



Impact System Restoration

**For MX-Series, MX-E Series,
And MX-U Series
Processors**

Revision H

Impact System Restoration

Overview

This document describes how the Restoration Partition on Datalogic M-Series, MX-E Series, and MX-U Series Processors can be used to restore the vision device to its original factory configuration. The M-Series Restoration begins on this page. The MX-E Series and MX-U Series Restoration begins on page 6. The process to modify the Windows User Interface Operating language is part of the Restoration.

WARNING: Completing this process will delete ALL the data on the Processor drive. You should create and maintain a current backup of any data that you cannot replace on the drive before attempting a system Restoration.

THIS SYSTEM RESTORATION WILL NOT RESTORE ANY DATA YOU HAVE ADDED TO THE DRIVE SINCE THE PROCESSOR LEFT THE FACTORY.

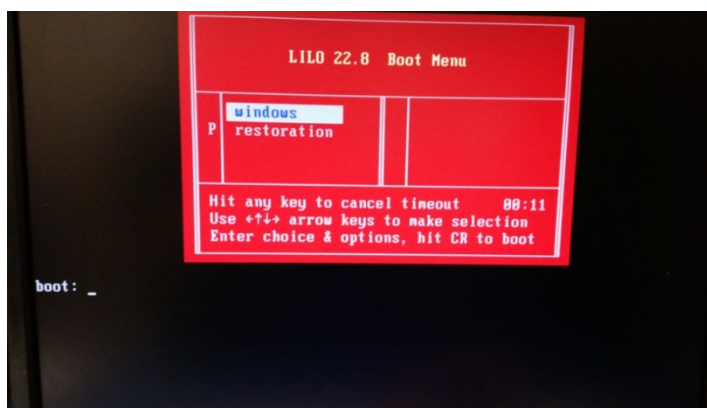
M-Series System Restoration

Introduction

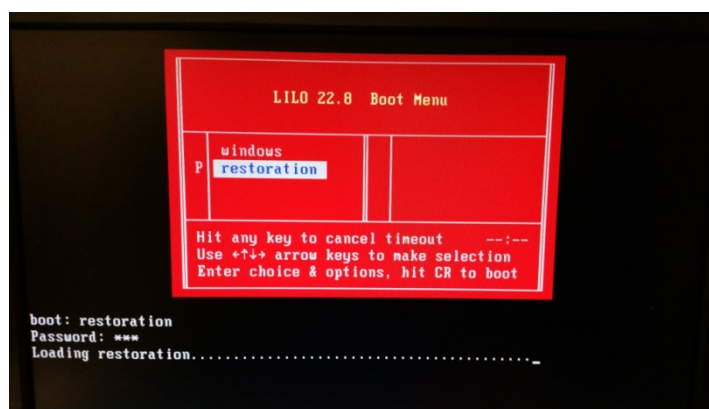
After the M-Series Processor factory configuration was complete, an image was created of the system drive. A copy of this drive image was saved on a separate partition on the processor drive. To restore the system to its factory configuration, load this Restoration Partition onto the primary part of the drive so it can be used. A keyboard must be connected to the processor to complete this process.

To load the M-Series System Restoration image

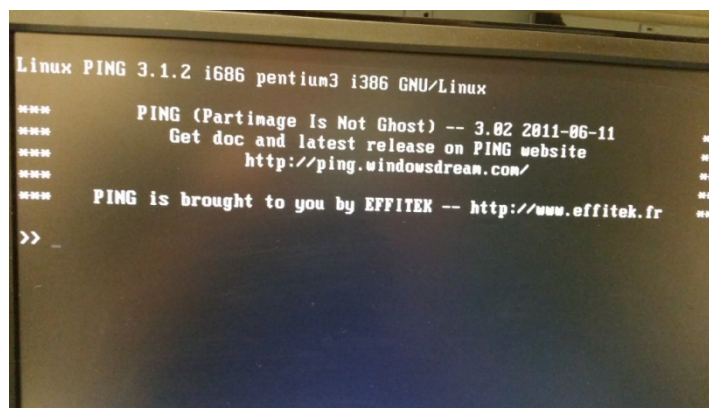
1. Turn off processor power for 30 seconds.
2. Turn on processor power. While the system is restarting, repeatedly press the Ctrl key or the Alt key on the computer keyboard.
3. A menu labeled “Lilo” should appear on the screen after a few seconds. If the prompt does not appear, the system will continue until the Windows restart is complete. If this happens, restart this procedure at step 1.



