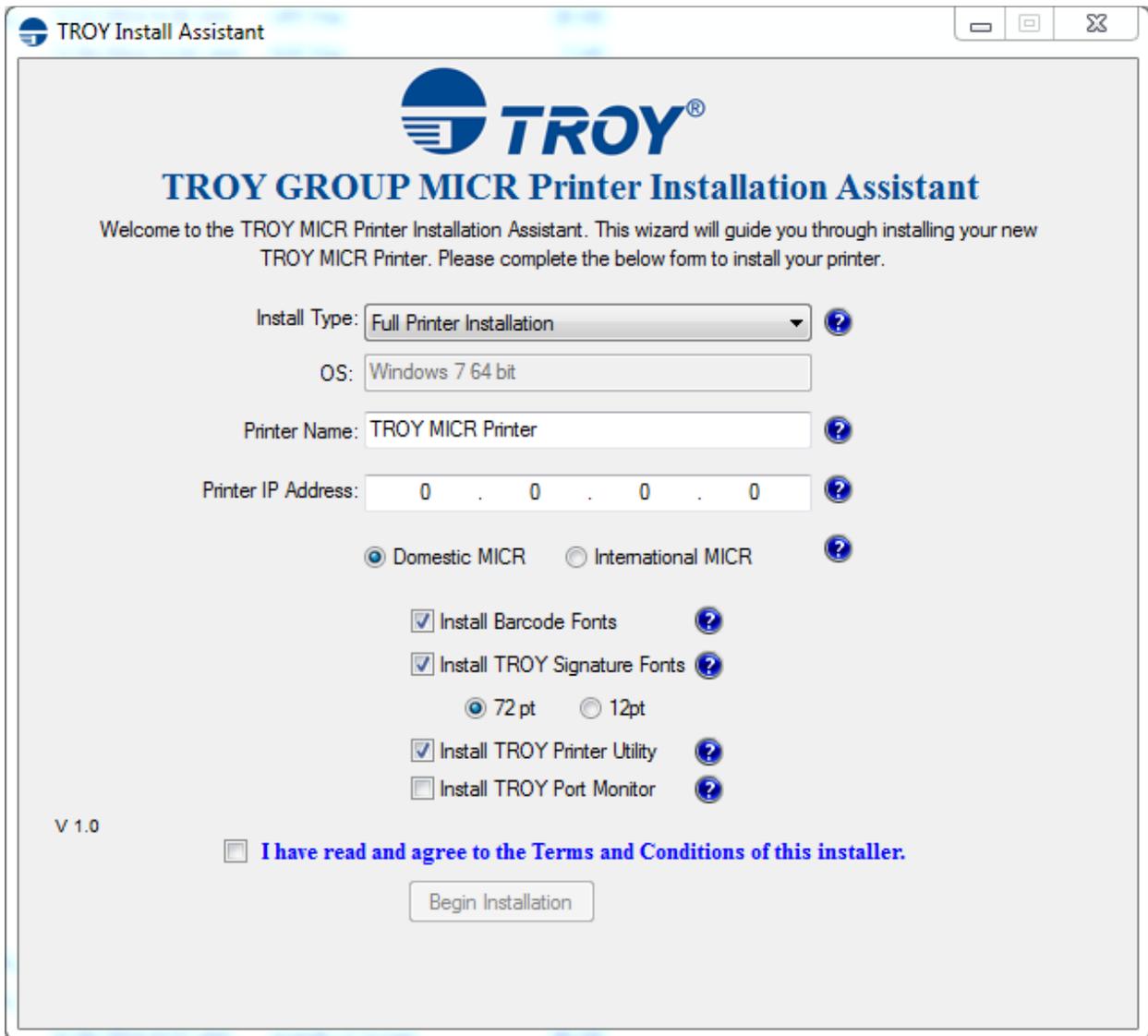




# **TROY Group MICR Printer Installation Assistant User's Guide**

For use with TROY Group MICR Printer Installation Assistant Version 1.1

The TROY Group MICR Printer Installation assistant will automatically install your TROY printer based on input you provide. This guide will walk you through making the appropriate selections based on your needs and provide the steps for manual installation of the TROY fonts should the assistant be unable to complete the installation for you. To run the TROY MICR Printer Installation Assistant run TROY MICR Printer Installer.exe. Please note that this program requires Administrator level access to run correctly and will request Windows Administrator elevation if you are not currently running as the Administrator. You will be shown the main install options screen. The options available to you will change based on the Install Type selected.



The screenshot shows the 'TROY Install Assistant' window. At the top, there is a title bar with the text 'TROY Install Assistant' and standard window controls. Below the title bar is the TROY logo, which consists of a blue circle with a stylized 'T' and the word 'TROY' in a bold, blue, sans-serif font. Underneath the logo is the title 'TROY GROUP MICR Printer Installation Assistant' in a bold, blue, sans-serif font. A welcome message reads: 'Welcome to the TROY MICR Printer Installation Assistant. This wizard will guide you through installing your new TROY MICR Printer. Please complete the below form to install your printer.'

The main area of the window contains several input fields and options:

- Install Type:** A dropdown menu set to 'Full Printer Installation' with a question mark icon to its right.
- OS:** A text box containing 'Windows 7 64 bit'.
- Printer Name:** A text box containing 'TROY MICR Printer' with a question mark icon to its right.
- Printer IP Address:** A text box containing '0 . 0 . 0 . 0' with a question mark icon to its right.
- Domestic MICR / International MICR:** Two radio buttons, with 'Domestic MICR' selected. A question mark icon is to the right.
- Install Barcode Fonts:** A checked checkbox with a question mark icon to its right.
- Install TROY Signature Fonts:** A checked checkbox with a question mark icon to its right.
- Font Size:** Two radio buttons, with '72 pt' selected.
- Install TROY Printer Utility:** A checked checkbox with a question mark icon to its right.
- Install TROY Port Monitor:** An unchecked checkbox with a question mark icon to its right.

At the bottom left, the version number 'V 1.0' is displayed. At the bottom center, there is a checkbox followed by the text 'I have read and agree to the Terms and Conditions of this installer.' Below this is a 'Begin Installation' button.

### **Install Type:**

- Full Printer Installation - This option installs the Printer Driver (UPD PCL 5), Screen Fonts (.ttf), and the PCM Support Files and configures the printer driver. It is recommended for Print Servers and Standalone Installations.
- Application Server / Workstation Installation - This option only installs the TROY Screen Fonts (.ttf). It is recommended to be installed on Application Servers, Individual Workstations, or any other system from which the document to be printed will be edited.
- USB Printer (Requires Preinstalled Printer) - This option installs the Screen Fonts (.ttf), and the PCM Support Files into an already existing USB (or Serial) connected printer. You can also use this option if the printer has been previously installed and you need to add or reload fonts. **The printer must be installed with the HP Universal Print Driver PCL 5.**

### **OS:**

Your OS and system architecture are automatically detected by the program and display in this field. If this is not correct or you receive an error message regarding OS and system architecture detection contact TROY technical support for assistance.

### **Printer Name:**

The printer will appear with this name from the Windows print queue. If you have selected USB Printer as your Install Type you will be presented with a dropdown list of the installed printers. Select the printer you wish to add the TROY fonts to from this list.

### **Printer IP Address:**

Provide the IP address that is configured on the printer. If you have selected USB Printer as your Install Type this field will be grayed out as it is not needed.

### **Domestic MICR or International MICR (Radio Buttons)**

If you are printing checks domestically (United States & Canada) select Domestic MICR. If you are not located in the United States or Canada or will be printing checks for use in a country other than the United States or Canada, select International MICR for additional language fonts.

### **Install Barcode Fonts (Check Box)**

Checking this box includes the industry-standard TROY Barcode Fonts in the installation.

### **Install TROY Signature Fonts (Check Box) and 72pt or 12pt (Radio Buttons)**

Checking this box includes the TROY Signature Fonts in the installation. These fonts require the printer to have a TROY Digital Imaging Kit installed. The Digital Imaging Kits are manufactured in both 1LPI (72pt) and 6LPI (12pt). To verify whether you require 1LPI or 6LPI installation, refer to the Digital Imaging Data Sheet that came with your Imaging Kit under Windows Support

Information. 1LPI fonts are of the 200 series family (201, 202, 203, etc.), and 6LPI fonts are of the 100 series family (102, 103, 104, etc.).

### **Install TROY Printer Utility (Check Box)**

Checking this box includes the TROY Printer Utility in the installation. The TROY Printer Utility is designed to assist the administrator with the configuration of the printer's default MICR and security features. While this is an optional utility and is not required to print TROY fonts, TROY does recommend having it installed.

