

Luminex[®]

Upgrade Instructions

xPONENT[®] 4.2 for MAGPIX[®]



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xPONENT® 4.2 for MAGPIX® Upgrade Instructions

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Chapter 1: xPONENT® 4.2 Upgrade

Installation Notes for xPONENT® 4.2

The screen resolution, colors, font size, and theme may affect the xPONENT® display. If graphics or text don't display properly, please adjust your display settings to the recommended system requirements. "Recommended Minimum System Requirements" are listed below.

Before starting the installation process, disconnect all external storage devices.

You should always perform a probe height adjustment after installation, on every plate type listed in xPONENT.

Don't skip sections or perform them out of order. The correct workflow order is:

- Uninstalling the Previous Version of MaintPix
- Uninstalling the Previous Version of xPONENT
- Installing xPONENT® 4.2
- Installing MaintPix
- Installing the Firmware Update

WARNING: Don't modify or delete files installed by xPONENT or the computer operating system; this could cause corruption or failure of the xPONENT software. If you do experience corruption or failure, uninstall and reinstall the xPONENT software to recover the system files.

WARNING: Don't use unauthorized third party software with xPONENT software; this could result in corruption or failure of the xPONENT software. If you choose to use an unauthorized software, understand that Luminex cannot provide support for any resulting consequences.

WARNING: You must be signed in as an administrator to perform these upgrades. If you're using a Luminex-provided PC, log in first as an administrator.

WARNING: Close all applications before starting the uninstall procedure.

Recommended Minimum System Requirements

- Windows® 7 Professional SP1: 64-bit, US English (IVD); minimum 32-bit, US English (RUO)
- 2.8 GHz Intel® Core 2 (or higher)
- 4 GB RAM minimum
- 160 GB hard drive space (or higher)

Display Settings

- SXGA 1280x1024 with 32-bit color
- 96 DPI Font
- Default Windows® 7 Theme

SQL Server Express

- This setup installs SQL Server® Express 2008 R2. Any previous version of SQL Server can't be upgraded to this release. If you currently have installed services that utilize SQL Server, they may become inoperable.

Downloading the Upgrade Installation Files

Before starting the installation process, download all software upgrade files onto your C: drive.

1. From the installation website, USB, or disk, copy the upgrade installation file folder and paste it to your C: drive.

2. From the pasted upgrade installation file folder, right-click each zipped folder and click **Extract all**. This will extract the files to your C: drive.

Extracting the Upgrade Installation Files

1. From the downloaded upgrade installation file folder, right-click the xPONENT zipped folder and select **Extract All**.
2. The **Extract Compressed (Zipped) Folders** dialog box will display. Click the **Browse** button and navigate to the C: drive.
3. Click **Extract**.

NOTE: You can use the same zipped file/USB on multiple instruments at the same site.

4. From the extracted, unzipped main folder now located on your C: drive, extract each subfolder using the steps above.
5. Once all files have been extracted, delete the original zipped folders from your C: drive.

Backing Up the License File

If you're upgrading from a previous xPONENT® installation, make sure you've backed up the license file from the previous version.

NOTE: Ensure that your license is up to date. You can't perform the upgrade if the license is expired.

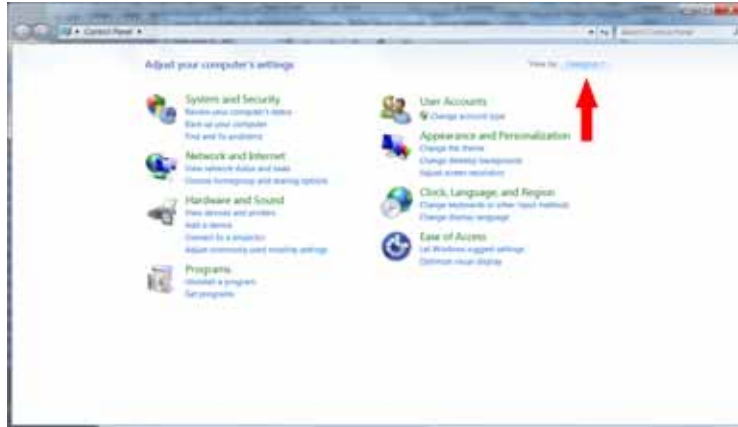
1. Open xPONENT and log in as an administrator.
2. Navigate to **Admin** tab > **Licensing** subtab.
3. Click **Export**.
4. Click **Save File**. When prompted, name the file **xPO 4.2 Backup**.
5. Browse to the appropriate location for your license backup file and click **OK**.
6. Exit xPONENT.

