



MASTERCAM 2020 TRANSITION GUIDE

January 2019

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Software: Mastercam 2020

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Be sure you have the latest information!

Information might have changed or been added since this document was published. The latest version of the document is installed with Mastercam or can be obtained from your local Reseller. A ReadMe file (ReadMe.PDF) – installed with each release – includes the latest information about Mastercam features and enhancements.

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INTRODUCTION

The *Mastercam 2020 Transition Guide* is designed to help you update your Mastercam files from previous versions for use in Mastercam 2020. This guide assumes a standard installation with the default folder locations (listed in "[Before You Begin](#)" below). This guide assumes that Mastercam has been installed with the default folder locations. If you need assistance with a non-standard installation, contact your local Mastercam Reseller. Use the information here to migrate your files and get up and running with Mastercam.

Before You Begin

Mastercam 2020 includes a powerful, yet straightforward Migration Wizard. The Migration Wizard has two options you can choose from: **Basic** or **Advanced**. When using the **Basic** option, you select and set the target directories and the destination locations to update the majority of your files to the current version. When using the **Advanced** option, you choose what file types and version types to migrate in addition to selecting and setting the target directories and destination locations. Some of the files migrated by the Migration Wizard are:

- Mastercam part files (*.mcam)
- Defaults files
- Operation and tool libraries
- Control definitions
- Machine definitions
- Post files

Many factors affect the Migration Wizard's processing time. The most significant of these is the number of files you have stored in your personal (.\my mcam2019) and public (.\shared mcam2019) directories. You may choose to relocate your part files to shorten the migration process. You can also choose to migrate files from folders you have created outside of the My mcam2019 and shared mcam2019.

Mastercam Folder Locations

For Mastercam 2020, the folder structures have changed from previous versions. If you have Mastercam and Mastercam for SOLIDWORKS installed, both products now use the same root folder. If you only have one product installed, only that product folder will display in the root folder. You can also choose to migrate files from folders you have created outside of the My mcam2019 and shared mcam2019

Folder name	Contains	Default folder location
My Mastercam 2020	<ul style="list-style-type: none"> • Mastercam • Mastercam for SOLIDWORKS 	C:\Users\User name\Documents
Shared Mastercam 2020	<ul style="list-style-type: none"> • Shared files and folders for all 2020 products. 	C:\Users\Public\Documents
Mastercam 2020	<ul style="list-style-type: none"> • Mastercam • Mastercam for SOLIDWORKS 	C:\Program Files

RUNNING THE MIGRATION WIZARD

Run the Migration Wizard the first time you launch Mastercam 2020 and before you begin to make changes to the Mastercam 2020 setup.

Before running the Migration Wizard, be aware of the following:

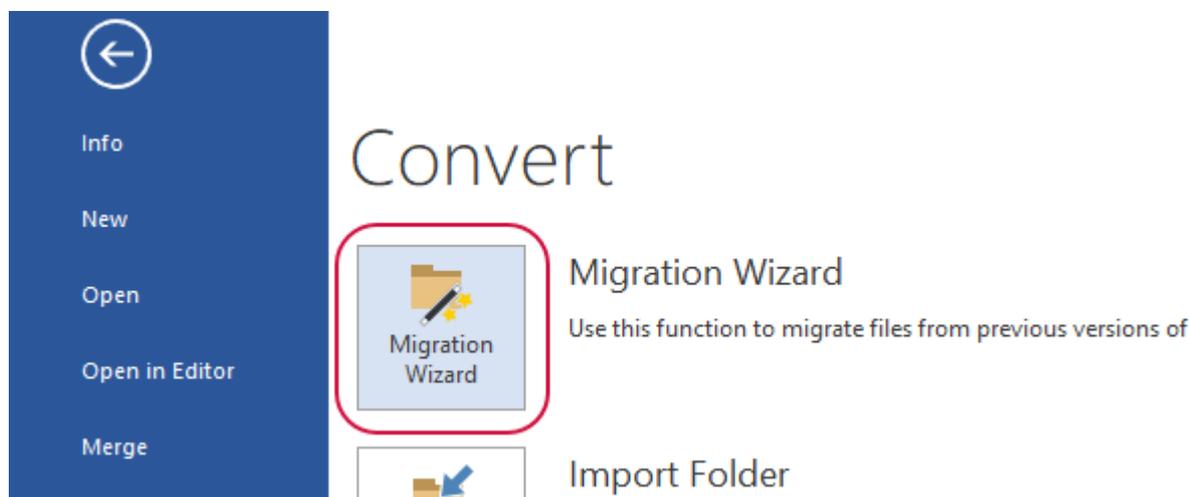
- NC and NCI files are *not* migrated.
- If files have not changed from the originally distributed versions, then they will not be updated to the latest version.
- You can migrate either or both the `my mcam` and the `shared mcam` folders to the current version.
- The `nethasp.ini` can only be processed if you are logged on as an administrator while running the Migration Wizard.