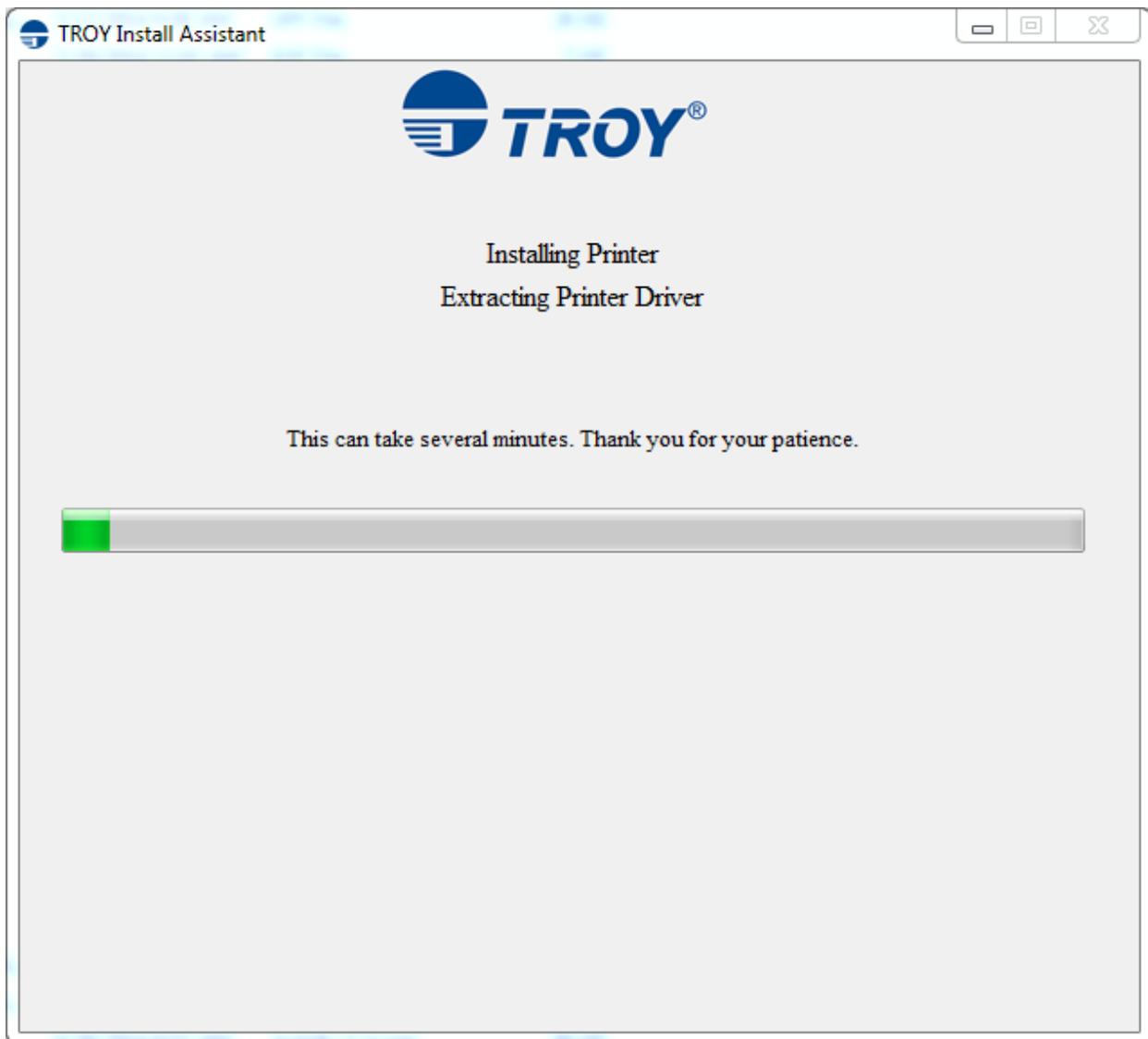
### **Install TROY Port Monitor (Check Box)**

Checking this box includes the TROY Secure Port Monitor (TSM) in the installation. The TSM is necessary for encryption, logins, and other TROY Security features to function correctly. If you are managing these commands directly via PCL then the TSM is not needed. If you are not using these security features then the TSM should **not** be installed.

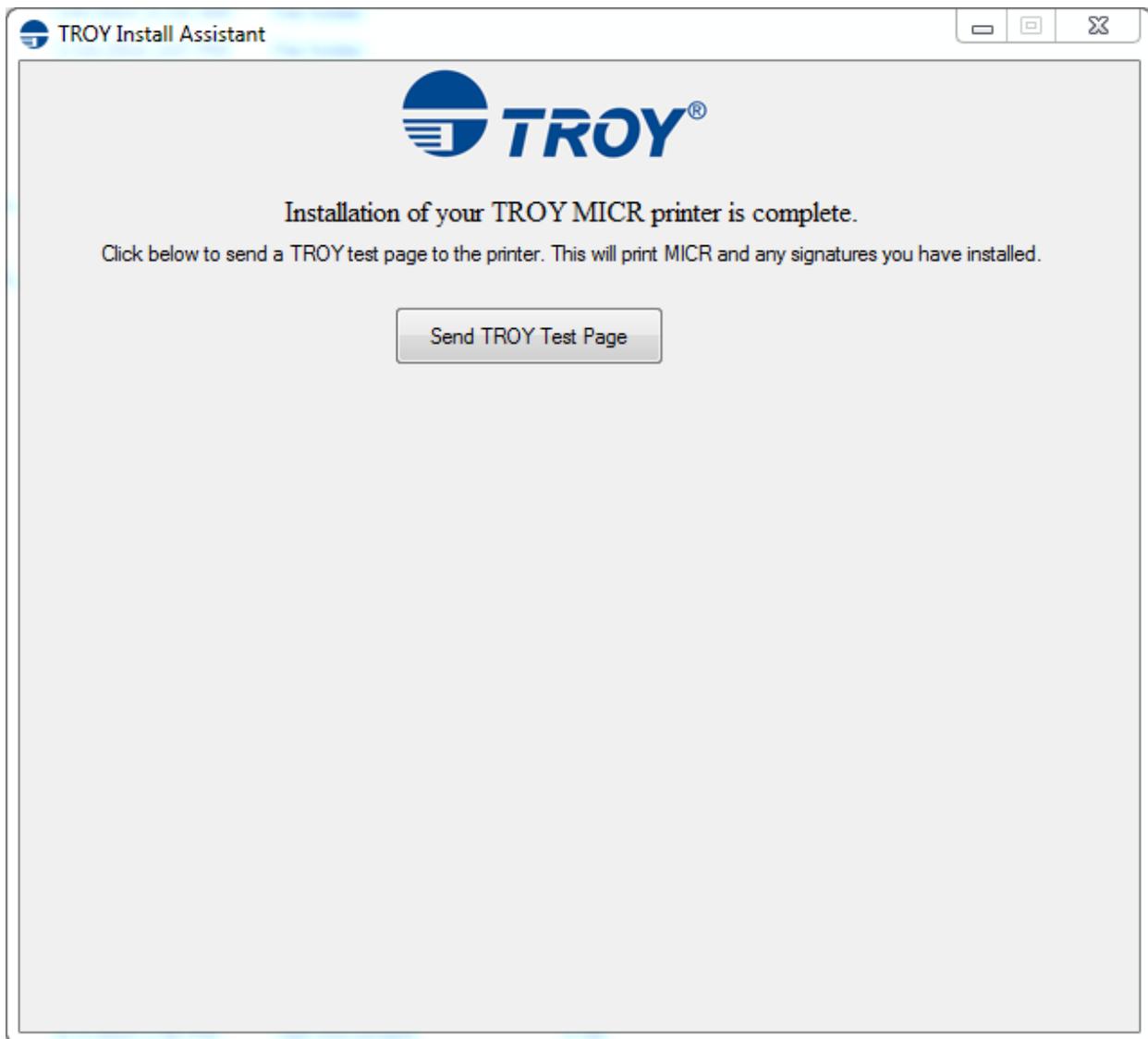
### **Terms and Conditions (Check Box)**

Click on the blue text to display the terms and conditions for the installer. Checking this box is required before you can proceed with the installation.

When you have completed your selections and are ready to begin the installation click the Begin Installation button. If the Begin Installation button is greyed out then you still need to complete some part of the form (such as accepting the terms and conditions). It is recommended that you close all open applications prior to clicking Begin Installation. If you have made any invalid selections on the installation window you will receive an error message detailing the problem and will be returned to the window to correct your selections. Once the installation begins you will be presented with a status window which displays the progress of the installation.



Once the installation is complete you will be shown the below window. Click the Send TROY Test Page button to send a TROY font test page to the printer. This will also print a signature font test page if the signature fonts were installed. Please note that the test page(s) can take a moment to generate and the close function (the red X in the upper right corner) will not be available until the final test page has been printed.



Clicking the Send TROY Test Page button multiple times will result in multiple test pages being printed.

**If at any point during the installation you receive an error or if the TROY Font Test page is not correct, contact TROY Technical Support for assistance. If you prefer to not use the TROY MICR Printer Install Assistant or need to perform a manual installation for any reason you can do so by following the instructions below.**



**Important:**

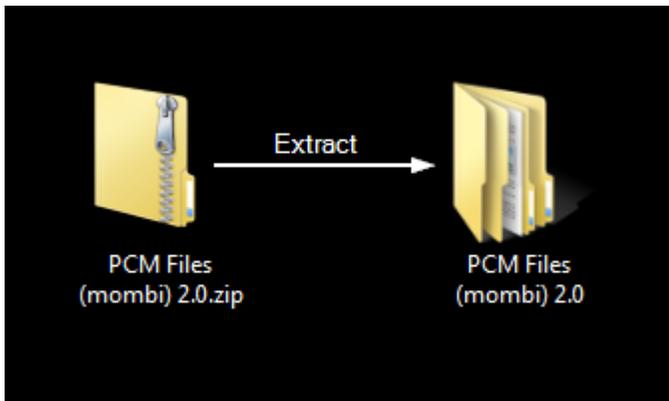
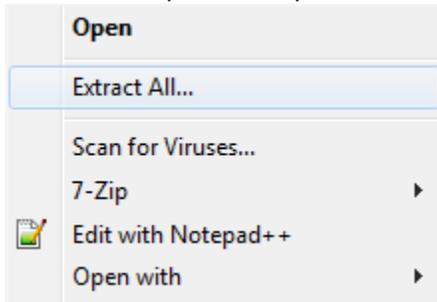
When selecting the **MICR font (Troy E-13B Screen Font)**, be sure to set the point size to 12. Selecting an improper font size will cause improper font spacing. As always, verify the MICR font spacing using a MICR document template. Also, be sure to **remove any existing Troy TTF Files** from the Windows Font's directory: C:\Windows\Fonts

- 1) You will need the following to complete this installation:
  - a. PCM Files (mombi) 2.0
  - b. The UPD PCL 5 Driver.
  - c. Note: this installation requires a **PCL 5 driver** and **User Account Controls** must be set to **Never Notify**.