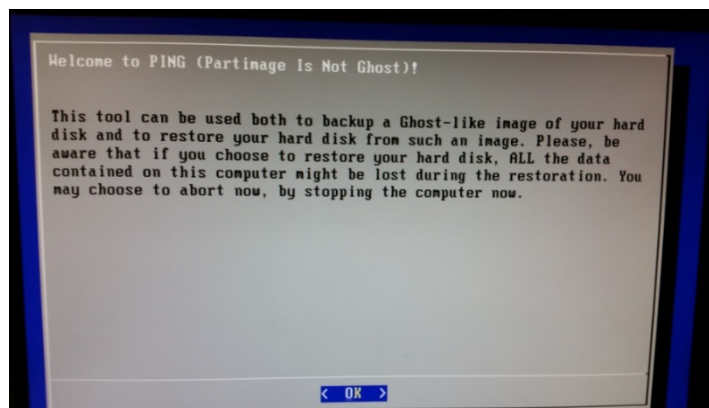
4. When the “Lilo” menu is displayed, use the keyboard arrow keys to select ‘restoration’ from the menu, then press the Enter key.



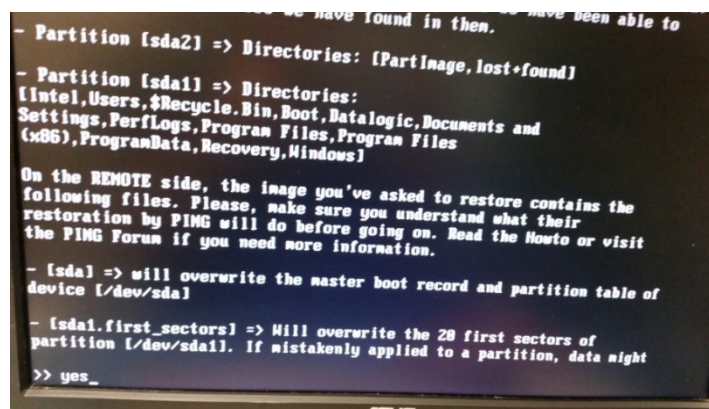
5. When the “Password” prompt is displayed, enter the numbers “123” then press the Enter key.
6. The Loading Restoration and Linux PING Identification screens are displayed sequentially.



7. When the “>>” prompt is displayed, press the Enter key.



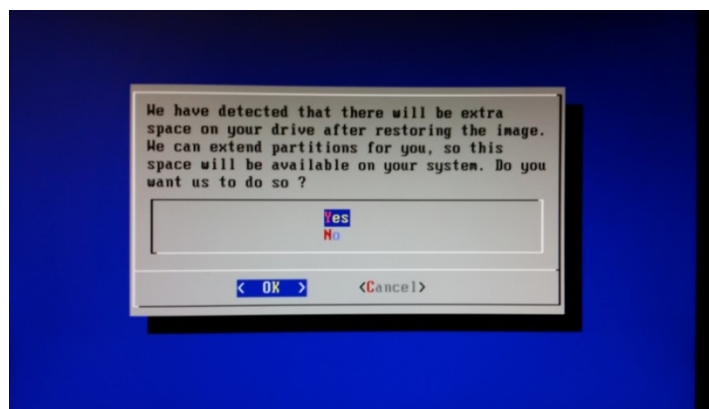
8. A “Welcome to PING” page is displayed with an “OK” prompt. Press the Enter key.
9. A “Warning” page is displayed.



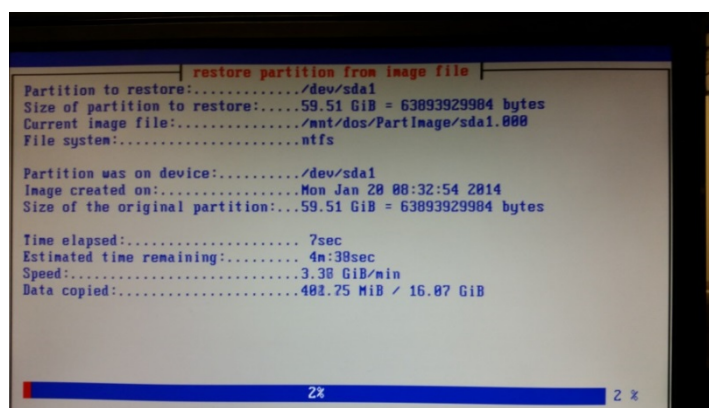
10. When the “Warning” page is complete, another prompt “>>” is displayed.

NOTE: This page is the final warning you will receive before system Restoration takes place. When you continue past this point, ALL the data on the Processor drive is deleted and the drive is restored to the factory state.

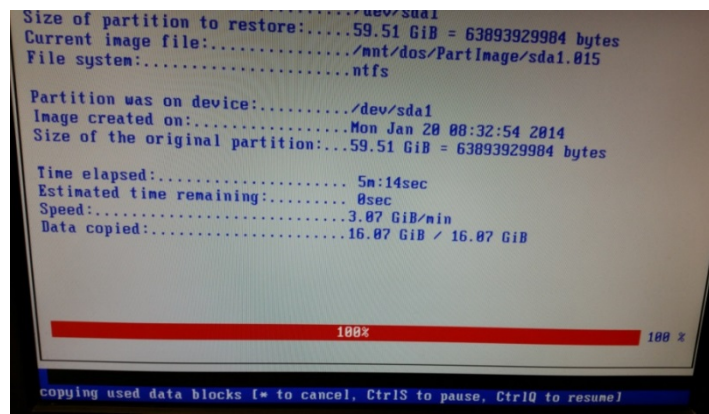
11. To continue with the Restoration, type the word “yes” and press the Enter key.
 To stop the Restoration, type the word “no” and press the Enter key.
 12. If you typed “yes,” a Partition page is displayed.



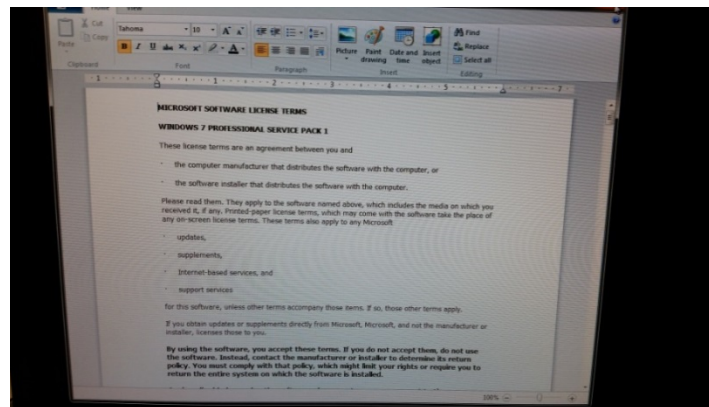
13. Use the keyboard arrow keys to select ‘No’ from the menu, then press Enter.



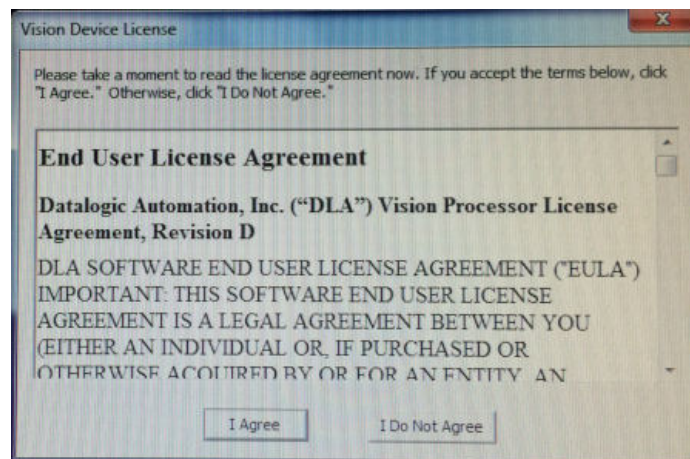
14. The Restoration will format the drive and begin to load the backup image onto the drive.



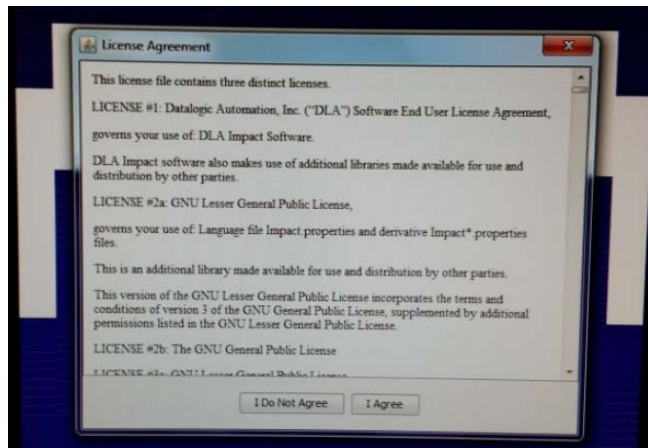
15. After approximately five minutes the system will continue with the Windows restart.



16. A Microsoft Software License is displayed. Scroll to the bottom and follow the directions.



17. The Vision Device End User License is displayed. Click the 'I Agree' button.



18. The first time you double click the 'VPM' icon on the Desktop an Impact 'End User License Agreement' is displayed. Click the 'I Agree' button to finish the Restoration. The processor is now configured exactly as it was when it left the factory.

WARNING: Completing this process will delete ALL the data on the Processor drive.

You should create and maintain a current backup of any data that you cannot replace on the drive before attempting a language change and system Restoration.

THIS SYSTEM RESTORATION WILL NOT RESTORE ANY DATA YOU HAVE ADDED TO THE DRIVE SINCE THE PROCESSOR LEFT THE FACTORY.

MX-E Series and MX-U Series System Restoration

Introduction

After the MX-E Series and MX-U Series Processor factory configuration was complete, an image was created of the system drive. A copy of this drive image was saved on a separate partition on the processor drive. To restore the system to its factory configuration, load this Restoration Partition onto the primary part of the drive so it can be used.

The ability to change the language that the Operating System uses for the User Interface is an integral part of the Restoration process. If you change the language, you must also complete the System Restoration. A keyboard and monitor must be connected to the processor to complete this process.

To load the MX-E Series and MX-U Series System Restoration image

1. Turn off processor power for 30 seconds.
2. Turn on processor power. While the system is restarting, repeatedly press the F8 key on the computer keyboard.
3. The menu displayed in Figure 1 should appear on the screen after a few seconds. If the menu does not appear, the system will continue until the Windows restart is complete. If this happens, restart this procedure at step 1.

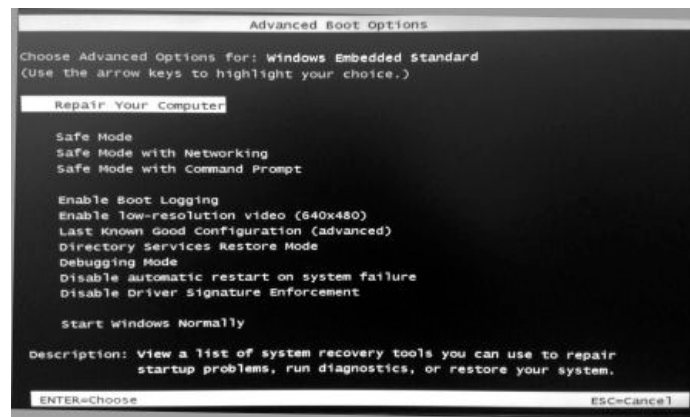


Figure 1

4. Press Enter to choose “Repair Your Computer.” (Figure 1)
5. The message “Windows is Loading Files...” is displayed, followed by the message “Please wait. Instructions will appear in a minute or so.”

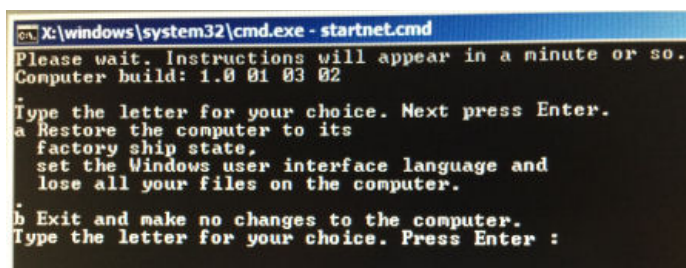


Figure 2

6. When the menu in Figure 2 is displayed, type the lowercase letter “a” then press Enter.

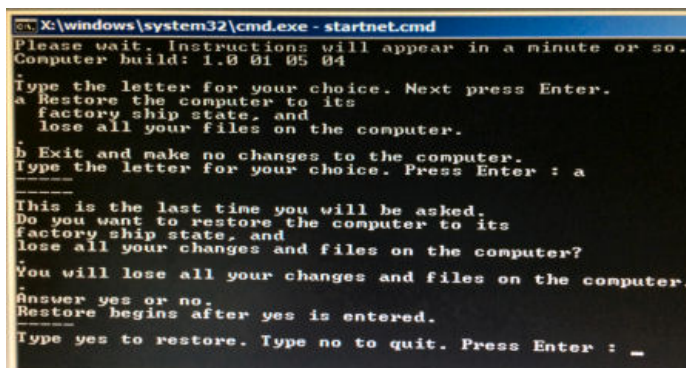


Figure 3

7. In the next menu (Figure 3), you have a final chance to exit the Restoration process without making any changes.
 - a. To continue with the Restoration, type the lowercase word “yes” then press Enter.
 - b. To Exit the Restoration without making any changes, type the lowercase word “no” then press Enter.

