

# **Configuring 64-Bit Hardware Services**

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### **About Hardware Services**

Hardware services enable you to manage and use components such as cameras, scanners, and signature capture devices more effectively and efficiently. For example, with hardware services you can allow background checks ins. This means that as long as the computer is on and it is connected to the Internet members can check in whether or not DataTrak is open, if DataTrak is running in the background, or while you are browsing another page in DataTrak. This feature applies to attended or unattended regular and remote check ins.

Note: Background Check In requires a serial scanner.

Another benefit of hardware services is that DataTrak can support multiple camera types and document scanners. You can provide information about the camera and scanner when <u>setting up hardware services in DataTrak</u>.

**Note:** The Picture Save Path and the Scanner Save Path must be static; the folder name cannot change from day to day. Therefore, a camera that creates a new image folder every day, such as Creative Camera, cannot be used.

Signature capture devices can also be managed by hardware services, thus providing greater stability when capturing signatures in electronic entry or recurring services.

To take advantage of these features and benefits you must perform the following steps:

- 1. Install hardware services on your computer.
- 2. Set up hardware services in DataTrak.



- 3. Manage log files to save space on your computer.
- **Important!** Two software versions (32-bit and 64-bit) are available for download, so please be sure to select and install the correct version for your computer.

This document provides step-by-step instructions for installing the 64-Bit Hardware Services. (For information about installing hardware services for 32-bit software, see <u>Configuring 32-Bit Hardware Services</u>.)

### Installing 64-Bit Hardware Services on Your Computer

Before setting up hardware services in DataTrak, you must install the hardware services software on the club's computer.

**Important!** You must have the .net Framework version 4 or later to run the 64-bit hardware service.

The following are links to downloads for the .net Framework 4, signature service driver, 32-bit socket service library, and 32-bit hardware service:

• .net Framework 4

Note: This document does not provide instructions for installing the .net Framework.

- SigPlusNet Driver
- <u>64-bit Socket Service Library</u>
- 64-bit Hardware Service

Hardware service installation is a multi-step process that involves the following:

- 1. Installing the 64-bit signature service driver
- 2. Installing the 64-bit socket service
  - o Installing the 64-bit socket service library
  - o Running the 64-bit socket service library batch process
- 3. Installing the 64-bit hardware service
  - o <u>Uninstalling an earlier version</u> (if applicable)
  - o Installing the 64-bit hardware service
  - o Running the 64-bit hardware service batch process
  - o Updating the 64-bit HardwareReader.ini file



### Installing the 64-Bit Signature Service Driver

You must install the SigPlus 2010 64-bit driver first before installing the 64-bit socket service library or hardware service.

**Note:** Log information for signature captures is stored in the **reader** log. (For more information about logs, see <u>Managing Logs</u>.)

Important! Exit all Windows programs before installing the .net driver.

To install the SigPlusNET 2010 64-bit driver

- 1. Download the SigPlusNet 2010 64-bit driver file.
- 2. Expand the sigplusnet2010\_64.zip file.
- 3. Double-click sigplusnet2010\_64.exe.

You should see the following message, after which the Welcome dialog box appears.



4. In the Welcome dialog box, click Next.





5. In the Choose Destination Location dialog box, leave the destination folder as is and then click **Next**.

🔏 Choose Destination I	Location
	Setup will install Topaz SigPlusNET x64 2010 4.0 in the following folder. To install into a different folder, click Browse, and select another folder. You can choose not to install Topaz SigPlusNET x64 2010 4.0 by clicking Cancel to exit Setup.
	Destination Folder C:\WINDOWS\SigPlus\NET <u>Br</u> owse
	< <u>B</u> ack <u>Next</u> Cancel

6. Read the information in the NOTE dialog box and then click **OK**.





7. In the Choose the Tablet dialog box, click the radio button for the SignatureGem LCD 4X3 (T-L755) signature capture device and then click **OK**.