Uninstalling the Previous Version of MaintPix

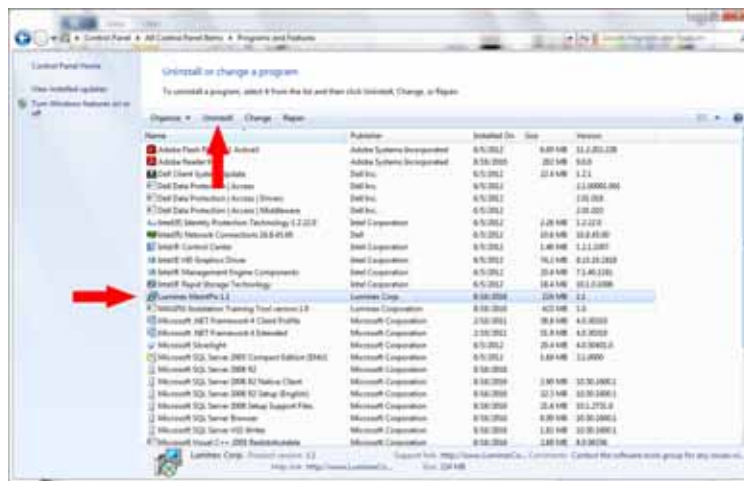
Uninstall any previous versions of MaintPix before starting this process.

NOTE: If MaintPix isn't already installed on your machine, skip to the next section.

1. Click the **Start** menu button  and choose **Control Panel**. Make sure the **View by** option is set to **Category**.



2. Navigate to **Programs > Uninstall a Program**.
3. Select the current version of **Luminex MaintPix** and click **Uninstall** from the menu bar.




4. A series of confirmation dialog boxes will appear; click **Yes** for each until the uninstall process starts.
5. Once the uninstall is complete, close the **Control Panel** and restart the PC.
6. When the PC is restarted, open the **Control Panel** and navigate to **Programs and Features**. Scroll down to confirm that MaintPix has been uninstalled.
7. Close the **Control Panel**.

Uninstalling the Previous Version of xPONENT® 4.2

Performing a Backup

Before starting the uninstall procedure, follow these steps to perform a backup of your xPONENT® database.

1. Verify that the login you've used has full administrative privileges.
2. Close xPONENT.
3. Click the **Start** menu button  and click **All Programs**. Choose the **Luminex** folder.
 - a. Select the subfolder labeled **Common**.
 - b. Click **xPONENT Archive** to open the Archive Utility:



4. Click **System Backup** (protocols, batches, kits, lots, etc.) from the bottom right corner of the screen.

NOTE: You cannot proceed if your license is expired.

- a. If prompted, enter your administrator login credentials and click **OK**.
 - b. The system defaults to the **Public Documents** backup folder. Click **OK**.
 - c. The backup will start. When it's complete, a confirmation message will display in the **Archive Events** log.
 - d. Verify that the data files have been backed up successfully:
 - i. Find the **Backup** shortcut folder on your desktop.
 - ii. Check for the zipped folder with the current date.
5. Close all software applications on your PC.