These files can be downloaded from the TROY Support Website:

<http://www.troygroup.com/support>

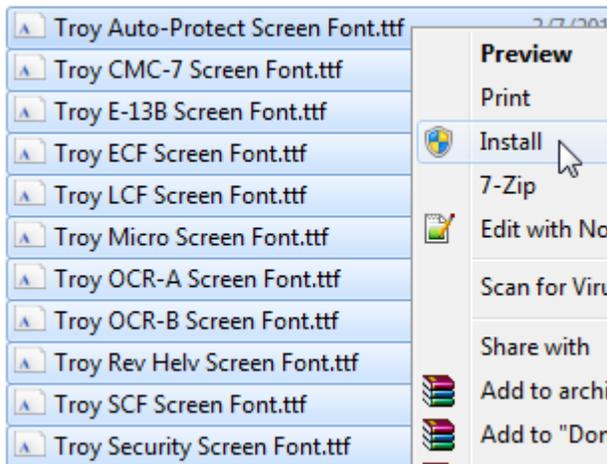
- 2) Extract the .zip file to any desired location by right clicking and selecting "Extract All."



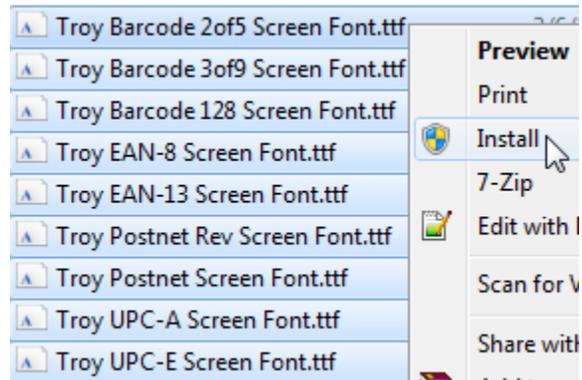
- 3) Install the True Type Fonts which are located in the following directories:
  - a. For the Troy Security Fonts:  
 "...PCM Files (mombi) 2.0\Domestic\Domestic Security Screen Fonts"
  - b. For Troy 200 Series Imaging Fonts:  
 "...PCM Files (mombi) 2.0\Imaging (72pt)\Imaging (72pt) Screen Fonts"
  - c. For the Troy 100 Series Imaging Fonts  
 "...PCM Files (mombi) 2.0\Imaging (12pt)\Imaging (12pt) Screen Fonts"
  - d. For the Troy Barcode Fonts  
 "...PCM Files (mombi) 2.0\Barcode\Barcode Screen Fonts"
  - e. For the Troy International Security Fonts  
 "...PCM Files (mombi) 2.0\International\International Security Screen Fonts"

4) To install, highlight the desired font(s), right click and click  **Install**.