Choose the Tablet		
Please choose your tablet.		
If you are not sure, match the model number on the back of your tablet with a model number below.		
SignatureGem 1×5 (T-S261)		
SignatureGem 4×5 (T-S751)		
SignatureGem LCD 1×5 (T-L462)		
<ul> <li>SignatureGem LCD 4X3 (T-L755)</li> </ul>		
C ClipGem (T-C912 or T-C912-19200)		
C ClipGem LGL (T-C916)		
SigLite LCD 4X3 (T-L750)		
C LCD4×5 (T-L760 or T-L766)		
SigLite 1×5 (T-S460 or T-S461)		
C SigLite LCD 1X5 (T-L460)		
OK Cancel		

8. In the Select the Connection Type dialog box, click the radio button for the HSB port setting and then click **OK**.

Select the Connection Type		
Please choose your tablet's connection	n type.	
If serial, choose the Com port. A serial tablet's model number (found on the back of the tablet) ends with -B.		
If USB, be sure to choose the "HSB" option.		
<u> </u>		
C Com 1		
C Com 2		
C Com 3		
C Com 4		
HSB (USB type, TabletModel ends)	in -HSB)	
ОК	Cancel	



9. In the License Agreement dialog box, carefully read the information and then click **Agree** if you accept the terms.

License Agreement	
License Agreement and Limited Warranty IMPORTANT: Please read this document before continuing the software load procedure. By loading the software enclosed with this agreement, you are indicating acceptance of the terms of this legal agreement between you (herein called Licensee) and Topaz Systems, Inc. (herein called Topaz). If you do not agree to the termsof this agreement, do not load the enclosed software and promptly return the product. 1. Limited use License: Topaz and it's suppliers (if any) grant you the right to use the software for use with Topaz Gem-Series tablets only. The software is owned for distribution exclusively by Topaz and is	
Agree Cancel	

The installation process should take only a few seconds to complete.

Installing	8	×
	Current File Copying file: C:\\system32\drivers\HIDUSB.SYS All Files Time Remaining 0 minutes 0 seconds	
	< Back Next > Cancel	



10. In the SigPlusNET Documentation Directory dialog box, make note of the documentation's location and then click **OK**.



11. When the Installation Complete dialog box appears, click Finish.

🔏 Installation Complete	•
	Topaz SigPlusNET x64 2010 4.0 has been successfully installed. Press the Finish button to exit this installation.
	< <u>B</u> ack <b>Einish</b> Cancel

The SigPlusNET driver installation process is complete.

Next, install the 64-bit socket service.



### Installing the 64-Bit Socket Service

The socket service installation process involves the following steps:

- 1. Installing the 64-bit socket service library
- 2. Running the 64-bit socket service library batch process

#### Installing the 64-Bit Socket Service Library

The first step in the socket service installation process is to install the socket service library.

Important! Please exit Internet Explorer before installing the socket service library.

To install the socket service library

- 1. Download the 64-bit Socket Service Library zip file.
- 2. Expand the Socket Service zip file.
- 3. Double-click **setup.exe**.
- 4. In the HardwareSocketRelease Setup Wizard, click Next.

📸 HardwareSocketRelease	
Welcome to the HardwareSocketRelease Setup Wizard	
The installer will guide you through the steps required to install HardwareSocketRele computer.	ase on your
WARNING: This computer program is protected by copyright law and international tr Unauthorized duplication or distribution of this program, or any portion of it, may resul or criminal penalties, and will be prosecuted to the maximum extent possible under th	eaties. It in severe civil 1e law.
Cancel < Back	Next >



- 5. In the Select Installation Folder dialog box:
  - o Leave the Folder path as is.
  - o Click the radio button for **Everyone**.
  - o Click Next.

🙀 HardwareSocketRelease	
Select Installation Folder	
The installer will install HardwareSocketRelease to the following folder.	
To install in this folder, click "Next". To install to a different folder, enter it be	low or click "Browse".
<u>Folder:</u> C:\Program Files\DataTrak .NET Devices\	Browse Disk Cost
Install HardwareSocketRelease for yourself, or for anyone who uses this o	computer:
<ul> <li>Everyone</li> </ul>	
◯ Just me	
Cancel < Back	Next >



6. In the Confirm Installation dialog box, click Next.

😸 HardwareSocketRelease		
Confirm Installation		
The installer is ready to install Hardw	areSocketRelease on your computer.	
Click "Next" to start the installation.		
	Cancel < Back	< Next>

The installation process should take only a few seconds to complete.



7. When the Installation Complete dialog box appears, click **Close**.



The socket service library installation is complete and the following folder is created on your computer: C:\Program Files\DataTrak .NET Devices.

Next you will need to run the 64-bit socket service library batch process.



#### **Running the 64-Bit Socket Service Library Batch Process**

The next step in the hardware installation process is to run the socket service library batch process.

To run the socket service library batch process

- 1. Open the folder C:\Program Files\DataTrak .Net Devices.
- 2. Double-click the file Install HardwareService Class Library.bat.