For more information about files that are not migrated by the Migration Wizard, refer to "[Handling Remaining Files](#)" on page 10. If the Migration Wizard encounters any errors, it halts the process until you take appropriate action.

Launching the Migration Wizard

Use the following procedure to launch the Migration Wizard:

1. Launch Mastercam using your preferred method.
2. Select **File, Convert**, and then click **Migration Wizard**.



3. The Migration Wizard displays.

Basic Migration

By selecting the **Basic** option, you will automatically update all Mastercam file types from the previous version to the current version. To migrate files with the **Basic** option, follow the procedure below:

1. Select **Basic** on the **Welcome to the Mastercam Migration Wizard** page.

→ Basic

Use this option to automatically update all Mastercam 2019 file types installed on your system to the Mastercam 2020 format.

2. On the **File Locations** page, do the following:
 - a. Choose the destination folder for the files in the `shared mcam2019` folder.
 - b. Choose the destination folder for the files in the `my mcam2019` folder.

File Locations
Select one or more folder locations for the migration process.

Migrate shared Mastercam files

Source folder:

Destination folder:

Migrate my Mastercam files

Source folder:

Destination folder:

NOTE

You cannot change the **Source folder** for Basic migration. You also do not have to migrate the shared Mastercam files at the same time as your Mastercam files.

3. Click **Next**.
4. Review your choices on the **Finish** page.
5. Once you are satisfied with your selections, click **Finish**.

Advanced Migration

By selecting the **Advanced** option, you can choose which file types to update, as well as file versions. Advanced migration also allows you to migrate folders from any **Source folder**. To update and migrate files with the **Advanced** option, follow the instructions below:

1. Select **Advanced** on the **Welcome to the Mastercam Migration Wizard** page.

→ **Advanced**

Use this option to have control over the location of files, file types, and versions to be migrated.

2. On the **File Locations** page, do the following:
 - a. Select **Migrate shared Mastercam files** and/or **Migrate my Mastercam files**.
 - b. Choose the source folder and destination folder for the files in the `shared mcam2019` folder.
 - c. Choose the source and destination folder for the files in the `my mcam2019` folder.

File Locations
Select one or more folder locations for the migration process.

Migrate shared Mastercam files

Source folder:

Include subfolders

Destination folder:

Migrate my Mastercam files

Source folder:

Include subfolders

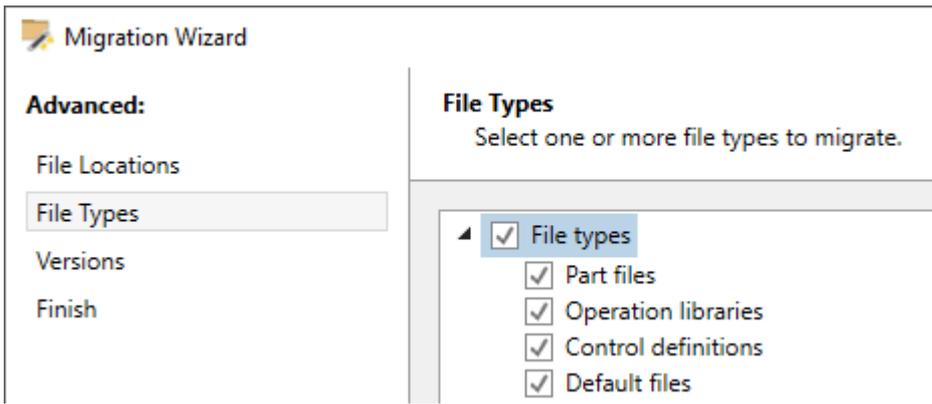
Destination folder:

NOTE

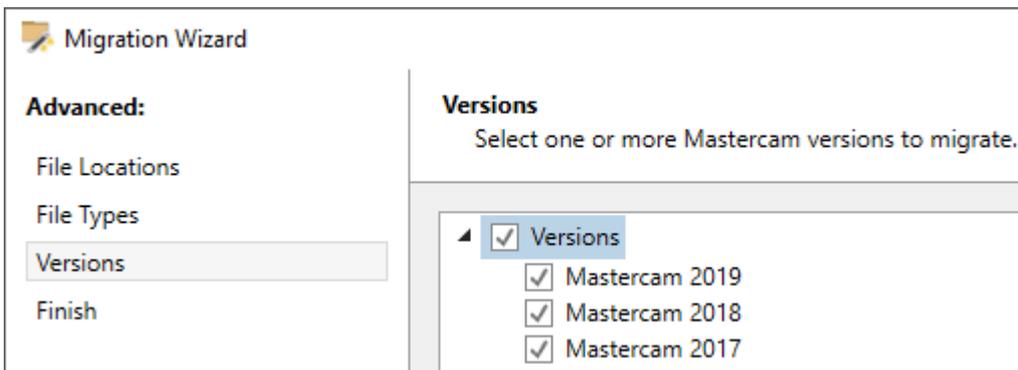
You can also include or exclude subfolders by selecting or deselecting the checkbox.

3. Click **Next**.

4. On the **File Types** page, select file types you want to migrate. Then, click **Next**.



5. On the **Versions** page, select the Mastercam file versions you want to migrate. Then, click **Next**.



NOTE

Mastercam only supports three versions older than the current version.

6. Review your selections on the **Completing the Migration Process** page.
7. Once you are satisfied with your selections, click **Finish**.

HANDLING REMAINING FILES

Certain files are not migrated through the wizard and must be manually copied into the Mastercam 2020 structure. These include the following files:

CIMCO Machine Files

In order to copy files into your Mastercam 2020 installation you must be logged in as an administrator. If you are running or logged in as an administrator, CIMCO Machine files are located under your `... \Program Files \mcam2019 \common \Editors \CIMCOEdit7 \Machines` folder. Copy all of the files with an `*.mch` extension from the Mastercam 2019 location to the Mastercam 2020 location as shown below:

```
... \Program Files \Mastercam 2020 \Mastercam \common \Editors \CIMCOEdit8 \Machines
```

NOTE

If you are not running or logged in as an administrator, CIMCO Machine files are located under your `C:\Users\<username>\AppData` folder. The exact location and folder structure may vary, and AppData may be a hidden folder. Please contact your IT department if you cannot find the folder.

SOLIDWORKS files

SOLIDWORKS files (.SLDPRT, .SLDASM) including those with Mastercam toolpath data and stored in the `my_mcam` and the `shared_mcam` folder are not migrated by the utility. You must manually copy these files from their location in the Mastercam 2019 structure to a corresponding location in the Mastercam 2020 directory.

NetHASP.ini

If the `NetHASP.ini` was configured in your previous version of Mastercam, copy it from its 2019 location to the Mastercam 2020 location.

```
... \Program Files \mcam 2019 to ... \Program Files \Mastercam 2020 \Mastercam
```

You must have administrator permissions to move this file.

Miscellaneous Files

Miscellaneous files include:

- Graphics files (JPG, BMP, etc.)
- NC and NCI files
- Native format files from other applications (DWG, STL, etc.)

Copy these file types from their location in the Mastercam 2019 structure to a corresponding location within the Mastercam 2020 structure. They do not need to run through any kind of update process.

This should complete your transition to the latest version of Mastercam. Launch Mastercam 2020 and enjoy the upgrades and enhancements.