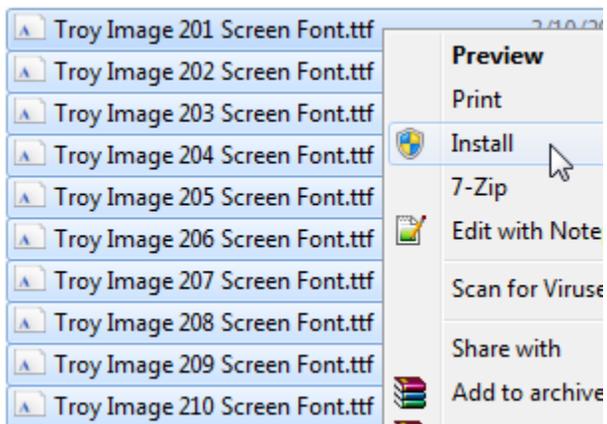
**Security Fonts**



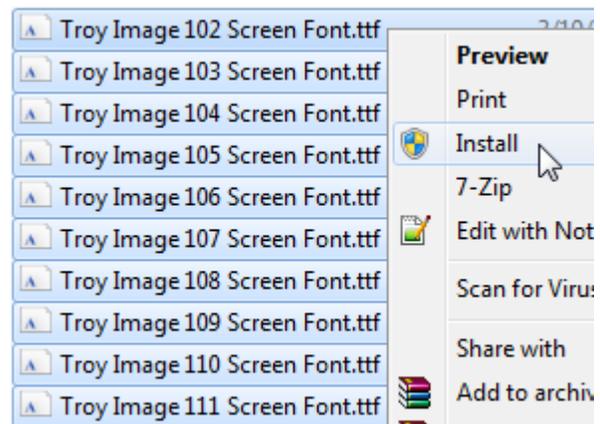
**Barcode Fonts**



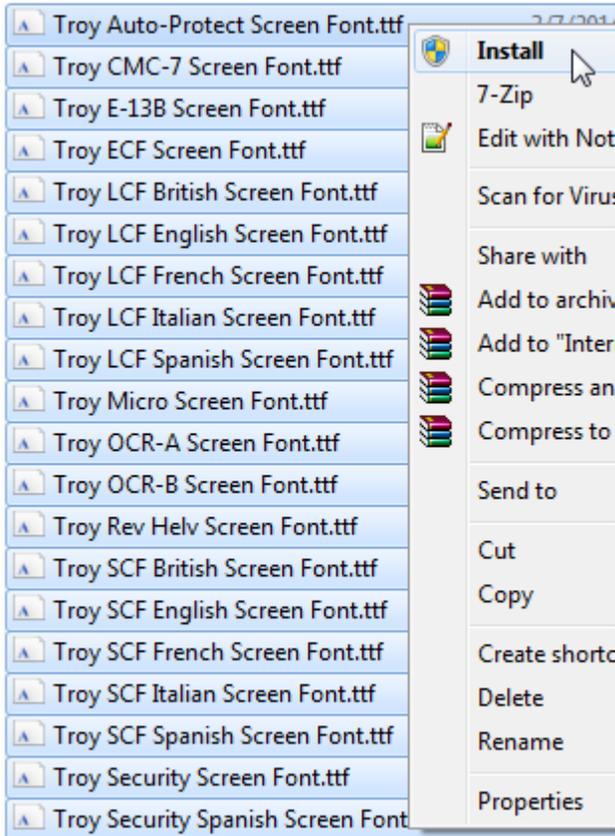
**200 Series Imaging Fonts**



**100 Series Imaging Fonts**



### International Security Fonts

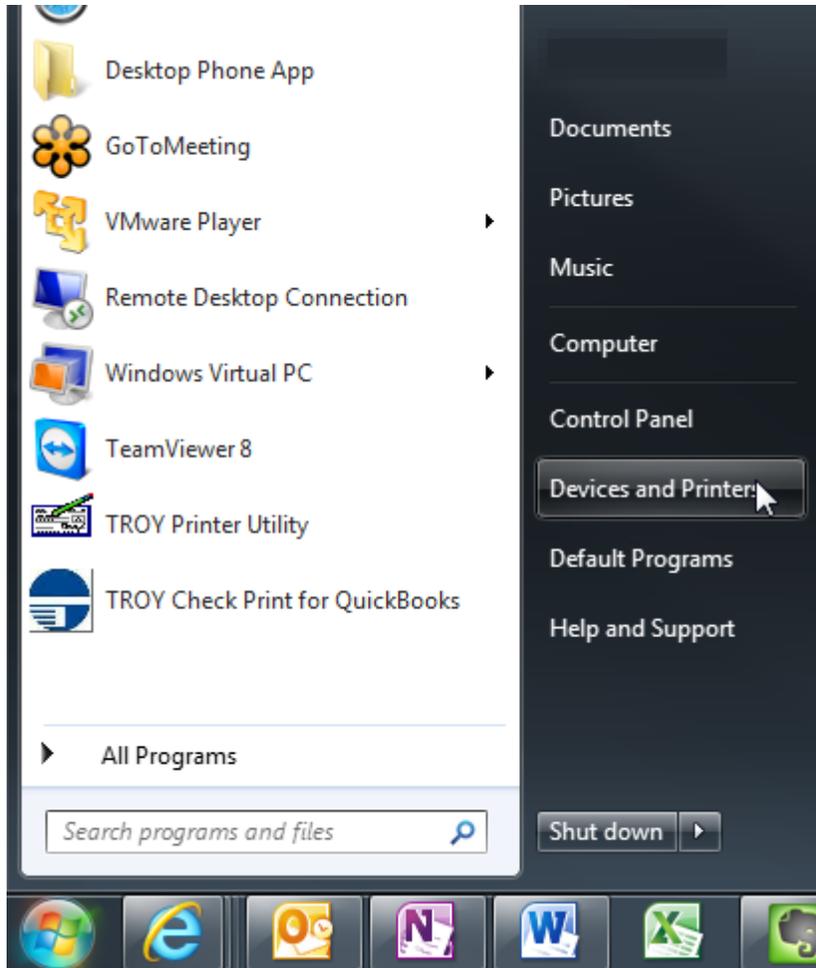


#### **IMPORTANT:**

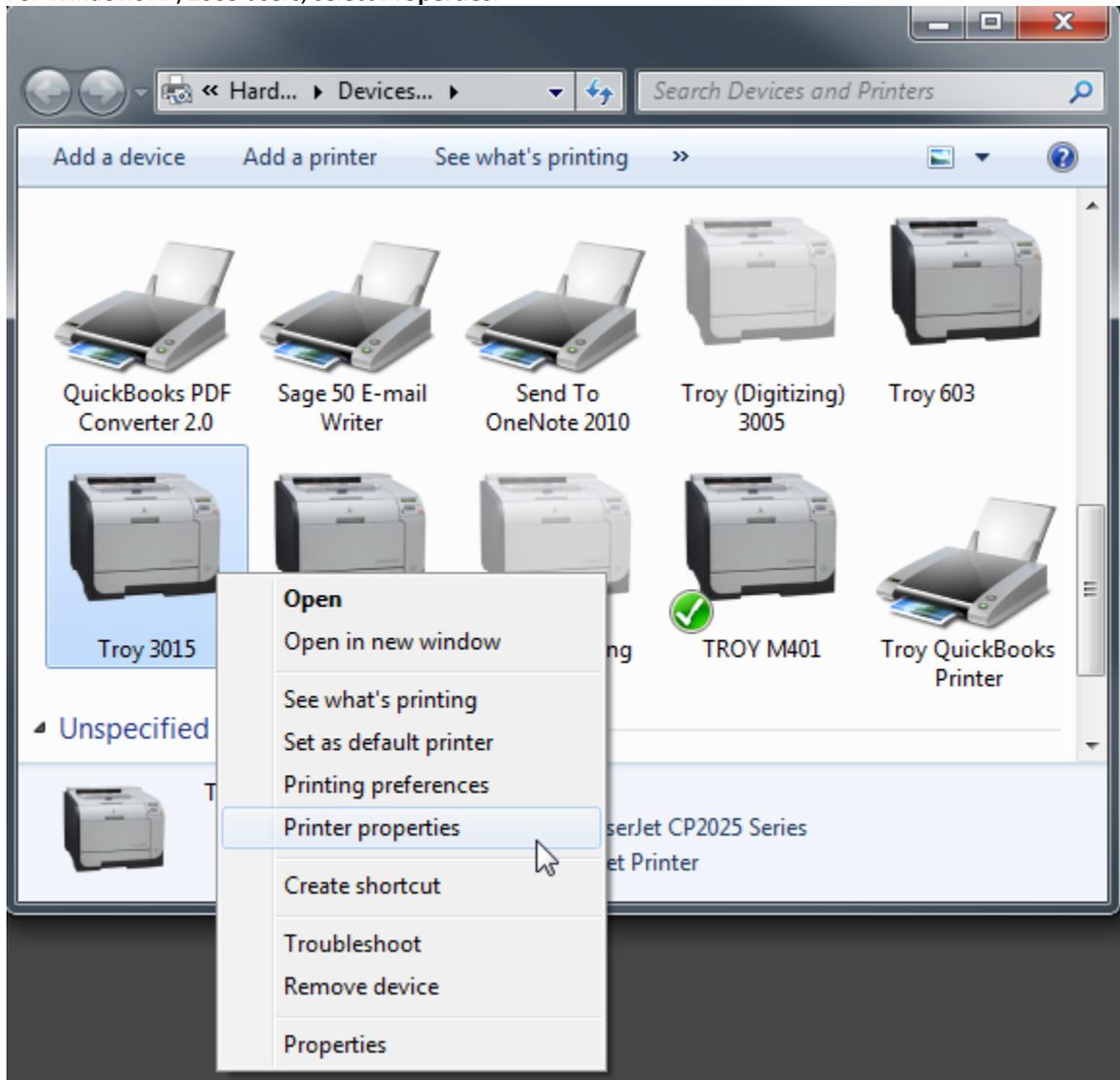
If you are using an application server, the screen fonts will also need installed on your application server too. If your application server or any other system tries to make reference to these files in the local Windows font directory, and the fonts are not found, this will result in the font being replaced by a default font (the most common is Wingdings).

If you previously used the older Troy Screen Fonts (Before 2014) you will need to replace them with the new screen fonts above. You will also need to select the newer screen fonts in your application.

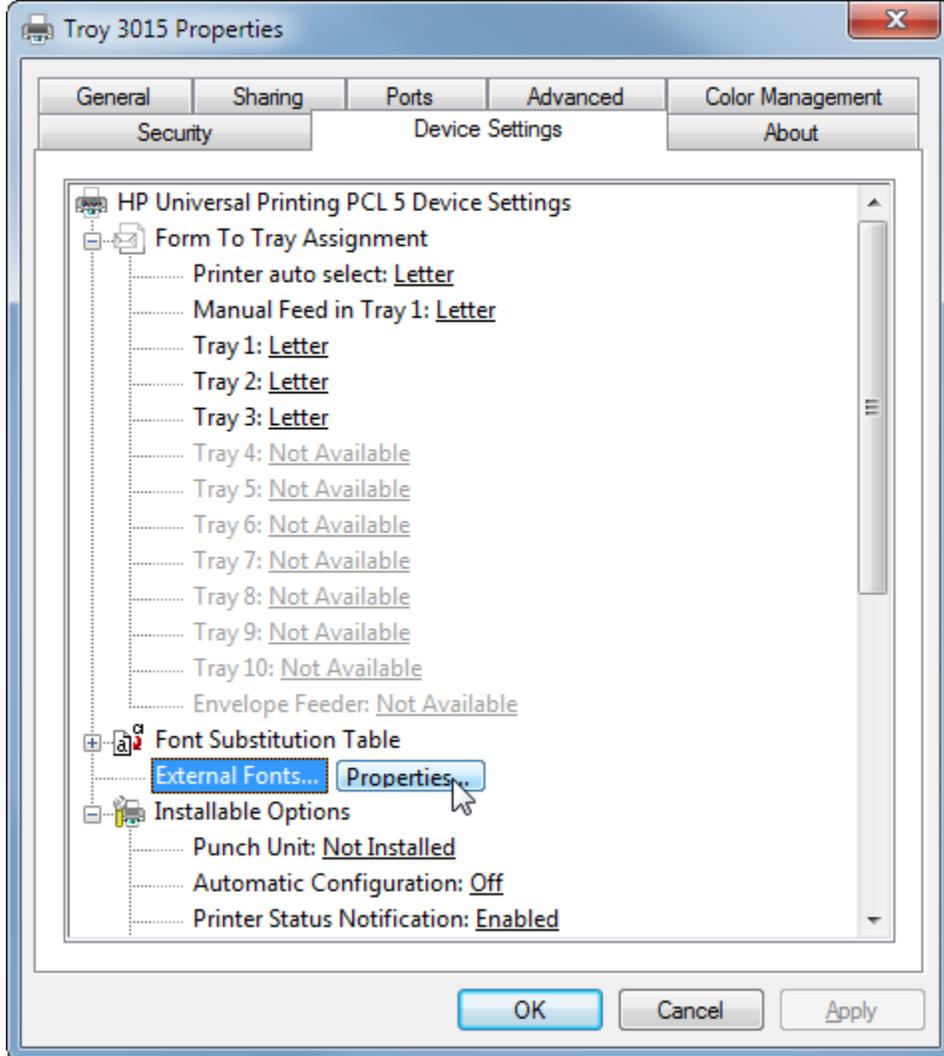
- 5) Once the TTF have successfully installed, go to **Start>Devices and Printers**  
For Windows XP users, select **Printers and Faxes**



- 6) Right click on the correct printer and select **Printer Properties**  
For Windows XP/2003 users, select **Properties**.

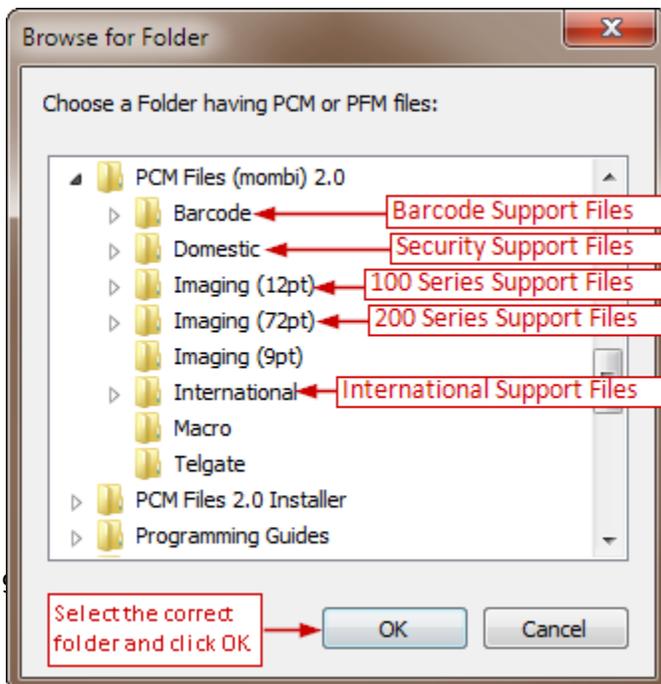
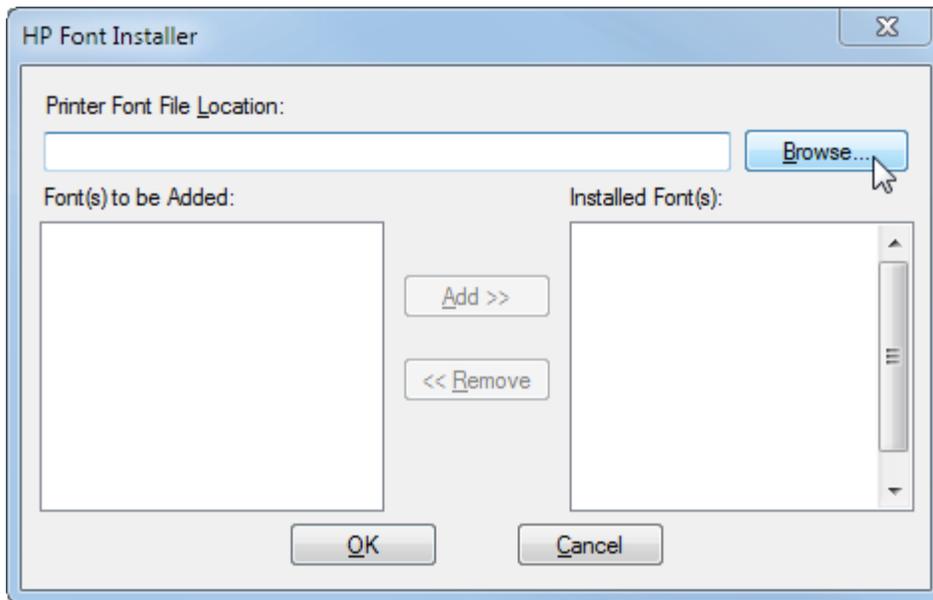


- 7) Go to the **Device Settings** tab and click **External Fonts** under **Font Substitution Table** and select **Properties**.



