

How to use silent installations

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Problem

How can Mastercam be deployed silently?

Solution

Mastercam 2023 Initial Release

Copy Mastercam2023-web.exe to a local folder. For example: C:\SilentInstall
Open a command prompt using the right-click Run as administrator option.
Change directory (cd) to the local folder. For example: cd C:\SilentInstall

Type this command:

```
Mastercam2023-web.exe -sp"/silent /action=<install or uninstall>  
/language=<language*> /languagepackpath=<path>  
<custom options here>"
```

- For the *<custom options here>* section, you can add any of the following:
- /CNC_DEST_DIR=C:\Program Files\Mastercam 2023 (default)
- /CNC_UNIT_TYPE=M (metric) or I (Inch, default)
- /CNC_SIM_TYPE=N (NetHASP) or H (HASP, default)
- /CNC_INSTALL_MACHSIM=Y (default) or N
- /CNC_SHAREDDEFAULTS=C:\Users\Public\Documents\Shared Mastercam 2023(default)

Note: Do not enclose property values with quotes, even if a property value contains spaces.

Example with unique destination folder, metric units, NetHASP, and language:

```
Mastercam2023-web.exe -sp"/silent /action=install /language=es  
/languagepackpath=c:\languagepacks /CNC_DEST_DIR=C:\Program  
Files\Mastercam 2023 /CNC_UNIT_TYPE=M /CNC_SIM_TYPE=N" /qn
```

Note: The language value must be a country code. Please see the chart below for the complete list of languages, and their corresponding country codes, that are currently supported in Mastercam 2023.

LANGUAGE	DECIMAL CODE	COUNTRY CODE
Traditional Chinese	1028	zh-TW
Czech	1029	cs-CZ
German	1031	de
English	1033	en
Finnish	1035	fi
French	1036	fr
Italian	1040	it
Japanese	1041	ja-JP
Korean	1042	ko-KR
Polish	1045	pl-PL
Brazilian Portuguese	1046	pt-BR
Russian	1049	ru-RU
Swedish	1053	sv
Turkish	1055	tr
Estonian	1061	et
Simplified Chinese	2052	zh-CN
Spanish / International	3082	es

Mastercam 2022 Initial Release

Copy Mastercam2022-web.exe to a local folder. For example: C:\SilentInstall
 Open a command prompt using the right-click Run as administrator option.
 Change directory (cd) to the local folder. For example: cd C:\SilentInstall

Type this command:

```
Mastercam2022-web.exe -sp"/silent /action=<install or uninstall>
/language=<language*>
<custom options here>"
```

- For the *<custom options here>* section, you can add any of the following:
- /CNC_DEST_DIR=C:\Program Files\Mastercam 2022 (default)
- /CNC_UNIT_TYPE=M (metric) or I (Inch, default)
- /CNC_SIM_TYPE=N (NetHASP) or H (HASP, default)
- /CNC_INSTALL_MACHSIM=Y (default) or N
- /CNC_SHAREDDEFAULTS=C:\Users\Public\Documents\Shared Mastercam 2022(default)

Note: Do not enclose property values with quotes, even if a property value contains spaces.

Example with unique destination folder, metric units, NetHASP, and language:

```
Mastercam2022-web.exe -sp"/silent /action=install /language=en  
/CNC_DEST_DIR=C:\Program Files\Mastercam 2022 /CNC_UNIT_TYPE=M  
/CNC_SIM_TYPE=N" /qn
```

Note: The language value must be a country code. Please see the chart below for the complete list of languages, and their corresponding country codes, that are currently supported in Mastercam 2022.

LANGUAGE	DECIMAL CODE	COUNTRY CODE
Traditional Chinese	1028	zh-TW
Czech	1029	cs-CZ
German	1031	de
English	1033	en
Finnish	1035	fi
French	1036	fr
Italian	1040	it
Japanese	1041	ja-JP
Korean	1042	ko-KR
Polish	1045	pl-PL
Brazilian Portuguese	1046	pt-BR
Russian	1049	ru-RU
Swedish	1053	sv
Turkish	1055	tr
Estonian	1061	et
Simplified Chinese	2052	zh-CN
Spanish / International	3082	es

Mastercam 2022 Update Patches

There are two options when installing Mastercam 2022 update patches - with and without notification that the patch is finished.

