



Hasp Key Update Procedure M-Series and MX-U Series

Publication 843-0155 (Revision E)

This document contains information about updating the HASP key on the M-Series and MX-U Series Processors. The HASP key contains add-on licenses and other information about a specific processor. Save this document for future reference.

Overview

There are several reasons you might receive an update to the HASP key for the M and MX-U Series Processors. You may purchase an add-on license for a vision program tool or software, add an M-Series, U-Series, or other supported camera, or get a patch for your system. This document will explain how to complete the update process.

Add-On Licenses

- OCR: These tool licenses are assigned to a specific processor vision device. For example, if a processor has two camera licenses and a single OCR license, the OCR license is assigned to the first vision device.
- Pattern Sort tool: These tool licenses are assigned to a specific processor, regardless of the number of camera licenses.
- Third-party camera: These camera licenses are assigned to a specific processor, regardless of the number of camera licenses.

What you need for the update

You need the update utility program to update the HASP key for Datalogic Machine Vision processors. This utility (DatalogicImpactHASPUtility_1_0_0.exe) is run on the target processor to create an update Base File.

Look in the following folder on the processor hard drive for the update utility program:

C:\Datalogic\support\

If the update utility program is not in that folder on the processor, you can download it from the Datalogic web site. See the instructions below for details.

When you run the update utility program, it creates a Base File that is used by Datalogic Support to modify the processor license. This Base File has the processor serial number as the file name and a "c2v" file extension. For example,

2012020004.c2v

Datalogic support personnel will create and return a License Update file (with a "v2c" extension) which contains the HASP Key update information.

Create the Base File

1. Find the update utility program named "DatalogicImpactHASPUtility_1_0_0.exe." It may be in the following folder on the processor hard drive:

C:\Datalogic\support\

If the update utility program is in that directory, skip to step 3.

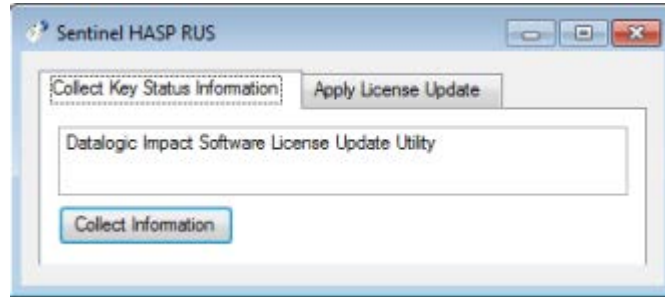
If the update utility program is not in that folder, you can download the zip file from the Datalogic web site at the following URL. Remember where you save the downloaded file.

http://www.datalogic.com/eng/support-services/industrial-automation/downloads/software-utilities-sw-195.html?search_prod=605

2. When the download is complete, unzip the update utility program from the downloaded folder and copy it to the following folder on the processor hard drive.

C:\Datalogic\support\

3. Double-click the update utility program to run it.
4. When the Sentinel HASP RUS dialog is displayed, select the Collect Status Information tab and click the Collect Information button.



5. When the "Save Key Status As" dialog is displayed, for the file name, enter the serial number of the processor. The extension "c2v" will be added automatically. For example, the complete file name might be:

2012020004.c2v

Save the file in the following directory:

C:\Datalogic\support\

6. Close the Sentinel HASP RUS dialog. Do not delete the update utility program. You will need it later to complete the HASP update process.
7. You may have received a License Information card with the processor, or purchased a card separately. The card should contain the following details:
 - A. License Part Number: (For example: 95ANNNNNNN where NNNNNNN is a number)
 - B. License Type: (example: Third Party Camera License)
 - C. License Serial Number (Serial number of the CARD)
 - D. Device Model Number (Target DEVICE or processor Model Number)
 - E. Device Serial Number (Serial number of the target DEVICE)
8. Create an email which includes the information listed in 7A through 7E contained on the card. This information is necessary to create the License Update file. Attach the Base File to the email and send it to this address:

MVlicenses@datalogic.com
9. When Machine Vision support receives the email, they will create a License Update file and reply to the email address you used to send the Base File. When you receive the email, continue with the next section.

Update the HASP Key

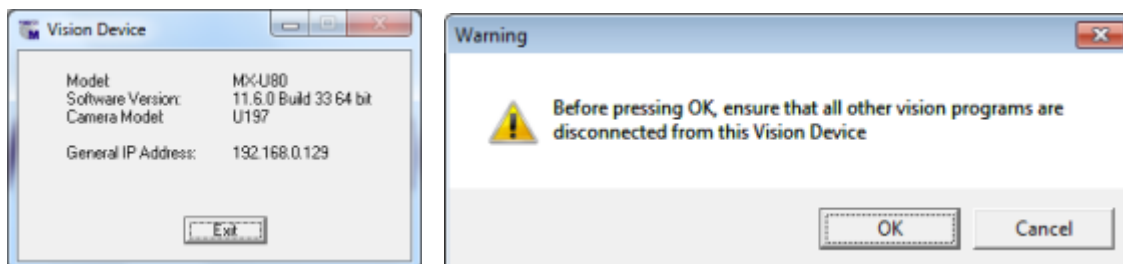
1. The License Update file has the same file name as the Base File, but with a "v2c" extension. For example:

2012020004.v2c

- The email you receive from Machine Vision support will have the License Update file attached. Save the file to the following folder on the processor hard drive.