- 8) To install the Support Files you will first need to **Browse** to them.

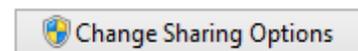
- Browse to the following directory for the Security Font Support Files:  
“...PCM Files (mombi) 2.0\Domestic”
- Browse to the following directory for the 200 Series Imaging Font Support Files  
“...PCM Files (mombi) 2.0\Imaging (72pt)”
- Browse to the following directory for the 100 Series Font Support Files  
“...PCM Files (mombi) 2.0\Imaging (12pt)”
- Browse to the following directory for the Barcode Font Support Files  
“...PCM Files (mombi) 2.0\Barcode”
- Browse to the following directory for the International Security Font Support Files  
“...PCM Files (mombi) 2.0\International”



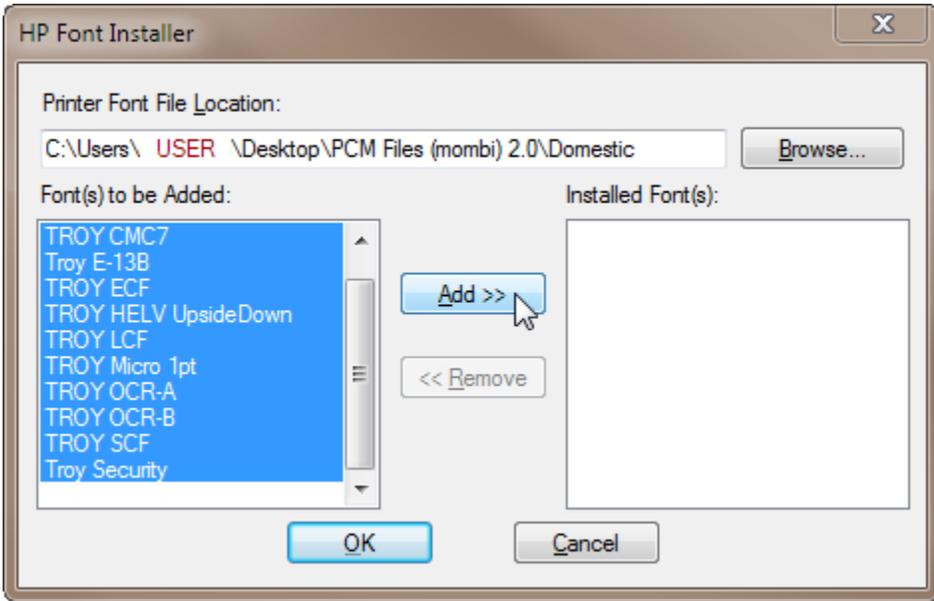
**Troubleshooting Tip:**

If you receive a message stating “*The selected folder does not have any valid fonts or all the fonts are added, Please select a different folder having PCM/PFM font file(s), this can mean a number of things.*” Be sure you are 1) using the UPD PCL 5 driver, 2) that you are not browsing to the zip file directly.

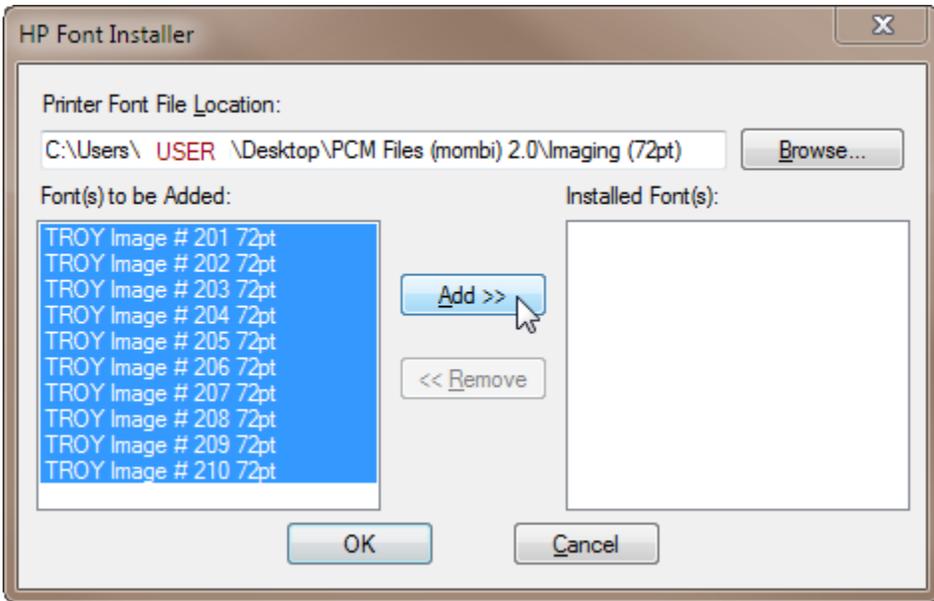
If you are using Windows 8, you must disable Printer Sharing from the Network Sharing Center under “Change advanced sharing settings.” Then, from printer properties under the sharing tab, click the “Change Sharing Options” button. Then proceed to add the support files again.



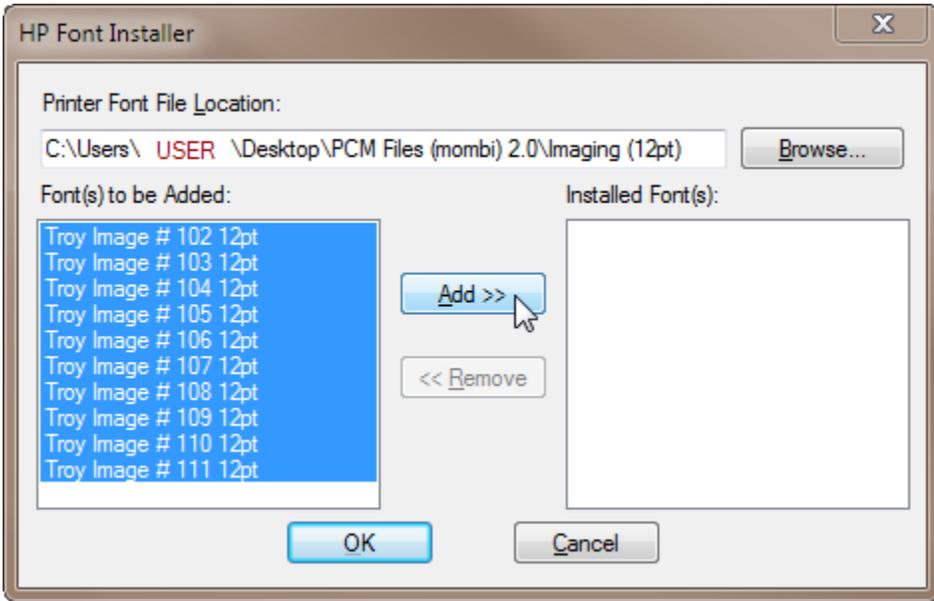
For the **Domestic Security Support Files**