IF YOU NEED MORE HELP

For assistance with installing Mastercam 2020, licensing, or to obtain more information on using Mastercam 2020, contact your local Mastercam Reseller. If your Mastercam Reseller is unavailable, you can call CNC Technical Support Monday through Friday, 8:00 a.m.–5:30 p.m., USA Eastern Standard Time. When calling CNC Software, Inc. for technical support, please follow these guidelines:

- Be sure you have already tried to contact your Mastercam Reseller.
- Provide the serial number of your HASP, NetHASP, or software license.
- Be ready to describe the problem in detail. Write down what happened, particularly if you cannot call immediately after the problem occurs.
- Be in front of your computer when you call.
- If possible, try to duplicate the problem before calling. Our Support Services technician may require you to duplicate the problem while you are on the phone.
- When you call, have ready a complete description of your hardware, including your operating system (OS), central processing unit (CPU), graphics card and settings, and memory.

You can also leave a message twenty-four hours a day, seven days a week via our email or website addresses. When sending email, please include:

- The serial number of your HASP, NetHASP, or software license
- Telephone number and contact information where you can be reached
- Files required to reproduce an issue

Use Mastercam's Zip2Go utility to gather and compress open part data into a ZIP file. This utility makes it easy to provide your Mastercam Reseller or CNC Software, Inc. with a file attachment that contains the information they need. Zip2Go scans the machine groups in your current file and captures information such as your machine groups, configuration files, post files, tool and material libraries and toolpath files. For more information on using Zip2Go, please refer to the Mastercam Help.

Important Contact Information

Address	CNC Software, Inc. 671 Old Post Road Tolland, Connecticut, 06084-9970 USA
Phone	+1 860-875-5006
Fax	(860) 872-1565
Mastercam Knowledge Base	http://kb.mastercam.com
Mastercam Forum	http://forum.mastercam.com
Website	http://www.mastercam.com
Email	support@mastercam.com

Mastercam Resources

Enhance your Mastercam experience by using the following resources:

- *Mastercam Documentation*—Mastercam installs a number of helpful documents for your version of software in the Documentation folder of your Mastercam 2020 installation.
- *Mastercam Help*—Access Mastercam Help by selecting **Help, Contents** from Mastercam's **File** tab or by pressing **[Alt+H]** on your keyboard.
- *Mastercam Reseller*—Your local Mastercam Reseller can help with most questions about Mastercam.
- *Technical Support*—Our Technical Support department (+1 860-875-5006 or support@mastercam.com) is open Monday through Friday from 8:00 a.m. to 5:30 p.m. USA Eastern Standard Time.
- *Mastercam Tutorials*—We offer a series of tutorials to help registered users become familiar with basic Mastercam features and functions. Visit our website, or select **Help, Tutorials** from Mastercam's **File** tab to see the latest publications.
- *Mastercam University*—Mastercam University, an affordable online learning platform, gives you 24/7 access to Mastercam training materials. Take advantage of more than 180 videos to master skills at your own pace and help prepare for Mastercam Certification. For more information on Mastercam University, please contact your Authorized Mastercam Reseller, visit university.mastercam.com/, or email training@mastercam.com.
- *Online Communities*—You can find a wealth of information at www.mastercam.com.
 - Follow us on Facebook (www.facebook.com/Mastercam), Twitter (twitter.com/Mastercam), and Instagram (www.instagram.com/mastercamcadcam/) for the latest tech tips and Mastercam news.
 - See Mastercam in action on YouTube (www.youtube.com/user/MastercamCadCam).
 - For more information on CNC Software, Inc., to find and apply to jobs, and connect with people using Mastercam, visit us on LinkedIn (www.linkedin.com/company/cnc-software/).
 - Registered users can search for information or ask questions on the Mastercam Web forum, forum.mastercam.com, or use the Mastercam Knowledgebase at kb.mastercam.com.

Contact Us

For questions about this or other Mastercam documentation, contact the Technical Documentation department by email at techdocs@mastercam.com.

**ATTENTION! UPDATES MAY BE AVAILABLE.
PLEASE REFER TO [MASTERCAM.COM/SUPPORT](https://www.mastercam.com/support)
FOR THE LATEST DOWNLOADS.**

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