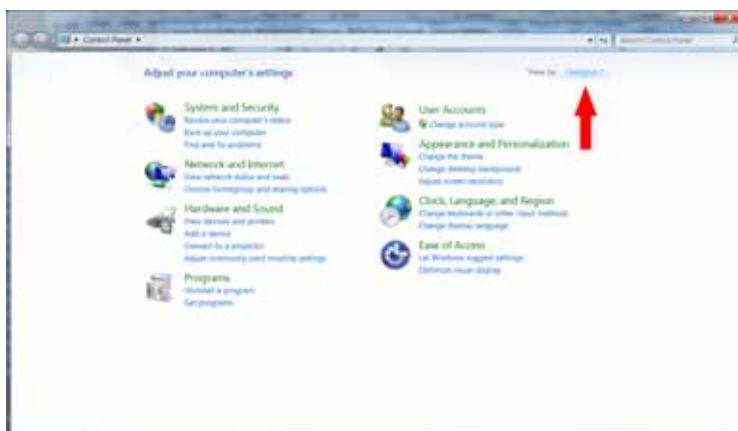
Uninstalling xPONENT®

NOTE: If you see an error message at any time throughout this procedure, take a screenshot and send it to Luminex Technical Support.

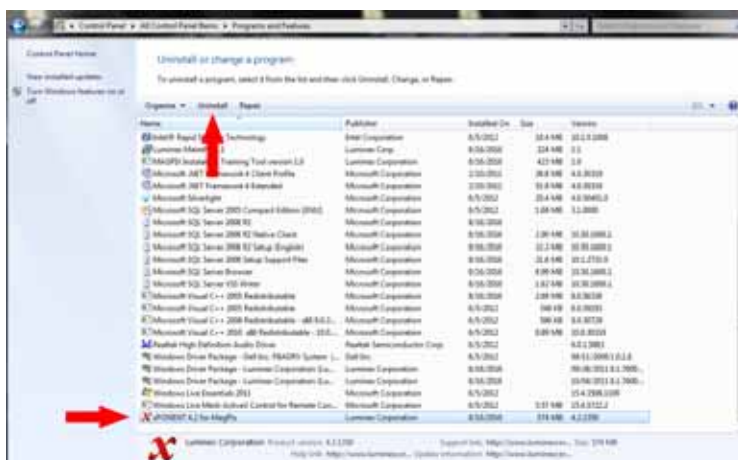
Follow these steps to uninstall xPONENT® using your PC's Control Panel.

1. Close the xPONENT software.

2. Click the **Start** menu button  and select **Control Panel**. Make sure the **View by** option is set to **Category**.



3. Navigate to **Programs > Uninstall a Program**.
4. Select **xPONENT 4.2 for MAGPIX** and click **Uninstall** from the menu bar.



5. Click **Yes** in all subsequent confirmation dialog boxes to complete the uninstall process.
6. Check the list on the **Programs and Features** page to confirm that the uninstall was successful.
7. Close all programs and restart the PC.

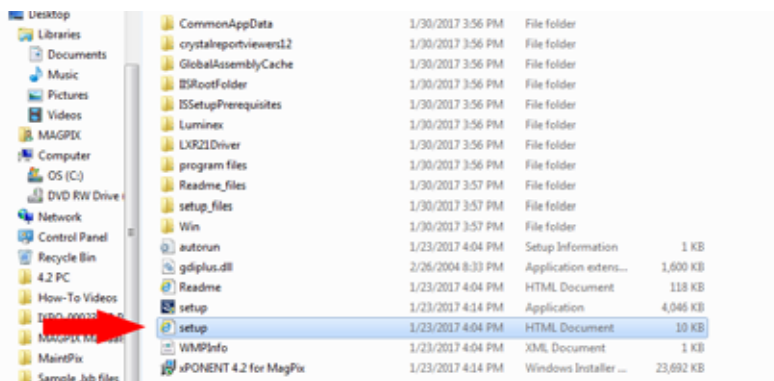
Installing xPONENT® 4.2

NOTE: Before performing the installation of xPONENT® 4.2, make sure your license is up to date. If your license is expired, you won't be able to open xPONENT after the installation.