With notification:

```
<patch file .exe> /s /v "/qb"
```

```
Example with notification for 2022 Update 1: mastercam2022-Update1-patch.exe  
/s /v "/qb"
```

Without notification:

<patch file .exe> /s /v "/qn"

Example without notification for 2022 Update 1: mastercam2022-Update1-patch.exe /s /v "/qn"

Mastercam 2020 Initial Release (2021 uses the same steps)

Copy Mastercam2020-x64-mastercam-web.exe to a local folder. For example: C:\SilentInstall

Open a command prompt using the right-click Run as administrator option. Change directory (cd) to the local folder. For example: cd C:\SilentInstall

Type this command:

Mastercam2020-x64-mastercam-web.exe -sp"/silent /action=<install or uninstall> /language=<language*>
<custom options here>"

- For the *<custom options here>* section, you can add any of the following:
- /CNC_DEST_DIR=C:\Program Files\Mastercam 2020 (default)
- /CNC_UNIT_TYPE=M (metric) or I (Inch, default)
- /CNC_SIM_TYPE=N (NetHASP) or H (HASP, default)
- /CNC_INSTALL_MACHSIM=Y (default) or N
- /CNC_SHAREDDEFAULTS=C:\Users\Public\Documents\Shared Mastercam 2020(default)

Note: Do not enclose property values with quotes, even if a property value contains spaces.

Example with unique destination folder, metric units, NetHASP, and language:

Mastercam2020-x64-mastercam-web.exe -sp"/silent /action=install
/language=de-DE /CNC_DEST_DIR=C:\Program Files\Mastercam 2020
/CNC_UNIT_TYPE=M /CNC_SIM_TYPE=N" /qn

Note: The language value must be a country code. Please see the chart below for the complete list of languages, and their corresponding country codes, that are currently supported in Mastercam 2020.

LANGUAGE	DECIMAL CODE	COUNTRY CODE
Traditional Chinese	1028	zh-TW
Czech	1029	cs-CZ
Danish	1030	da-DK
German	1031	de-DE
English	1033	en-US
Finnish	1035	fi-FI
French	1036	fr-FR
Hungarian	1038	hu-HU
Italian	1040	it-IT
Japanese	1041	ja-JP
Korean	1042	ko-KR
Polish	1045	pl-PL
Brazilian Portuguese	1046	pt-BR
Russian	1049	ru-RU
Swedish	1053	sv-SE
Turkish	1055	tr-TR
Estonian	1061	et-EE
Simplified Chinese	2052	zh-CN
Spanish / International	3082	es-ES

Mastercam 2020 Update Patches (2021 uses the same steps)

There are two options when installing Mastercam 2020 update patches – with and without notification that the patch is finished.

With notification:

<patch file .exe> /s /v "/qb"

Example with notification for 2020 Update 1: mastercam2020-Update1-patch.exe /s /v "/qb"

Without notification:

<patch file .exe> /s /v "/qn"

Example without notification for 2020 Update 1: mastercam2020-Update1-patch.exe /s /v "/qn"

Mastercam 2019

Copy Mastercam2019-mastercam-web.exe to a local folder. For example:

C:\SilentInstall

Open a command prompt using the right-click Run as administrator option.

Change directory (cd) to the local folder. For example: cd C:\SilentInstall

Type this command:

```
Mastercam2019-mastercam-web.exe -sp"/silent /action=<install or uninstall>  
/language=<language*>  
<custom options here>"
```

- For the *<custom options here>* section, you can add any of the following:
- /CNC_DEST_DIR=C:\Program Files\mcam2019 (default)
- /CNC_UNIT_TYPE=M (metric) or I (Inch, default)
- /CNC_SIM_TYPE=N (NetHASP) or H (HASP, default)
- /CNC_INSTALL_MACHSIM=Y (default) or N
- /CNC_SHAREDDEFAULTS=C:\Users\Public\Documents\shared mcam2019 (default)

Note: Do not enclose property values with quotes, even if a property value contains spaces.

Example with unique destination folder, metric units, NetHASP, and language:

```
Mastercam2019-mastercam-web.exe -sp"/silent /action=install /language=de-  
DE /CNC_DEST_DIR=C:\Program Files\Mastercam2019 /CNC_UNIT_TYPE=M  
/CNC_SIM_TYPE=N" /qn
```

Note: The language value must be a country code. Please see the chart below for the complete list of languages, and their corresponding country codes, that are currently supported in Mastercam 2019.