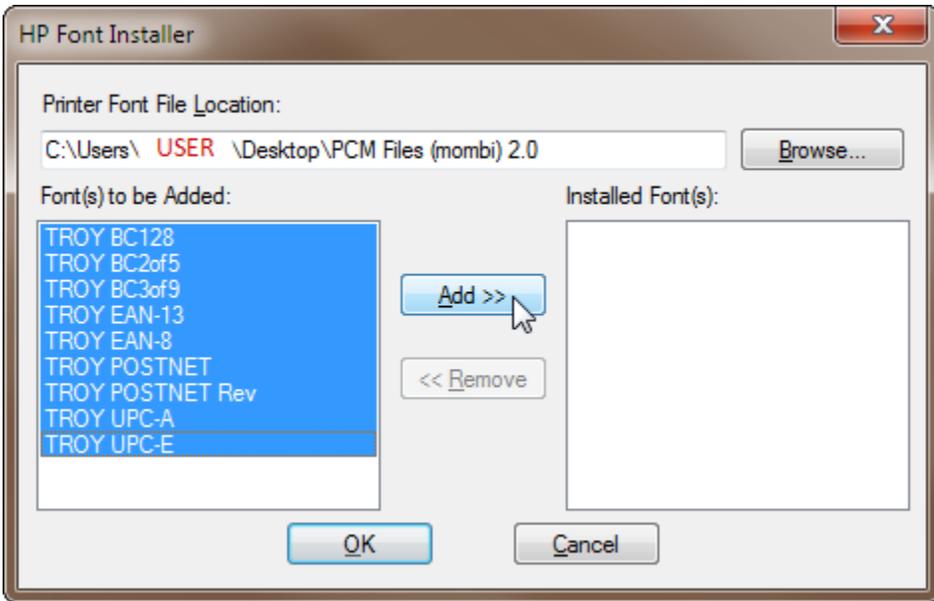
For the **200 Series Support Files**



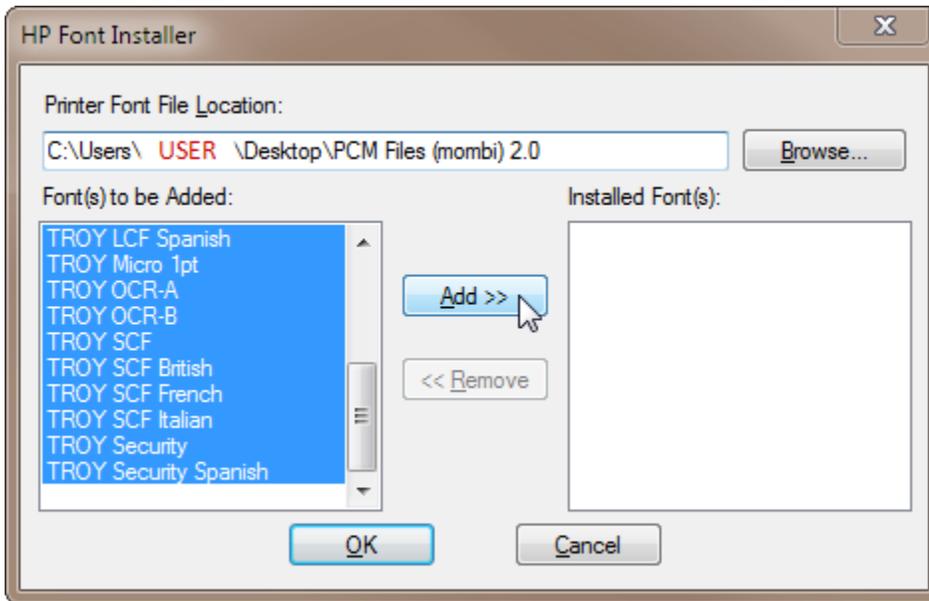
For the **100 Series Imaging Support Files**



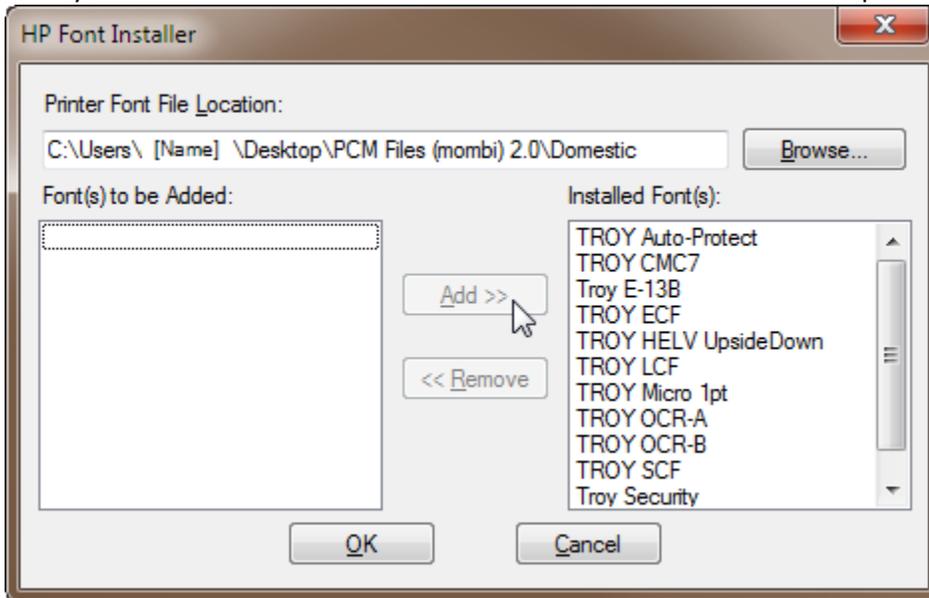
For the **Barcode Support Files**



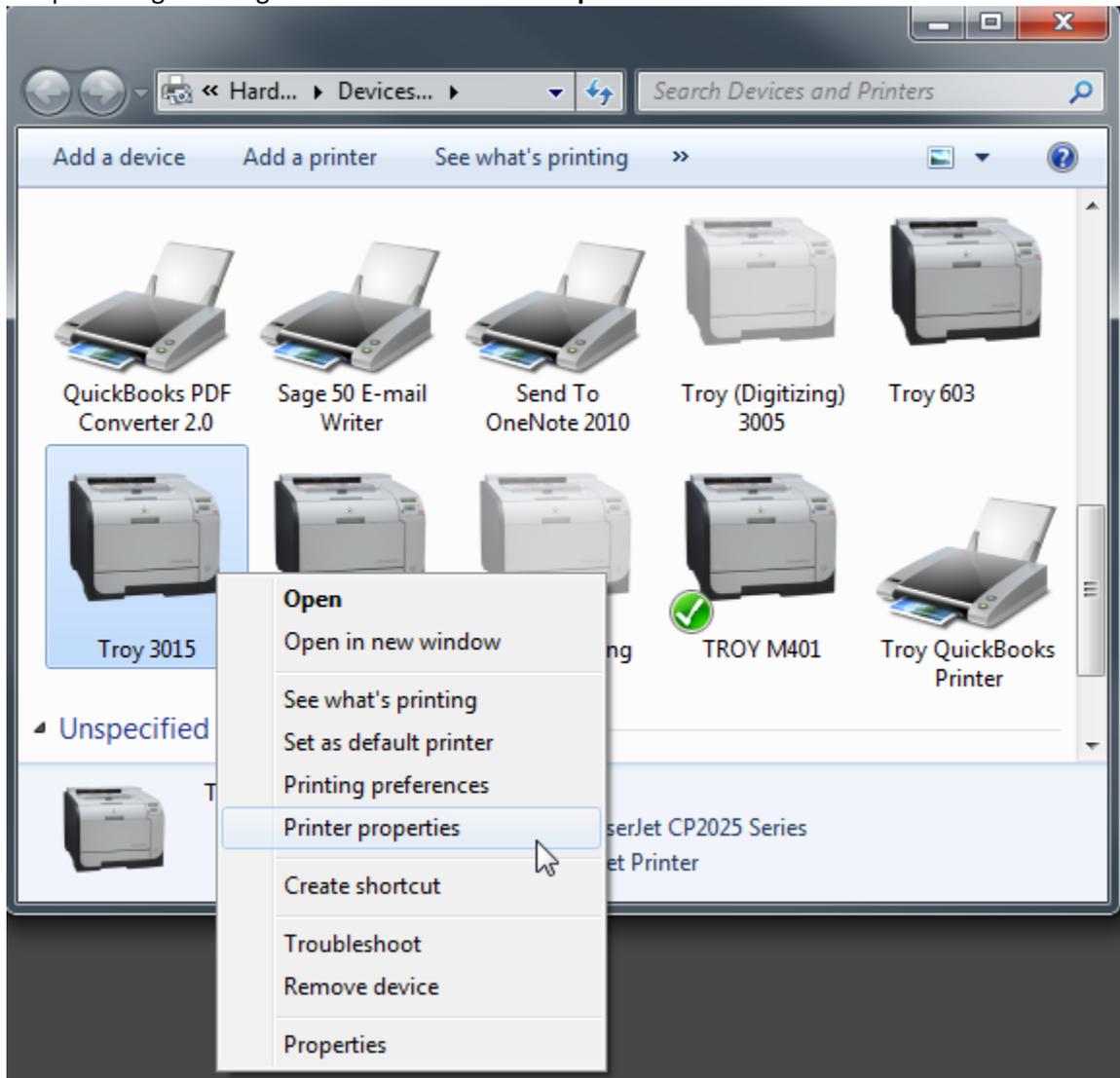
For the **Security International Support Files**



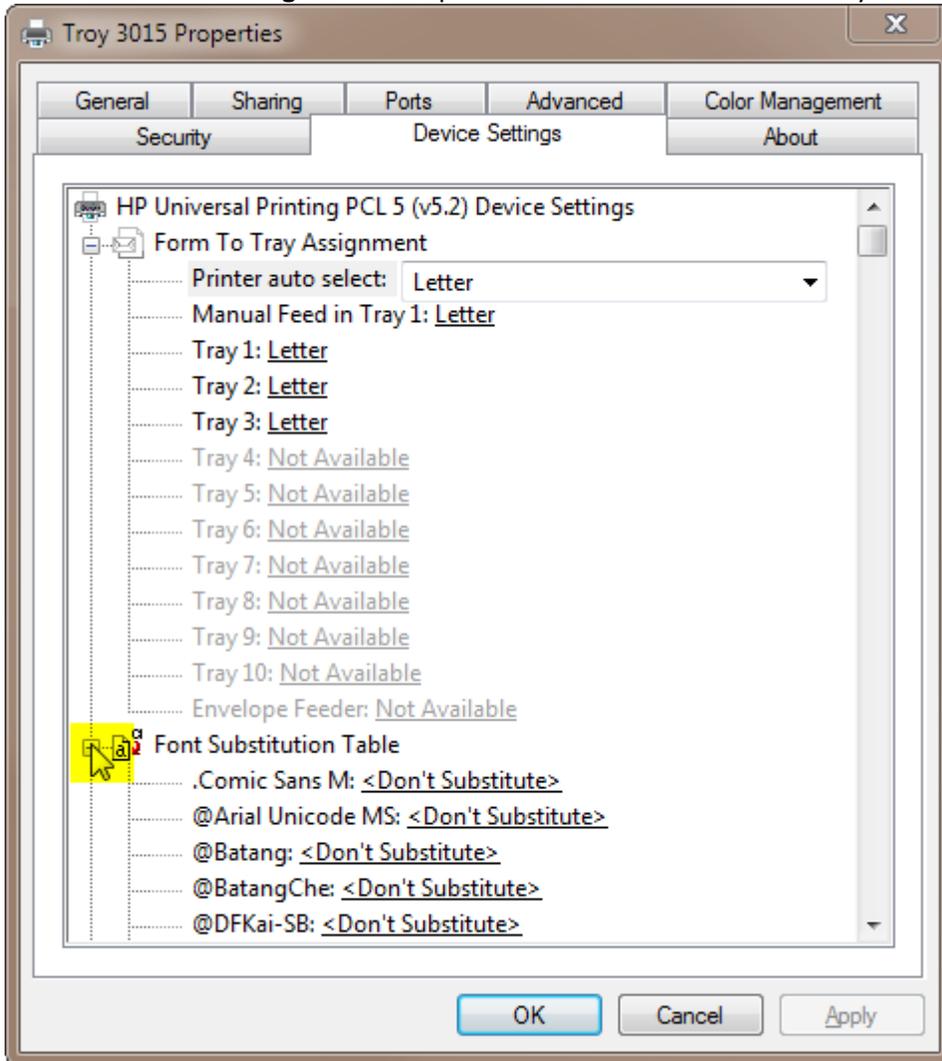
10) If you added the fonts correctly, it should look similar to the screenshot below, but with the fonts you've added. Click **OK** for each window to finalize the installation process.