1. In Windows® Explorer, make sure no files are hidden from the current view, then navigate to the C: drive and search for the folders listed below. If any of these folders exist on the C: drive, delete them:

- Program Files > Luminex > xPONENT42
- Program Files (x86) > Luminex > xPONENT42
- ProgramData > Luminex > FlexIC

2. From the downloaded installation files on your C: drive, double-click **setup.html**.



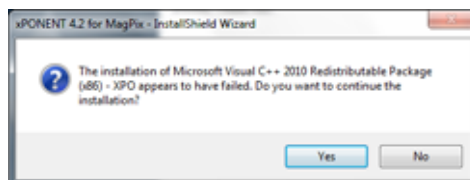
NOTE: There are two files with the name “setup.” Be sure you select the HTML file for this step; not the application. The correct file extension is *.html.

3. The **setup.html** page will open in Internet Explorer. Click **Install xPONENT**.

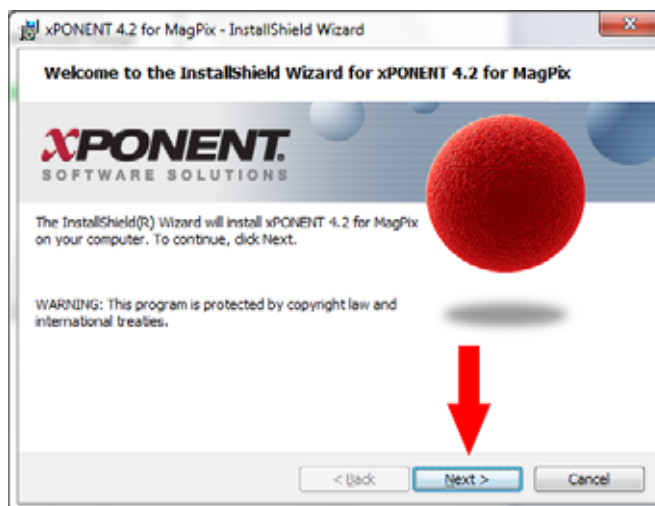


4. When asked, **Do you want to run Setup.exe?**, click the **Run** button.
5. If asked, **The publisher couldn't be verified. Are you sure you want to run the program?**, click **Run**.

6. If asked, **Do you want to allow the following program from an unknown publisher to make changes to this computer?**, select **Yes**.
7. If the following error message displays: **The installation of Microsoft Visual C++ 2010 Redistributable Package (x86) - XPO appears to have failed. Do you want to continue the installation?**, click **Yes**.



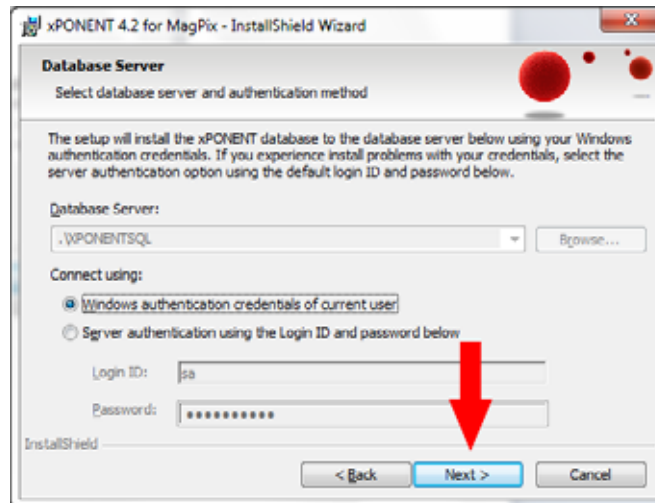
8. On the first page of the InstallShield Wizard, click **Next**.