LANGUAGE	DECIMAL CODE	COUNTRY CODE
Traditional Chinese	1028	zh-TW
Czech	1029	cs-CZ
Danish	1030	da-DK
German	1031	de-DE
English	1033	en-US
Finnish	1035	fi-FI
French	1036	fr-FR
Hungarian	1038	hu-HU
Italian	1040	it-IT
Japanese	1041	ja-JP
Korean	1042	ko-KR
Polish	1045	pl-PL
Brazilian Portuguese	1046	pt-BR
Russian	1049	ru-RU
Swedish	1053	sv-SE
Turkish	1055	tr-TR
Estonian	1061	et-EE
Simplified Chinese	2052	zh-CN
Spanish / International	3082	es-ES

Mastercam 2018

Copy Mastercam2018-mastercam-web.exe to a local folder. For example:

C:\SilentInstall

Open a command prompt using the right-click Run as administrator option.

Change directory (cd) to the local folder. For example: cd C:\SilentInstall

Type this command:

```
Mastercam2018-mastercam-web.exe -sp"/silent /action=<install or uninstall>
/language=<language*>
<custom options here>"
```

- For the *<custom options here>* section, you can add any of the following:
- /CNC_DEST_DIR=C:\Program Files\mcam2018 (default)
- /CNC_UNIT_TYPE=M (metric) or I (Inch, default)
- /CNC_SIM_TYPE=N (NetHASP) or H (HASP, default)

- /CNC_INSTALL_MACHSIM=Y (default) or N
- /CNC_SHAREDDEFAULTS=C:\Users\Public\Documents\shared mcam2018 (default)

Note: Do not enclose property values with quotes, even if a property value contains spaces.

Example with unique destination folder, metric units, NetHASP, and language:

```
Mastercam2018-mastercam-web.exe -sp"/silent /action=install /language=de-DE /CNC_DEST_DIR=C:\Program Files\Mastercam2018 /CNC_UNIT_TYPE=M /CNC_SIM_TYPE=N" /qn
```

Note: The language value must be a country code. Please see the chart below for the complete list of languages, and their corresponding country codes, that are currently supported in Mastercam 2018.

LANGUAGE	DECIMAL CODE	COUNTRY CODE
Traditional Chinese	1028	zh-TW
Czech	1029	cs-CZ
Danish	1030	da-DK
German	1031	de-DE
English	1033	en-US
Finnish	1035	fi-FI
French	1036	fr-FR
Hungarian	1038	hu-HU
Italian	1040	it-IT
Japanese	1041	ja-JP
Korean	1042	ko-KR
Polish	1045	pl-PL
Brazilian Portuguese	1046	pt-BR
Russian	1049	ru-RU
Swedish	1053	sv-SE
Turkish	1055	tr-TR
Estonian	1061	et-EE
Simplified Chinese	2052	zh-CN
Spanish / International	3082	es-ES

Mastercam 2017 Update 1

There are two options when installing Update 1 – with and without notification that the patch is finished.

With notification:

```
mastercam2017-Update1-patch.exe /s /v"/qb"
```

Without notification:

```
mastercam2017-Update1-patch.exe /s /v"/qn"
```

Mastercam 2017

Copy Mastercam2017-mastercam-web.exe to a local folder. For example:

```
C:\SilentInstall
```

Open a command prompt using the right-click Run as administrator option.

Change directory (cd) to the local folder. For example: cd C:\SilentInstall

Type this command:

```
Mastercam2017-mastercam-web.exe -sp"/silent /action=<install or uninstall>  
/language=<language*>  
<custom options here>"
```

- For the *<custom options here>* section, you can add any of the following:
- /CNC_DEST_DIR=C:\Program Files\mcam2017 (default)
- /CNC_UNIT_TYPE=M (metric) or I (Inch, default)
- /CNC_SIM_TYPE=N (NetHASP) or H (HASP, default)
- /CNC_INSTALL_MACHSIM=Y (default) or N
- /CNC_SHAREDDEFAULTS=C:\Users\Public\Documents\shared mcam2017 (default)

Note: The custom options are the same as option 1 with the exception that you do not put quotes around the property values. This holds true even if you have a space in a particular property value.