- 11) Once the PCM files have successfully installed, click **OK** to exit the HP Font Installer, then click **OK** again to exit the driver. When you are completely out of the printer properties, right click on the printer again and go back into the **Printer Properties**.



12) Go to the **Device Settings** tab and expand the **Font Substitution Table** by clicking the + symbol.



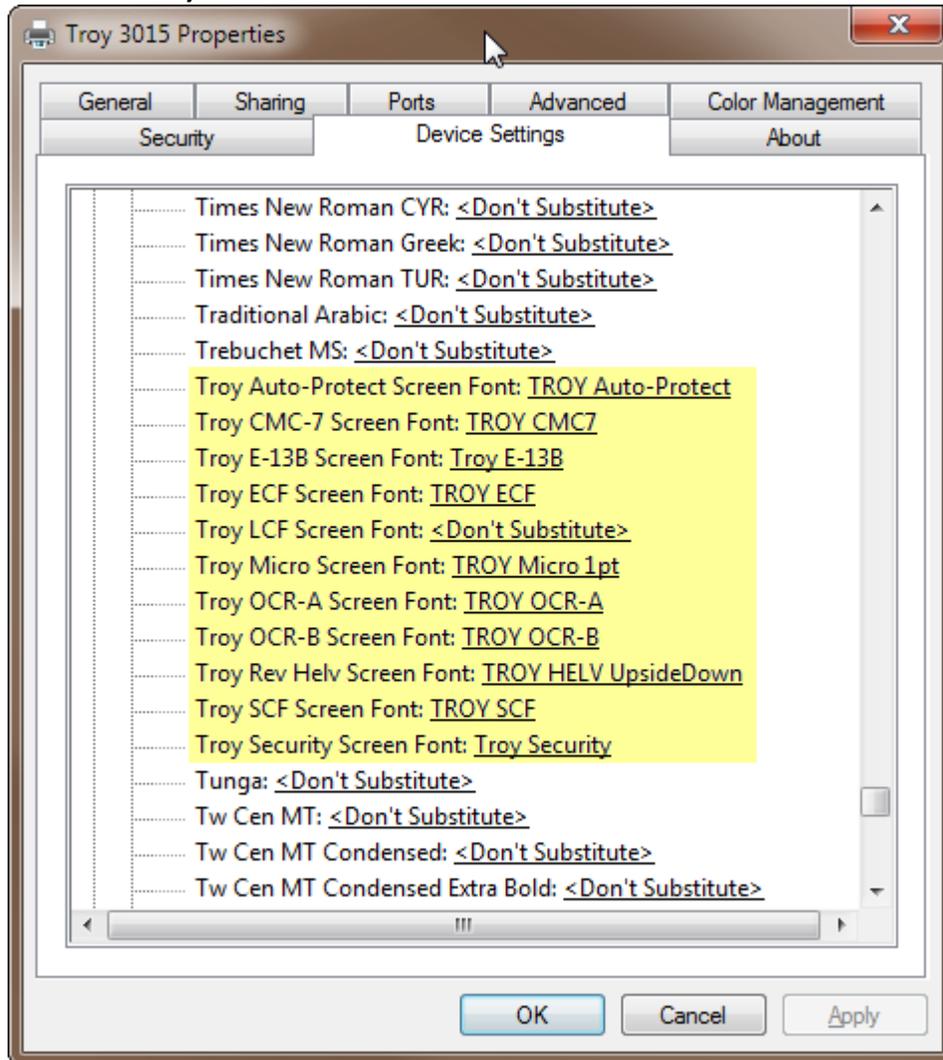
- 13) Scroll down until you see the Troy True Type fonts on the left. For each True Type Font you installed, select the corresponding Printer Resident Font to substitute for it. Do this by clicking “Don’t Substitute,” and utilizing the dropdown menu that will appear.



**Troubleshooting Tip**

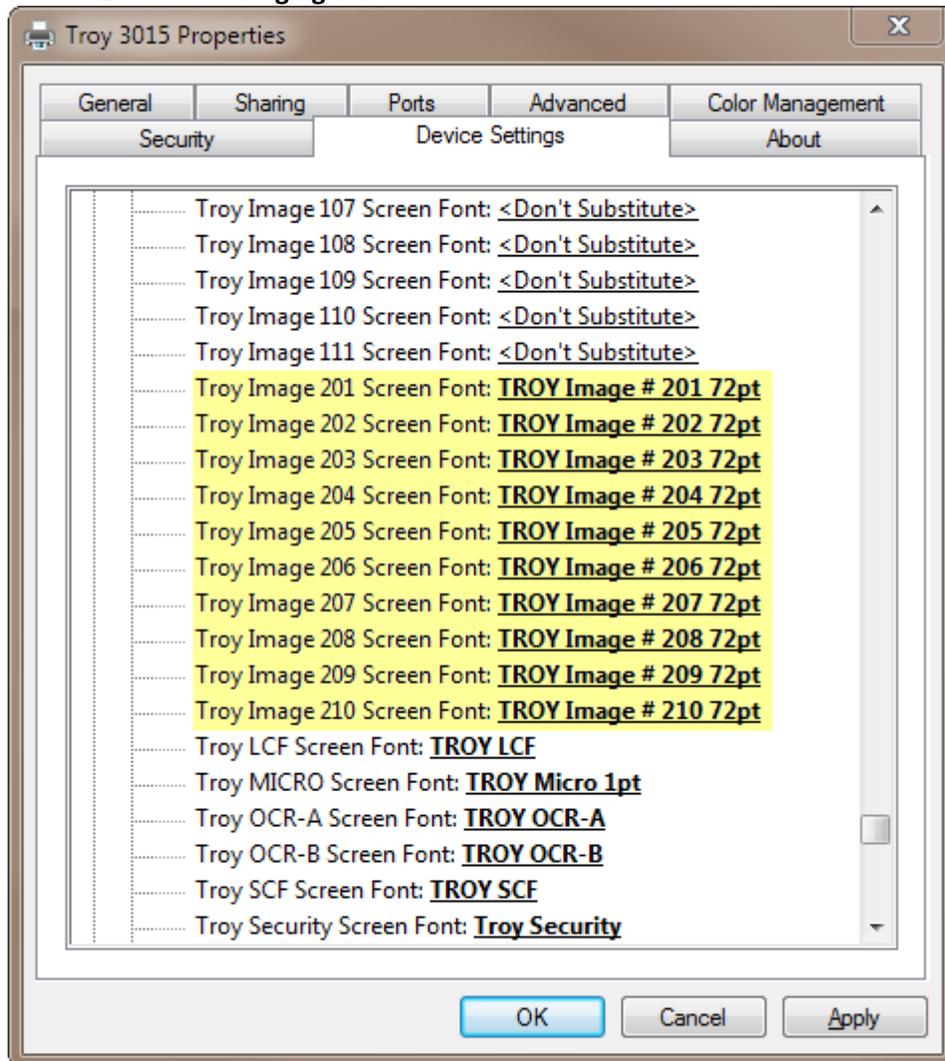
If you cannot see the printer resident font on the right, be sure the external fonts are still installed from steps 7-10. If the fonts disappeared, ensure User Account Control Settings are set to **Never Notify** (For Windows 7/2008 Users). If you still don’t see them, repeat steps 9-10 and verify the fonts are still installed. If they are not, repeat steps 7-10.