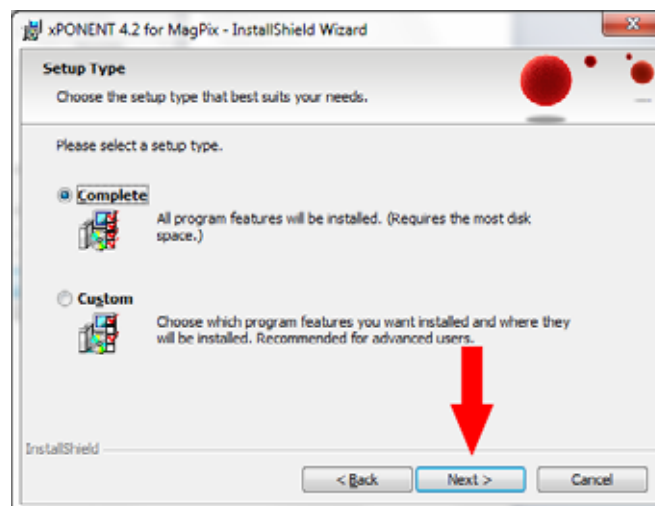
9. Click **Yes** for any subsequent confirmation dialog boxes to continue installation.
10. Read through the **License Agreement** and select **I accept the terms in the license agreement**. Click **Next** to continue.



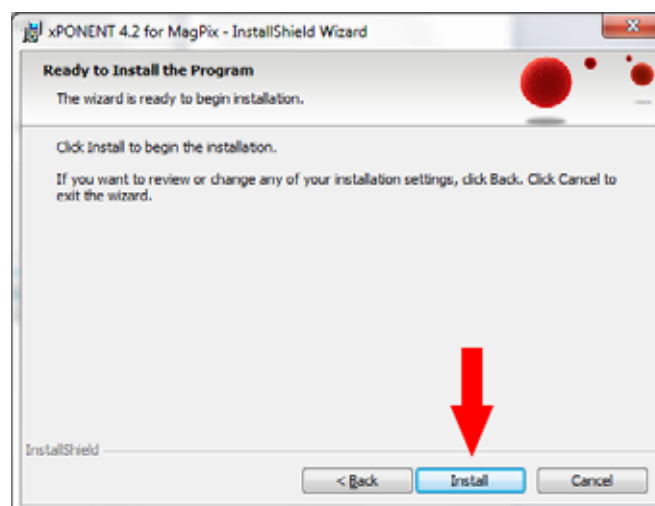
11. Make sure **Windows authentication credentials of current user** is selected, then click **Next**.



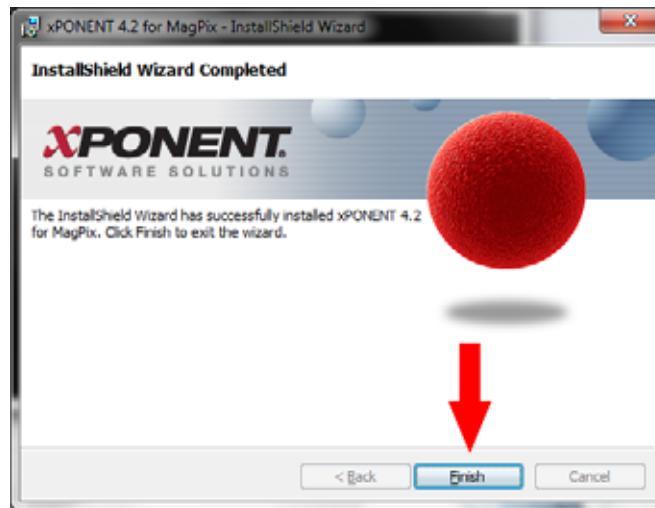
12. Select the **Complete** setup type and click **Next**.



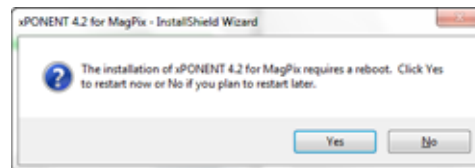
13. Click **Install**.