C:\Datalogic\support\

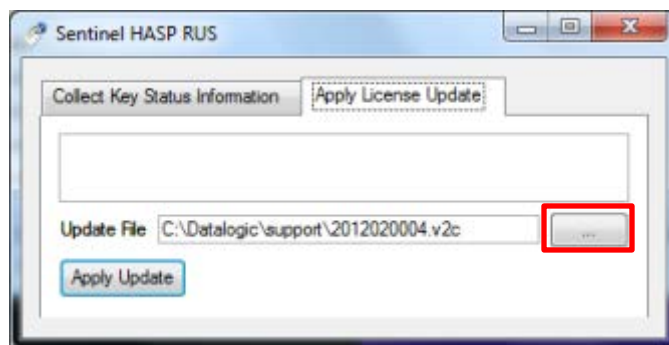
- On the processor, close all Impact programs that are running (VPM, CPM, etc.)
- Close all the Impact Vision Devices. Select each one from the task bar, click Exit, then click OK to confirm the exit. After they are all closed, wait 30 seconds.



- Navigate to the folder where you saved the update utility program and double-click the file to run it.

C:\Datalogic\support\ DatalogicImpactHASPUtility_1_0_0.exe

- When the Sentinel HASP RUS dialog is displayed, select the Apply License Update tab.



- Click the Browse for Update button and navigate to the folder where you saved the License Update (v2c) file.

C:\Datalogic\support\

- Select the License Update file. For example, the complete file name might be:

2012020004.v2c

- Click the Apply Update button. When the update has finished, a message is displayed.
- Close the Sentinel HASP RUS dialog. Do not delete the update utility program or License Update file. You may need them in the future.

NOTE:

If the HASP key update included adding one or more cameras to the processor, you must complete the following section: Add IMPACTDevice Shortcuts to Startup.

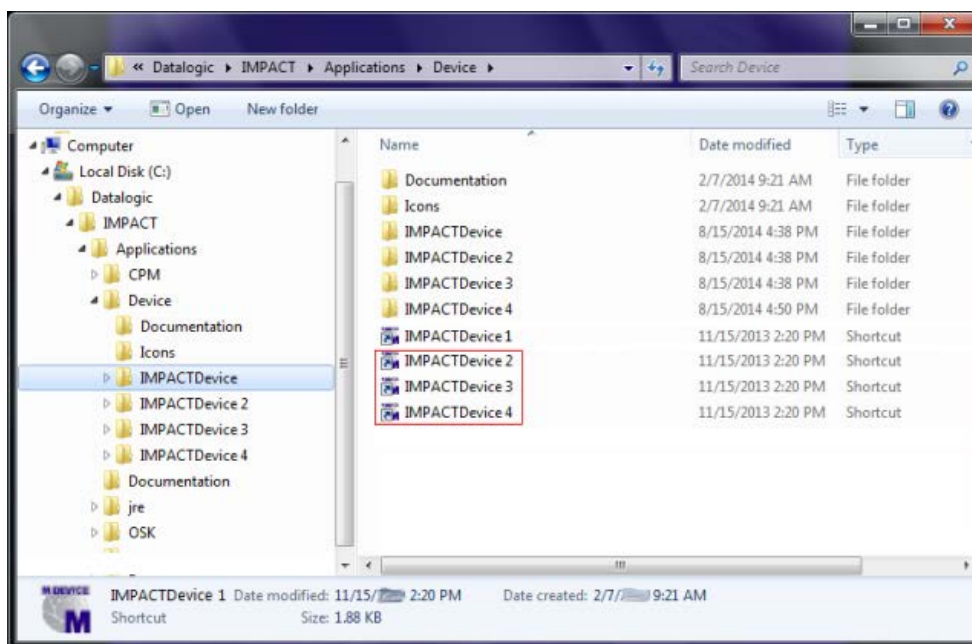
If the update did NOT include additional cameras, skip to the section titled “Verify the HASP Update” on page 6.