😂 DataTrak .NET Devices	<u> </u>
File Edit View Favorites Tools Help	é
🚱 Back 🝷 🕥 🝷 🏂 🔎 Search 📂 Folders	) 💷 🖻 🖌 🍋 🖀 🔪
Address 🛅 C:\Program Files\DataTrak .NET Devices	
Folders ×	Name 🔺
<ul> <li>Program Files</li> <li>ABC Financial</li> <li>Adobe</li> <li>Adobe Media Player</li> <li>Adobe Media Player</li> <li>Broadcom Corporation</li> <li>Cisco Systems</li> <li>Cisco Systems</li> <li>ComPlus Applications</li> <li>DataTrak .NET Devices</li> <li>DataTrak .NET Receipt Printer</li> </ul>	HardwareSocketActiveX.dll  Tinstall HardwareService Class Library.bat



The Windows session will open and the batch process will run.



3. When prompted, press any key to continue.

The socket service library batch process is complete.

Next you will need to install the 64-bit hardware service.



#### Installing the 64-Bit Hardware Service

The hardware service installation includes the following steps:

- 1. <u>Uninstalling an earlier version</u> (if applicable)
- 2. Installing the 64-bit hardware service
- 3. Running the 64-bit install service batch process
- 4. Updating the 64-bit HardwareReader.ini file

**Important!** Please exit Internet Explorer before installing the hardware service.

#### **Uninstalling an Earlier Version**

If you have received an updated version of the hardware service but an earlier version is already installed, you must uninstall the earlier version before installing the newer version.

**Important!** When uninstalling an earlier version of the hardware service, be careful that you **do not** remove the Hardware **Socket** Release.

To uninstall the hardware service

- 1. Open your computer's Control Panel.
- 2. Double-click Add or Remove Programs.
- 3. Click HardwareServiceRelease.
- 4. Click Remove.

🐻 Add or Re	move Programs		
5	Currently installed programs: Show upgates	Sort by: Name	\$
Change or Remove Programs	15 HardwareServiceRelease	Size	0.99MB
	Click here for support information.	Used	rarely
Add New	To change this program or remove it from your computer, click Change or Remove.	Change	Remove
Programs	13 Hardware Sockerkelease	5/28	27 MB



#### Installing the 64-Bit Hardware Service

Use the following instructions to install the hardware service.

To install the hardware service

- 1. Download the 64-Bit Hardware Service zip file: 64-bit Hardware Service.
- 2. Expand the Hardware Service zip file.
- 3. Double-click setup.exe.
- 4. In the HardwareService Release Setup Wizard dialog box, click Next.





- 5. In the Select Installation Folder dialog box:
  - o Leave the Folder path as is.
  - o Click the radio button for **Everyone**.
  - o Click Next.

🛃 HardwareServiceRelease
Select Installation Folder
The installer will install HardwareServiceRelease to the following folder.
To install in this folder, click "Next". To install to a different folder, enter it below or click "Browse".
Eolder: C:\Program Files\ABC Financial\HardwareServiceRelease\ Browse Disk Cost
Install HardwareServiceRelease for yourself, or for anyone who uses this computer:
⊙ Everyone
◯ Just me
Cancel < Back Next >



6. In the Confirm Installation dialog box, click Next.

😼 HardwareServiceRelease			
Confirm Installation			
The installer is ready to install Hardware	ServiceRelease on	your computer.	
Click "Next" to start the installation.			
	Cancel	K Back	Next >

The installation process should take only a few seconds to complete.



7. When the Installation Complete dialog box appears, click **Close**.



The hardware service installation is complete and the following folder is created on your computer: C:\Program Files\ABC Financial\HardwareServiceRelease.

Next you will need to run the 64-bit hardware service batch process.



#### **Running the 64-Bit Hardware Service Batch Process**

The next step in the hardware installation process is to run the hardware service batch process.

To run the hardware service batch process

- 1. Open the folder C:\Program Files\ABC Financial\HardwareServiceRelease.
- 2. Double-click the file Install Service.bat.