14. Once completed, click **Finish**.



15. If you're prompted to reboot the PC, click **Yes**. If not, close all programs and reboot the PC.



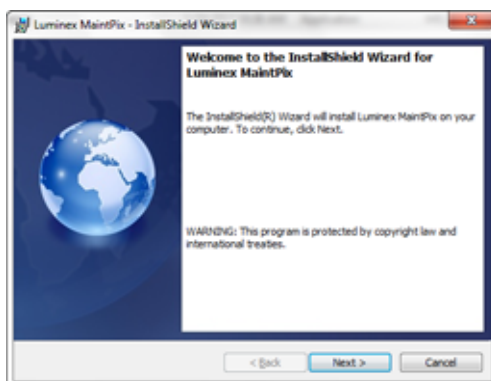
16. Once you've rebooted your PC, confirm that the installation was successful:
- Click the **Start** menu button  and select **Control Panel**.
 - Navigate to **Programs > Programs and Features** and scroll down to confirm that **xPONENT 4.2** is listed.
17. If you're prompted, open xPONENT and update the license key.

Installing MaintPix

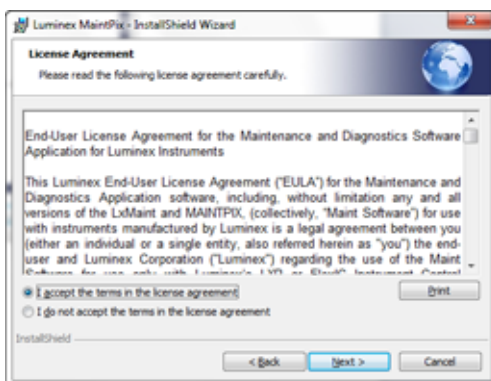
1. From the extracted MaintPix installation folder on your C: drive, open the **MaintPix setup** application file.



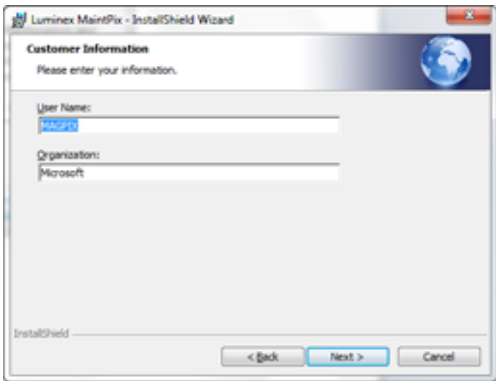
2. If asked **Do you want to allow the following program from an unknown publisher to make changes to this computer?** Select **Yes**.
3. When the MaintPix InstallShield Wizard opens, click **Next**.



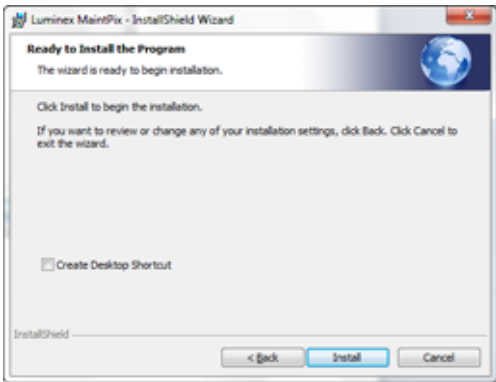
4. Read through the License Agreement and select **I accept the terms in the license agreement**. Click **Next**.



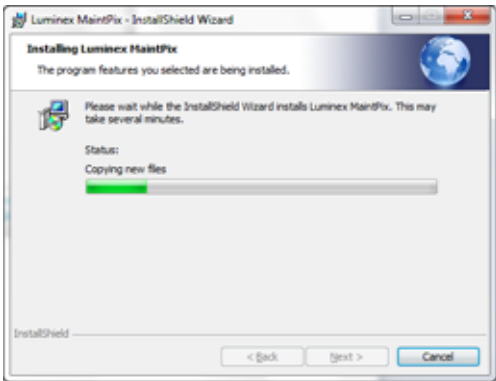
5. Make sure your **User Name** and **Organization** are entered correctly, then click **Next**.



