks > | ists the noti | Running | Automatic | Local Syste |
| 🍓 Windows Push Notification | This ser | Refresh | tion platfor | | Manual | Local Syste |
| 🌼 Windows Remote Manage | Windov | | nRM) servi | | Manual | Network S |
| Windows Search | Provide | Properties | caching, a | Running | Automatic (Delayed Start) | Local Syste |
| 🍓 Windows Time | Maintai | Help | ation on all | Running | Manual (Trigger Start) | Local Service |
| 🍓 Windows Update | Enables me o | bles the detection, download, an | | | Disabled | Local Syste |
| 🤹 WinHTTP Web Proxy Auto | WinHTTP implements the client HTTP stack an Ru The Wired AutoConfig (DOTSSVC) service is res | | | Running | Manual | Local Service |
| 🖏 Wired AutoConfig | | | | | Manual | Local Svete |
| | | | | | | |

Figure 10–3 Windows 10, Services Windows Update

5 Scroll down and then right-click **Windows Update**.

| ieneral Log On | Recovery Dependencies | | | | | |
|---|---|--|--|--|--|--|
| Service name: | wuauserv | | | | | |
| Display name: | Windows Update | | | | | |
| Description: | Enables the detection, downloa updates for Windows and other | ad, and installation of r programs. If this | | | | |
| Path to executable: C:\WINDOWS\system32\svchost.exe -k netsvcs | | | | | | |
| Startup type: | Disabled Automatic (Delayed Start) Automatic Manual | ~ | | | | |
| Service status: | Disabled Stopped | | | | | |
| | Stop Pause | Resume | | | | |
| Start | You can specify the start parameters that apply when you start the service from here. | | | | | |
| Start You can specify from here. | the start parameters that apply wh | en you start the service | | | | |

6 Click Properties. The Windows Update Properties window opens.

- 7 Select the Startup Type of Disabled.
- 8 Click Apply.
- 9 Click OK.
- 10 Close the Services window.



If you need to install Windows Updates, you must change this setting to Manual. For instructions, see "Enable Windows Automatic Updates" on page 166.

10.2.2 Windows Password Lock on Idle

Requiring a password to recover from an idle condition (sleep or screen saver) must be disabled to ensure the system functions properly without interruption.

See the following sections for instructions:

- "Windows 7" on page 142
- "Windows 10" on page 143

10.2.2.1 Windows 7

This section describes how to disable the Windows 7 password lock.

To disable password lock:

\rightarrow Windows 7 computer \rightarrow Desktop

1 Check prerequisites:

Figure 10-4 Windows 10, Windows Update Properties





Figure 10–5 Windows Change Screen Saver

4 Click Change screen saver.



Figure 10–6 Windows Screen Saver Login Check Box

- 5 Clear the **On resume, display logon screen** check box.
- 6 Click OK.

10.2.2.2 Windows 10

This section describes how to disable the Windows 10password lock.

To disable password lock:

- \rightarrow Windows 10 computer \rightarrow Desktop
- 1 Check prerequisites: ✓ None
- 2 In the **Windows** search box, type screen.

| Screen Saver | | | | | | | |
|--|--|--|--|--|--|--|--|
| Screen saver | | | | | | | |
| (None) V Settings Preview | | | | | | | |
| Wait: 10 🔹 minutes 🗋 On resume, display logon screen | | | | | | | |
| Power management Conserve energy or maximize performance by adjusting display brightness and other power settings. <u>Change power settings</u> | | | | | | | |

3 Click Turn screen saver on or off. The Screen Saver Settings window opens.

Figure 10–7 Windows 10, Screen Saver Settings

- **4** Make the following selections:
 - Screen saver None
 - On resume, display login screen check box Cleared
- 5 Click OK.
- 6 In the Windows search box, type settings.

- Windows Settings Find a setting -Devices Phone Network & Internet System otific th, printers, Link your Android, iPh Wi-Fi, airplane mode, VPN Blu Q = **A字** Apps stall, defaults, opti features Gaming Game bar, DVR, broadcasting, Game Mode Accounts Time & Language Your accounts, email, sync, work, other people Speech, region, date \cap Update & Security Cortana Privacy Cortana language, rmissions, notifications Location. ca Win ws Update, reco backup ora
- 7 Click Settings. The Settings window opens.

Figure 10-8 Windows 10, Settings



Figure 10–9 Windows 10, Settings, Accounts

8 Click Accounts. The Settings window opens.

| ÷ | Settings |
|------|----------------------|
| ŝ | Home |
| Fir | nd a setting $ ho $ |
| Acco | punts |
| RE | Your info |
| | Email & app accounts |
| Q, | Sign-in options |

Figure 10–10 Windows 10, Settings, Sign-in Options

9 Click Sign-in options.

| ÷ | Settings | | × |
|------|-------------------|--|----|
| ۵ | Home | Some settings are managed by your organization. | ^ |
| Fin | d a setting $ ho$ | Require sign-in | |
| Acco | unts | | |
| , | | If you've been away, when should Windows require you to sign in again? | J. |
| RE | Your info | Never 🗸 | |

Figure 10–11 Windows 10, Settings, Require Sign-in

- 10 In the Require sign-in area, select Never.
- **11** Close the **Settings** window.

10.2.3 Windows Power Settings

If the Windows server computer goes into an idle state, the drives used in the **File System Manager** could become unavailable. If this happens, there could be errors when attempting to write date to the drive, or open a file from the drive. To prevent this situation, change the **Windows Power Options** settings so that the hard drive does not sleep.

See the following sections for instructions:

- "Windows 7" on page 146
- "Windows 10" on page 148

10.2.3.1 Windows 7

This section describes how to change the Windows 7 power options.

To change the Windows Power Options:

 \rightarrow Windows 7 computer \rightarrow Desktop

1 Check prerequisites: