



Matrox[®] Maevox[™] 5100 Series Firmware updater

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Graphics for Professionals

Table of contents

1	OVERVIEW	3
1.1	SUPPORTED OPERATING SYSTEMS.....	3
1.2	BEFORE YOU BEGIN	3
2	USING MATROX MAEVEX FIRMWARE UPDATER.....	4
2.1	NOTES AND LIMITATIONS.....	5

1 Overview

Matrox MaeveX Firmware Updater enables you to update the firmware of your Matrox MaeveX product through an intuitive user interface.

Note: Your Matrox MaeveX product may ship with an older firmware version. Before using your MaeveX product, you must update the firmware version installed on your unit to use the latest version.

1.1 Supported operating systems

Matrox MaeveX Firmware Updater supports the following operating systems:

- Windows® 8 (32-bit, 64-bit)
- Windows® Server® 2012
- Windows® 7 (32-bit, 64-bit)
- Windows® Server® 2008 R2

1.2 Before you begin

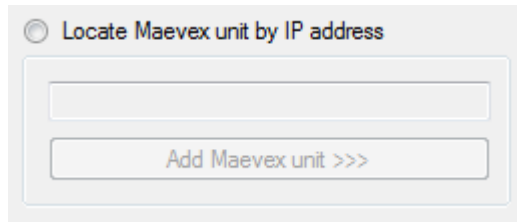
Before you update the firmware on your MaeveX units, read the following guidelines:

- Get the latest firmware version for your Matrox product and extract the files to a local folder on your system (for example, C:\MaeveXFirmwareUpdate). For more information on which firmware version is appropriate for your MaeveX products, contact your Matrox representative.
- Make sure Microsoft .NET Framework version 4.5 is installed on your system.
- Make sure you're using the latest version of Matrox PowerStream software. If an older version of Matrox PowerStream software is installed on your system, uninstall it, then install the latest version of PowerStream before updating your firmware.
- If PowerStream isn't already installed, install the latest version of PowerStream software on your system. The system must be on the MaeveX network before you update the firmware on your MaeveX units.
- Open Matrox PowerStream software to get the IP address for each MaeveX encoder and decoder unit in your setup.
- Stop all encoding and decoding processes on your MaeveX units.

2 Using Matrox MaeveX Firmware Updater

1. Locate your MaeveX unit using either the IP address or PowerStream software

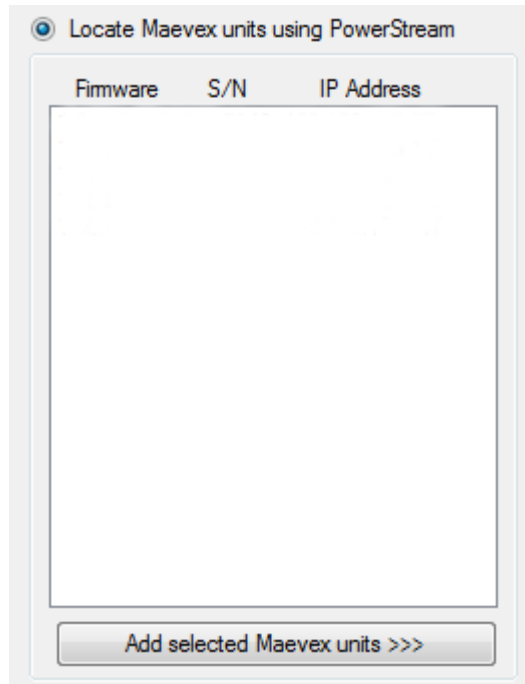
To locate your MaeveX unit using the IP address, select **Locate MaeveX by IP address**, then add the IP address of the MaeveX unit you want to locate.



The screenshot shows a dialog box titled "Locate MaeveX unit by IP address". It features a radio button that is selected. Below the title is a text input field. At the bottom of the dialog is a button labeled "Add MaeveX unit >>>".

When you're done, click **Add MaeveX unit** to add that unit to the list of MaeveX units to update. Repeat this step for all the units you need to update.

You can also locate your MaeveX unit using PowerStream. To locate your MaeveX unit using PowerStream software, select **Locate MaeveX using PowerStream**.



The screenshot shows a dialog box titled "Locate MaeveX units using PowerStream". It features a radio button that is selected. Below the title is a table with three columns: "Firmware", "S/N", and "IP Address". The table is currently empty. At the bottom of the dialog is a button labeled "Add selected MaeveX units >>>".

Manually select the units you want to update. Units that have an older firmware version installed will automatically be selected.

When you're done, click **Add selected MaeveX units** to add one or more units to the list of MaeveX units to update.

To remove one or more units added to the list of Maevev units to update, click **Remove selected Maevev units**.

2. Update the firmware

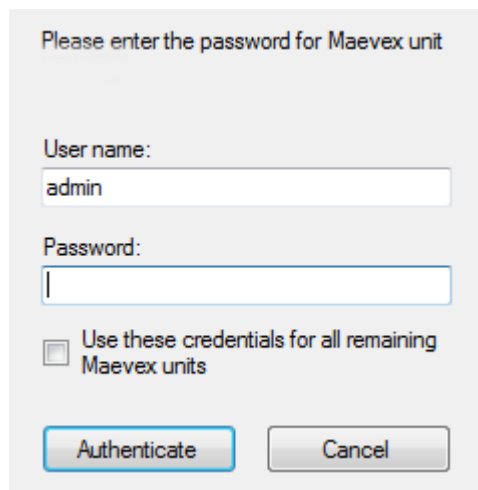
To update units in parallel, enable the **Update units in parallel** check box.

Note: Updating the firmware in parallel is supported only if your Maevev units aren't daisy chained. Updating in parallel while your units are daisy chained may damage your units.

When you're done, click **Update firmware**.

3. Authenticate your selection

If you set a password for your Maevev units, you may be prompted to authenticate your selection. If you're prompted, enter the **User name** and **Password** for the Maevev unit or units selected.



The image shows a dialog box titled "Please enter the password for Maevev unit". It contains two text input fields: "User name:" with the value "admin" and "Password:" which is empty. Below the fields is a checkbox labeled "Use these credentials for all remaining Maevev units" which is currently unchecked. At the bottom are two buttons: "Authenticate" and "Cancel".

If you're updating multiple Maevev units, enable the **Use these credentials for all remaining Maevev units** check box.

When you're done, click **Authenticate**.

Note: If the firmware update is suddenly interrupted (for example, in the event of a network interruption or system crash), the Maevev unit will continue to run in maintenance mode. To recover, re-launch the update utility. The update utility will resume the update.

2.1 Notes and limitations

- PowerStream will discover a unit and return a valid IP address only if:
 - The Maevev units are on the same subnet as PowerStream.

- A DHCP server is running.
- The PowerStream software and the MaeveX firmware versions installed are compatible.
- Updating the firmware for your MaeveX products isn't supported if any of your units are daisy chained.

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