😂 HardwareServiceRelease	
File Edit View Favorites Tools Help	
🚱 Back 🔹 🛞 🔹 🏂 🔎 Search 🞼 Folders	🔄 💷 🗇 🖌 🔓 🖺 🗙 🌾
Address 🛅 C:\Program Files\ABC Financial\HardwareServiceF	Release
Folders ×	Name 🔺
	<ul> <li>sounds</li> <li>checkIn.log</li> <li>DataTrakHardwareService.exe</li> <li>DataTrakHardwareService.exe.config</li> <li>DataTrakHardwareService.InstallLog</li> <li>DataTrakHardwareService.InstallState</li> <li>HardwarePeader ini</li> <li>Install Service.bat</li> <li>picture.log</li> <li>reader.log</li> <li>scanner.log</li> <li>System.Net.Json.dll</li> </ul>



The Windows session will open and the batch process will run.



- 3. When prompted, press any key to continue.
- 4. To verify that the hardware services are installed:
  - o Click the computer's Start button, and then click Control Panel.
  - o Double-click Administrative Tools.
  - o Double-click Services.

The list should contain an entry for **DataTrakHardwareService** with a status of **Started**.

Services							
File Action View	Help						1
← → 🔟 🖻							*
Services (Local)	Services (Local)						- 4
	Select an item to view its description.	Name /	Description	Status	Startup Type	Log On As	
		Computer Browser	Maintains an updated list of compute	Started	Automatic	Local System	
		Credential Vault Host Cont	Host Control Service for Fingerprint	Started	Automatic	Local System	
		Credential Vault Host Storage	Host Storage Service for Persisting C	Started	Automatic	Local System	
		Cryptographic Services	Provides three management services	Started	Automatic	Local System	- 4
		DA Remote Management M		Started	Automatic	Local System	
		DA Remote Management S		Started	Automatic	Local System	
		BataTrakHardwareService	ABC Financial Hardware Service	Started	Automatic	Local System	1
		DCOM Server Process Lau	Provides launch functionality for DC	Started	Automatic	Local System	1
		DHCP Client	Manages network configuration by r	Started	Automatic	Local System	- 4
- North Street Street	a some and a second	Stributed Link Tincking Cl.	to the total toks between NT files when	Stride.	Automatic	A Local System	2

o Double-click DataTrakHardwareService to open its Properties dialog box.



o On the General tab, if the Service status is not *Started* click **Start** and then click **Apply**.

DataTrakHardwareService Properties (Local Computer)	?	×
General Log On Recovery Dependencies		_
Service name: DataTrakHardwareService		
Display name: DataTrakHardwareService		
Description: ABC Financial Hardware Service	~	
Path to executable: "C:\Program Files\ABC Financial\HardwareServiceBelease\DataTrakh	lard	
Startup type: Automatic	~	
Service status: Stopped		
Start Stop Pause Resume		
You can specify the start parameters that apply when you start the servi from here.	ce	
Start parameters:		
OK Cancel A	oply	



- o Click the **Recovery** tab.
- o Select **Restart the Service** from the First failure, Second failure, and Subsequent failures lists, and then click **OK**.

DataTrakHardwareService	Propertie	s (Local Computer)	<b>?</b> ×		
General Log On Recovery	Dependenc	ies 💋			
Select the computer's respons	e if this servio	ce fails.			
First failure:	First failure: Restart the Service 🗸				
Second failure:	Restart the	Restart the Service			
Subsequent failures:	Restart the Service		~		
Reset fail count after:	0	days	_		
Restart service after:	1	minutes			
- Run program					
Program:		Browse			
Command line parameters:					
Append fail count to end	d of command	l line (/fail=%1%)			
	Re	estart Computer Options			
	OK	Cancel A	Apply		

- 5. Close the Services window.
- 6. Close the Administrative Tools window.

The batch process is complete.

Next you must update the 64-bit HardwareReader.ini file.



#### Updating the 64-Bit HardwareReader.ini File

Before the hardware service installation is complete, you must verify that the club information in the HardwareReader.ini file is correct. If not you must update the .ini file, and then stop and restart the service.

To update the HardwareReader.ini file

- 1. Open the folder C:\Program Files\ABC Financial\HardwareServiceRelease.
- 2. Double-click the file HardwareReader.ini.