For the **Security Fonts**



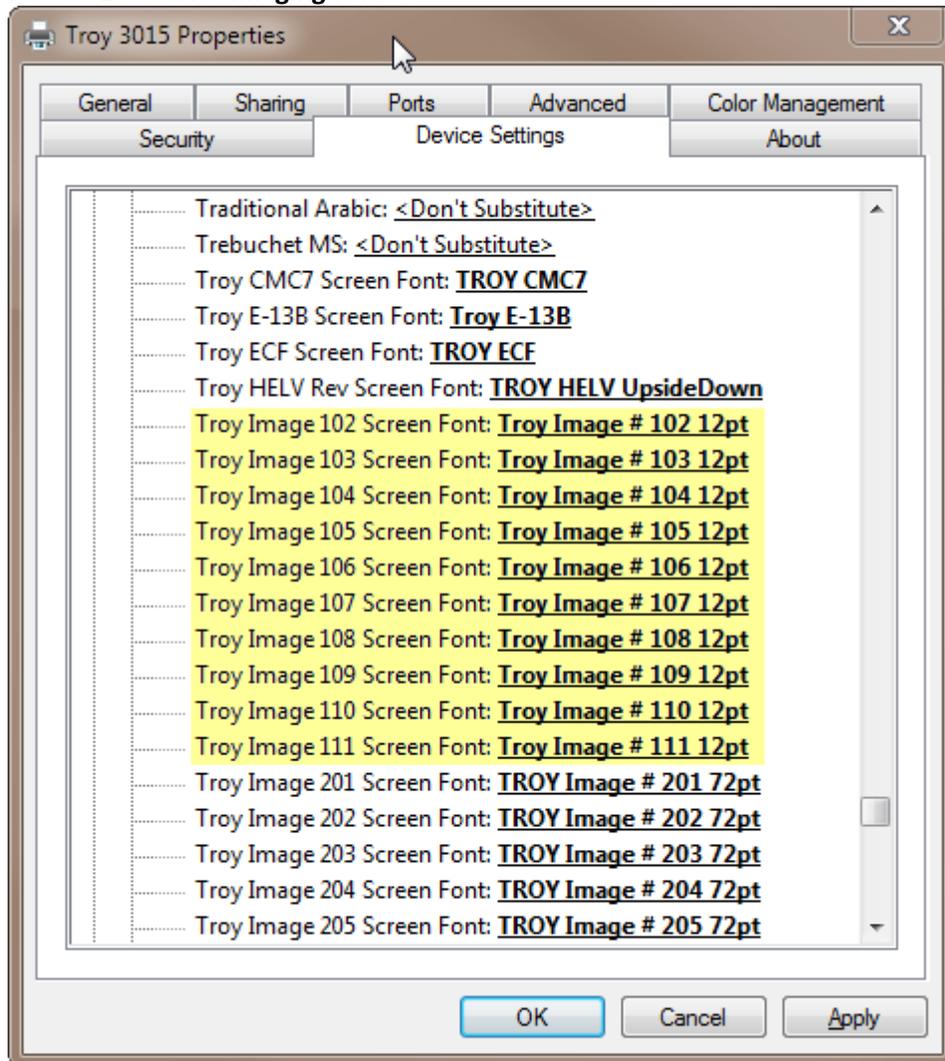
**Note:** If you are substituting for signature fonts, scroll down. Otherwise, click Apply, and then OK to close the Window. You should now be able to use the printer resident fonts (the font on the right) when you use the corresponding True Type Font (the font name on the left) in your application.

## For the 200 Series Imaging Fonts



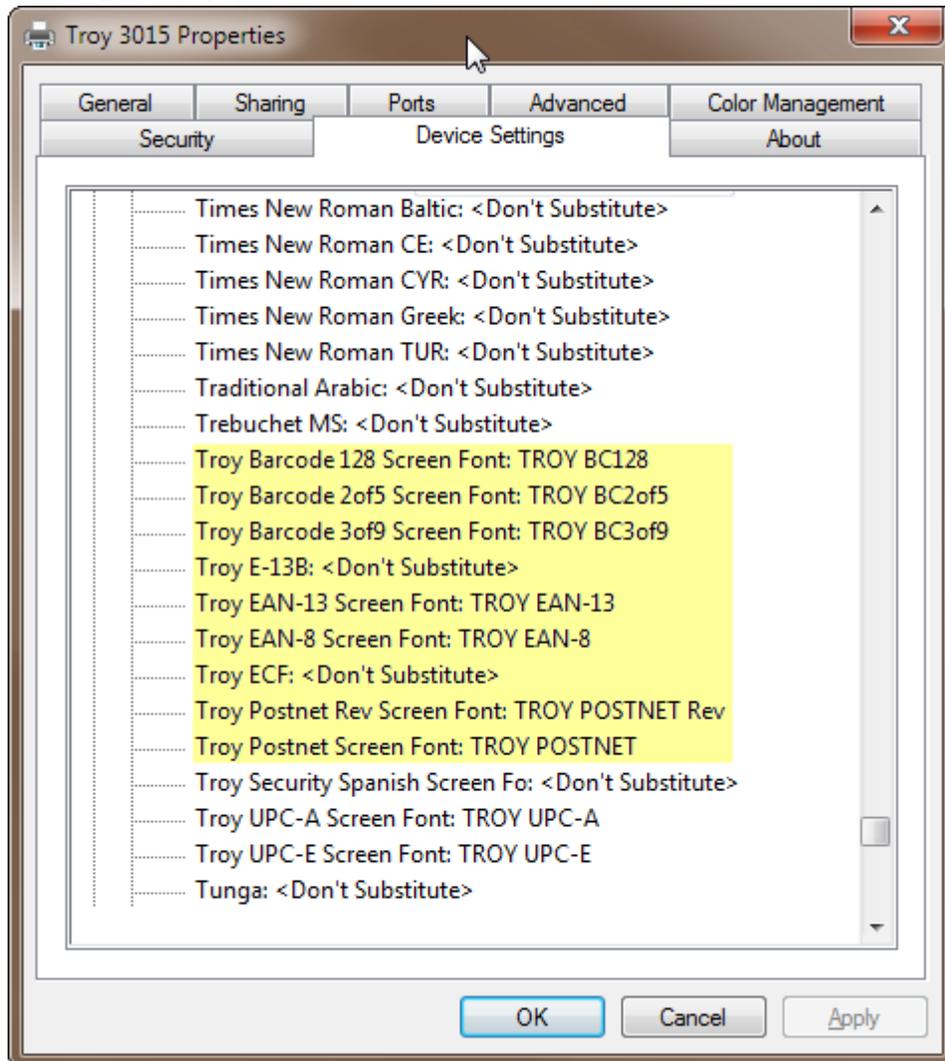
**Note:** If there are no further fonts to be substituted, click Apply, and then OK to close the Window. You should now be able to use the printer resident fonts (the font on the right) when you use the corresponding True Type Font (the font name on the left) in your application.

## For the 100 Series Imaging Fonts



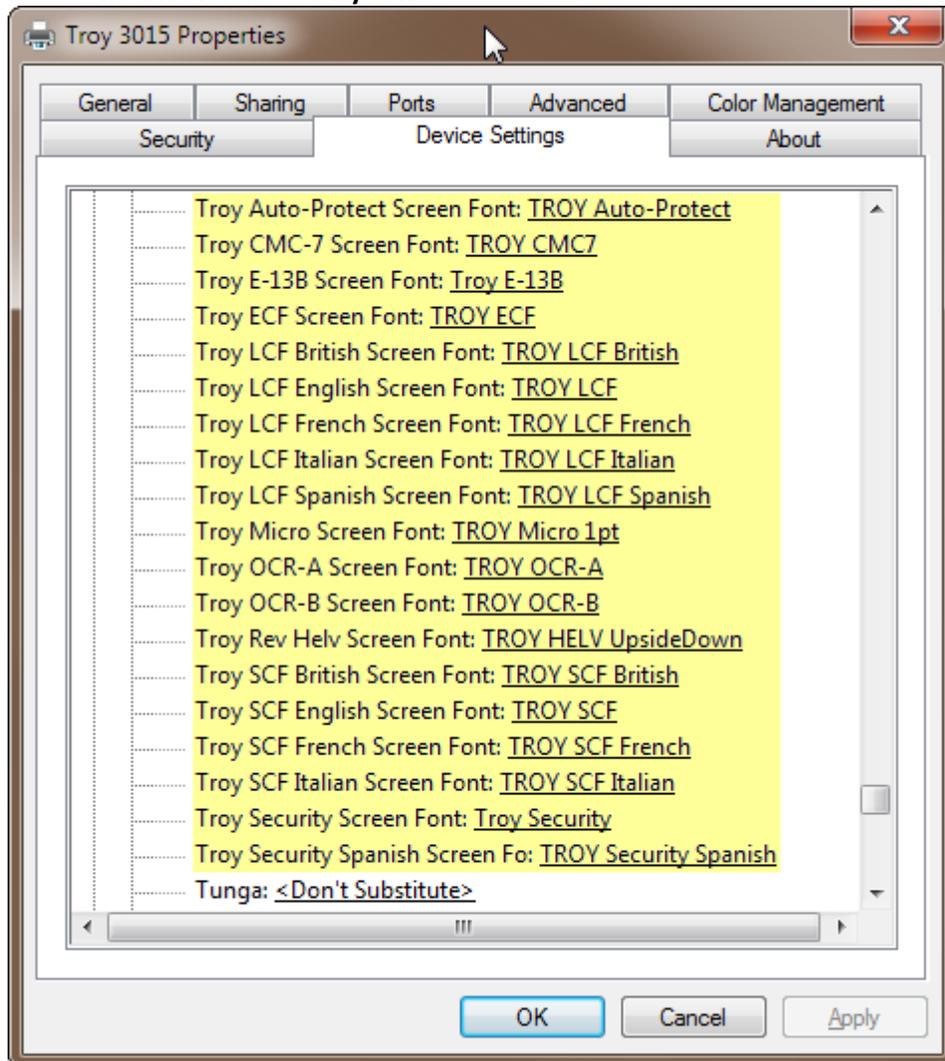
**Note:** If there are no further fonts to be substituted, click Apply, and then OK to close the Window. You should now be able to use the printer resident fonts (the font on the right) when you use the corresponding True Type Fonts (the font name on the left) in your application.

## For the Barcode Fonts



**Note:** If there are no further fonts to be substituted, click Apply, and then OK to close the Window. You should now be able to use the printer resident fonts (the font on the right) when you use the corresponding True Type Fonts (the font name on the left) in your application.

## For the International Security Fonts



**Note:** If there are no further fonts to be substituted, click Apply, and then OK to close the Window. You should now be able to use the printer resident fonts (the font on the right) when you use the corresponding True Type Fonts (the font name on the left) in your application.