Add IMPACTDevice Shortcuts to Startup

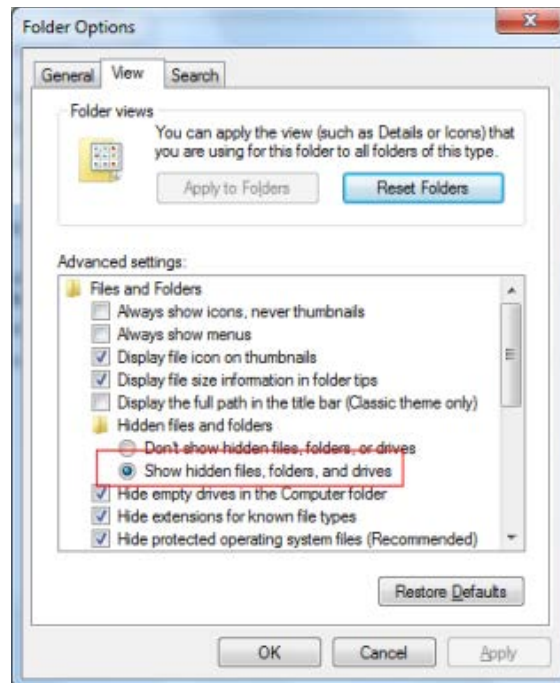
This procedure is required **ONLY** if the HASP key update included adding one or more cameras to the M or MX-U Series Processor. Use the appropriate procedure for the processor operating system.

Windows 7 Operating System

1. Using Windows Explorer, navigate to the following default installation folder:
C:\Datalogic\IMPACT\Applications\Device
2. Select and copy **one or more** of the following shortcuts from the folder, depending on the camera(s) added by the HASP update:
Camera 2 was added: Select and copy IMPACTDevice2
Camera 3 was added: Select and copy IMPACTDevice3
Camera 4 was added: Select and copy IMPACTDevice4



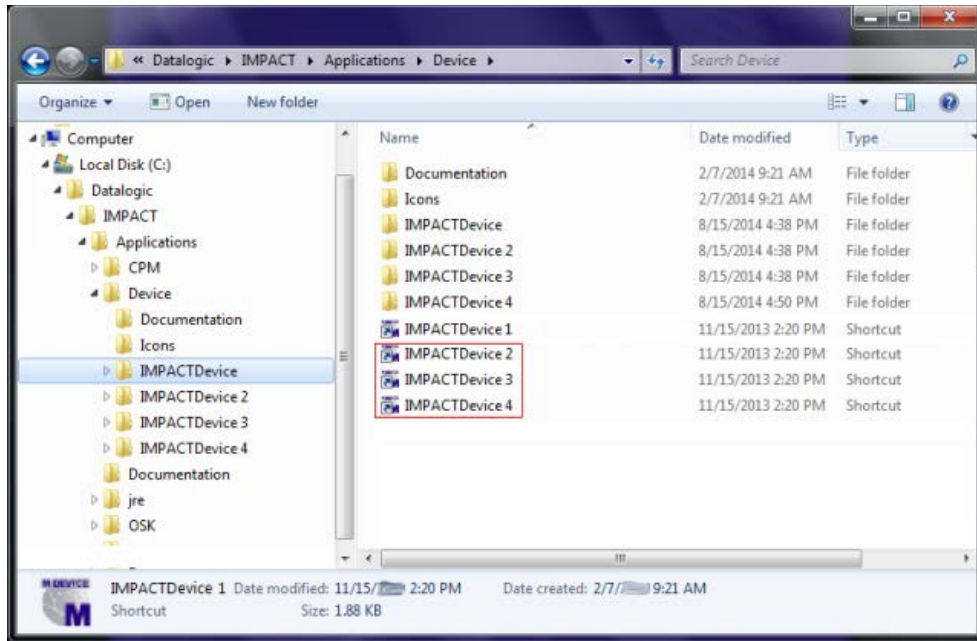
3. Using Windows Explorer, navigate to the following system folder:
C:\ProgramData\Microsoft\Windows\StartMenu\Programs\Startup
(**Note:** If the ProgramData folder is not visible, complete the following steps. If the folder is visible, skip to step 4 below.)



- 3a) In Windows, select Start – Control Panel – Appearance and Personalization – Folder Options – Show Hidden Files and Folders.
- 3b) Select Show Hidden Files and Folders.
- 3c) Click OK.
4. Paste the shortcuts you copied in step 2 into the Startup folder.
5. Continue with the section titled “Verify the HASP Update” on page 6.

Windows XP Operating System

1. Using Windows Explorer, navigate to the following default installation folder:
C:\Datalogic\IMPACT\Applications\Device
2. Select and copy **one or more** of the following shortcuts from the folder, depending on the camera(s) added by the HASP update:
Camera 2 was added: Select and copy IMPACTDevice2
Camera 3 was added: Select and copy IMPACTDevice3
Camera 4 was added: Select and copy IMPACTDevice4



3. Using Windows Explorer, navigate to the following system folder:
C:\Documents and Settings\All Users\Start Menu\Programs\Startup
4. Paste the shortcuts you copied in step 2 into the Startup folder.
5. Continue with the section titled “Verify the HASP Update” below.

Verify the HASP Update

1. In Windows, select Start – Shut Down to shut down the processor.
2. Turn the processor power off for 30 seconds.
3. Turn the processor power on and let Windows restart normally.
4. When the processor restart has finished, start VPM.
5. Click the About button.
6. Click the About Vision Processor button. Any updates that have been applied should be displayed in the licenses section of the dialog.



The update process is complete.