😂 HardwareServiceRelease	
File Edit View Favorites Tools Help	
🔇 Back 🝷 🕥 🕤 🏂 🔎 Search 📂 Fold	ders 🔟 • 🏂 🍤 🐰 🗈 <u>ဋ</u> 🗙 🖠
Address 🛅 C:\Program Files\ABC Financial\HardwareServ	riceRelease
Folders	× Name 🔺
<ul> <li>Program Files</li> <li>ABC Financial</li> <li>HardwareServiceRelease</li> <li>sounds</li> <li>Adobe</li> <li>Adobe Media Player</li> <li>Adobe Media Player</li> <li>Cisco Systems</li> <li>Cisco Systems</li> <li>Common Files</li> <li>ComPlus Applications</li> <li>DataTrak .NET Devices</li> <li>DataTrak .NET Receipt Printer</li> <li>Dell</li> <li>DesktopAuthority</li> <li>DIFX</li> </ul>	<ul> <li>sounds</li> <li>checkIn.log</li> <li>DataTrakHardwareService.exe</li> <li>DataTrakHardwareService.exe.config</li> <li>DataTrakHardwareService.InstallLog</li> <li>DataTrakHardwareService.InstallState</li> <li>HardwareReader.ini</li> <li>Install Service.bat</li> <li>picture.log</li> <li>reader.log</li> <li>scanner.log</li> <li>System.Net.Json.dll</li> </ul>



- 3. When the file opens, verify that the information in the ClubInfo section is correct. If changes are needed:
  - o Type the correct ClubNumber.
  - o Type the correct serialport for the serial scanner.



- 4. Click File > Save.
- 5. When finished, stop and restart the service. (For more information, see Step 4 under <u>Running the 64-bit Hardware Service Batch Process</u>.)

When the service has been restarted, the hardware installation process is complete!



### Setting up 64-Bit Hardware Services in DataTrak

Once you have completed the hardware installation process, you can set up hardware services in DataTrak.

To set up hardware services in DataTrak

- 1. Click Setup.
- 2. In the Settings sub-menu, click Workstation.
- 3. On the Basic tab in the General section, select No from the Play Alert Sound list.

**Note:** When using background check in, the hardware service manages the sounds. Therefore, if Play Alert Sound is set to Yes, you will get double sounds. If set to No, you will get a single sound. If you do not want sounds, you must mute the speakers.

4. In the Device Setup section, select the Signature Capture Device.

**Note:** The hardware service does not automatically detect which signature capture device is installed. You must select it from the list.

The following is an example of the Basic tab.

Edit Workstation					
General			Scheduling		
Station Number: 195 Server Name: DT009003 Club Number: 9003 Station Name: FrontDesk Show In List: Yes	~		Default View: Print Receipt (Quick Enroll / Enroll in Class): Enroll in Class - Print Coupons: Default Department (Calendar):	Employee No No Trainers	
Play Alert Sound: No Default Page: Attended Ct POS	eck In 👻		Device Setup Changing card reader type to ActiveX (AX) REQUIRES ( restarting DataTrak. Card Reader:	CLOSING ALL Internet Explorer	browsers and
Cash Drawer: Receipt Printer Attached:	Closed	**	Card Reader COM port number:	1	~
Print Receipt (Quick Cash): Number of Line Feeds:	No 0	¥	Signature Capture Device: FingerPrint Scanner Attached:	None None SignatureGem LCD 4X3 ClipGem Standard	
Station Requires Access Code: Allow Manual Credit Card Entry:	No No	~	Menu Options Main Menu Hide Mathod: Mouse Offi	ClipGem Legal	╼

5. Click the Advanced tab to access the Hardware Service Setup form.



6. In the Windows Service Enabled list, select Yes.

At any time you can click the **Test Hardware Service** link next to this option to verify that the hardware service is installed and connected. A message will appear in the lower left-hand corner of the page to indicate a successful or failed connection.

o If the test was successful, the message will appear as follows:



Verify that the hardware service version is 1.4.0.0.

o If the test was unsuccessful, the message will appear as follows:



Please refer to the section on <u>Installing the 64-Bit Hardware Service</u> earlier in this document and make sure the service is started. If necessary, you may need to uninstall and then reinstall the hardware service.

7. To enable background check In, select **Yes** from the Background Check In Enabled list.

Note: Background Check In requires a serial scanner.

- 8. To enable picture retrieval, select Yes from the Picture Retrieval Enabled list.
- 9. To use the signature service, select Yes from the Signature Service Enabled list.

Note: Make sure to install the 64-bit signature service driver.

- 10. If you selected **Yes** for picture retrieval:
  - o Type the Camera Software Exe Path (the location of the executable file).
  - o Type the Picture Save Path (the folder in which to store the pictures).

**Note:** The Picture Save Path must be static; the folder name cannot change from day to day. Therefore, a camera that creates a new image folder every day, such as Creative Camera, cannot be used.