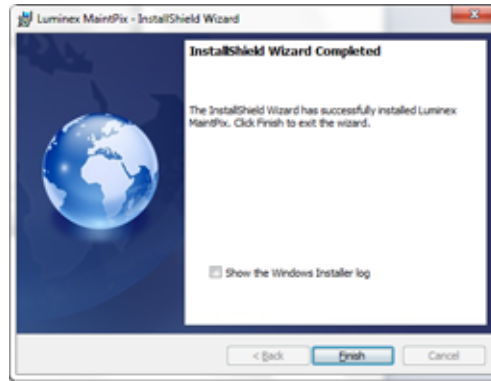
6. To start the installation, click **Install**.




7. MaintPix installation will start. A status bar will show on the dialog box as new files are copied:



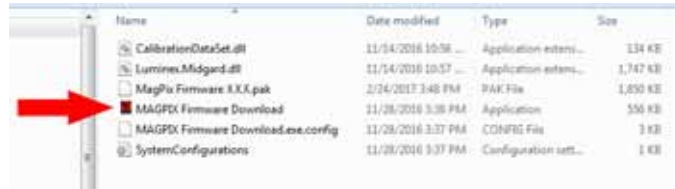
8. Once the installation is complete, click **Finish**.



9. Close all programs and restart the PC.
10. Once you've rebooted your PC, confirm that the installation was successful:
- Click the **Start** menu button  and select **Control Panel**.
 - Navigate to **Programs > Programs and Features** and scroll down to confirm that MaintPix is listed.

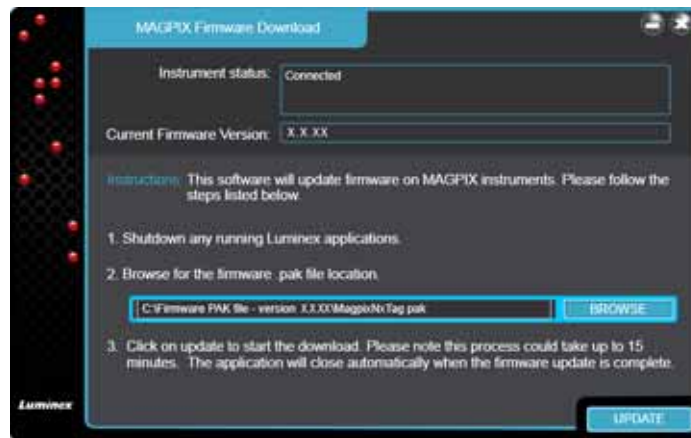
Installing the Firmware Update

1. Connect your PC to a Luminex® MAGPIX® instrument and power on the instrument. Give the instrument a few minutes to initialize.
2. Close xPONENT® and MaintPix, if they're open.
3. From the extracted MAGPIX Firmware folder on your C: drive, double-click the **MAGPIX Firmware Download** application file.

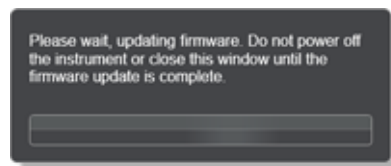


NOTE: Be sure you double-click the application file, and not the CONFIG file **MAGPIX Firmware Download.exe.config**.

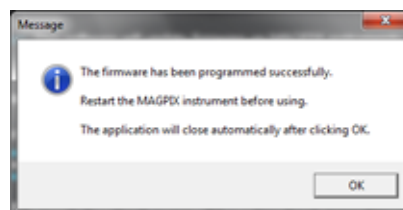
4. When the application opens, confirm that the **Current Firmware Version** is correct.
5. Under **Browse for the firmware .pak file location**, click **Browse**. Navigate to the MAGPIX Firmware folder on your C: drive. Select the MAGPIX Firmware .pak file, then click **Open**.



6. Click **Update**. A status screen will display.:



7. When the update is complete, a confirmation screen will display. Click **OK**.



8. Power down your instrument and reboot your PC.

9. Once your PC has rebooted, open the **MAGPIX Firmware Download** application and check the **Current Firmware Version** field to make sure the firmware has been updated.
10. Close all programs.

If you have any issues during the upgrade, please contact Luminex Technical Support for help.