NOTE: This page is the final warning you will receive before system Restoration takes place. When you continue past this point, ALL THE DATA ON THE PROCESSOR DRIVE IS DELETED and the drive is restored to the factory state.

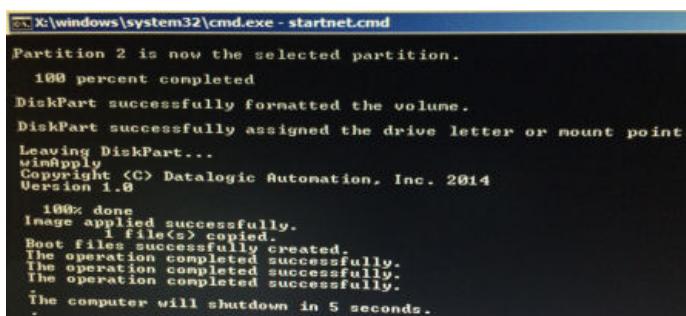


Figure 4

8. If you typed “yes” in the previous step, the Restoration begins, with the progress displayed as seen in Figure 4.
9. When this part of the Restoration is complete, the system shuts down.

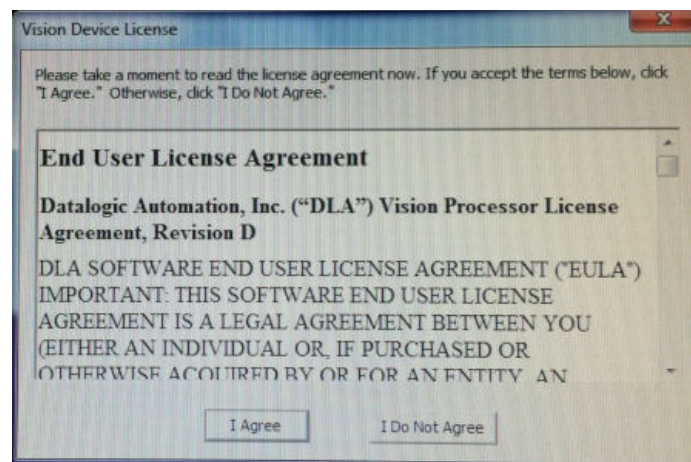


Figure 5

10. Turn on processor power. When the Operating System start is complete, the Vision Device End User License is displayed (Figure 5). Click the I Agree button and the Impact Vision Devices will start.

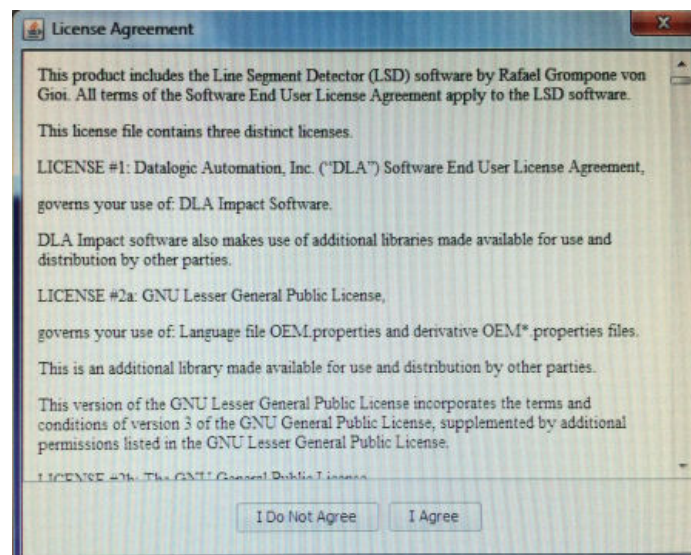


Figure 6

11. The first time you double click the 'VPM' icon on the Desktop an Impact 'End User License Agreement' is displayed (Figure 6). Click the 'I Agree' button to finish the Restoration. The processor is now configured exactly as it was when it left the factory.