- 11. To enable scanner retrieval, select Yes from the Scanner Retrieval Enabled list.
- 12. If you selected Yes for scanner retrieval:
  - o Type the Scanner Software Exe Path (the folder that contains the executable file).
  - o Type the Scanner Save Path (the folder in which to store the scanned documents).

**Note:** The Scanner Save Path must be static; the folder name cannot change from day to day.



13. In the Electronic Agreement Contract Preview section, select **Yes** from the Preview Contract as Image list to view the contract as an image.

When set to Yes, the Electronic Agreement Entry or Recurring Services contract will appear as an image rather than appearing as an Adobe PDF within DataTrak.

14. Click Save.

The following is an example of the Hardware Service Setup page. In this example, the message in the lower left-hand corner indicates that a successful connection was made to the hardware service and displays installed version.

lardware Service Setup		
Version: Windows Service Enabled:	1.5.0.0	
Rackaround CheckIn Enabled:	Yes	Test Hardware Service
Dicture Retrieval Enabled	Yes	
Ciccole Retrieval Enabled:	Yes	
Signature Service Enabled:	Yes	
Camera Software Exe Path:	C:\Program Files\Logitech\Logitech WebCam Software\LWS.exe	
Picture Save Path:	C:\Documents and Settings\JSmith\My Documents\My Pictures\Log	1
Scanner Retrieval Enabled:	No	
Scanner Software Exe Path:		]
Scanner Save Path:		1
Preview Contract as Image:	review	
	Tes	
lember Facing Quick Enroll		
Location: None	×	



## **Managing Log Files**

The hardware service creates and maintains the following log files: check in, error, picture, reader, and scanner. These log files store information about your hardware services and provide you with valuable information to troubleshoot issues you may encounter. You can find these log files on your hard drive at:

```
C:\Program Files\ABC Financial\HardwareServiceRelease
```

Over time, these log files will grow and may take up a lot of space on your computer. If you have successfully installed the hardware services and verified that they are working properly, you may disable the log files.

If you find that you need to view log files again you can re-enable logging at that time.

### **Disabling Logging**

Once you confirm that the hardware services are set up correctly and are working properly, you can disable logging.

Note: After you disable logging, you must stop and restart the service.

To disable logging

- 1. Open the folder C:\Program Files\ABC Financial\HardwareServiceRelease.
- 2. Double-click the file HardwareReader.ini.
- 3. In the [LogPath] section of the HardwareReader.ini file, change the verbose setting from True to **False**.

🐻 HardwareReader.ini - Notepad	5
File Edit Format View Help	( I
[Services] BackgroundCheckIn=Enabled PictureRetrieval=Enabled	
[ClubInfo] ClubNumber=9003 SerialPort=COM1	\$
[CommunicationInfo] IP=127.0.0.1 SocketPort=8346	
[LogPath] Verbose=False Harowareservice=C:/Program Files/ABC Financial/HardwareServiceRelease/reader.log CheckInService=C:/Program Files/ABC Financial/HardwareServiceRelease/checkIn.log PictureService=C:/Program Files/ABC Financial/HardwareServiceRelease/picture.log ScannerService=C:/Program Files/ABC Financial/HardwareServiceRelease/scanner.log ErrorService=C:/Program Files/ABC Financial/HardwareServiceRelease/scanner.log	
[sound] CheckInSr centre: /Preasent Files/Ar / in ial/Har areservicePala - /sounds/5+c-598	

4. Click File > Save.



5. When finished, stop and restart the service. (For more information, see Step 4 under <u>Running the 64-Bit Hardware Service Batch Process</u>.)

After logging has been disabled, the system will stop recording log information but the log files that were originally created will remain on your hard drive.

If you decide to re-enable logging, the system will resume recording log information in the appropriate log file.

### **Enabling Logging**

If in the future you need to be able to view log files again, you can re-enable logging. After you re-enable logging you must stop and restart the service.

#### To enable logging

- 1. Open the folder C:\Program Files\ABC Financial\HardwareServiceRelease.
- 2. Double-click the file HardwareReader.ini.
- 3. In the [LogPath] section of the HardwareReader.ini file, change the verbose setting from False to **True**.
- 4. Click File > Save.
- 5. When finished, stop and restart the service. (For more information, see Step 4 under <u>Running the 64-Bit Hardware Service Batch Process</u>.)

Once logging has been re-enabled, the system will resume recording log information in the appropriate log file.