Note: The language option is only necessary if your setup supports more than one language.

Example with unique destination folder, metric units, NetHASP, and language:

```
Mastercam2017-mastercam-web.exe -sp"/silent /action=install  
/language=german /CNC_DEST_DIR=C:\Program Files\Mastercam2017  
/CNC_UNIT_TYPE=M /CNC_SIM_TYPE=N" /qn
```

Mastercam X9 Updates

Mastercam X9 updates require you to have a specific version of Mastercam X9 already installed. See the table below for more information.

Update Name	Mastercam X9 Version Required For Install
mastercamX9-Update1.exe	RTM (18.0.11898.0)
mastercamX9-Update2.exe	RTM (18.0.11898.0)or Update1 (18.0.14020.0)
mastercamX9-Update3.exe	Update2(18.0.15514.0)

Open a command prompt using the right-click **Run as administrator** option. Type the following command:

```
mastercamx9-update<#>.exe /s /v"/qb"
```

Note: Replace "<#>" with the update number, ie: "1," "2," "3," etc.

Mastercam X9

From the DVD, copy \data\mastercam\Mastercam_Installer.msi to a local folder. For example: C:\SilentInstall

Open a command prompt using the right-click **Run as administrator** option. Change directory (cd) to the local folder. For example: cd C:\SilentInstall

Type this command:

```
msiexec /i Mastercam_Installer.msi <custom options here>/qn
```

For the <custom options here> section, you can add any of the following:

- CNC_DEST_DIR="C:\Program Files\mcamX9" (default)
- CNC_UNIT_TYPE="M" (metric) or "I" (Inch, default)
- CNC_SIM_TYPE="N" (NetHASP) or "H" (HASP, default)
- CNC_INSTALL_MACHSIM="Y" (default) or "N"
- CNC_SHAREDDEFAULTS="C:\Users\Public\Documents\shared mcamx9" (default)

Example with unique destination folder, metric units, and NetHASP:

```
msiexec /i Mastercam_Installer.msi CNC_DEST_DIR="C:\Program Files\MastercamX9" CNC_UNIT_TYPE="M" CNC_SIM_TYPE="N" /qn
```

Option 2:

Copy MastercamX9-x64-mastercam-web.exe to a local folder. For example: C:\SilentInstall

Open a command prompt using the right-click Run as administrator option. Change directory (cd) to the local folder. For example: cd C:\SilentInstall

Type this command:

```
MastercamX9-x64-mastercam-web.exe -sp"/silent /action=<install or uninstall>
```

/language=<language*>
<custom options here>"

- For the <custom options here> section, you can add any of the following:
- /CNC_DEST_DIR=C:\Program Files\mcamX9 (default)
- /CNC_UNIT_TYPE=M (metric) or I (Inch, default)
- /CNC_SIM_TYPE=N (NetHASP) or H (HASP, default)
- /CNC_INSTALL_MACHSIM=Y (default) or N
- /CNC_SHAREDDEFAULTS=C:\Users\Public\Documents\shared mcamx9 (default)

Note: The custom options are the same as option 1 with the exception that you do not put quotes around the property values. This holds true even if you have a space in a particular property value.

* The language option is only necessary if your setup supports more than one language.

Example:

```
MastercamX9-x64-mastercam-web.exe -sp"/silent /action=install  
/language=german /CNC_DEST_DIR=C:\Program Files\MastercamX9  
/CNC_UNIT_TYPE=M /CNC_SIM_TYPE=N"
```

Mastercam X8

From the DVD, copy \data\mastercam\Mastercam_Installer.msi to a local folder.
For example: C:\SilentInstall

Open a command prompt using the right-click **Run as administrator** option.
Change directory (cd) to the local folder. For example: cd C:\SilentInstall

Type this command:

```
msiexec /i Mastercam_Installer.msi <custom options here> /qn
```

For the <custom options here> section, you can add any of the following:

- CNC_DEST_DIR="C:\Program Files\mcamX8" (default)
- CNC_UNIT_TYPE="M" (metric) or "I" (Inch, default)
- CNC_SIM_TYPE="N" (NetHASP) or "H" (HASP, default)
- CNC_INSTALL_MACHSIM="Y" (default) or "N"
- CNC_SHAREDDEFAULTS="C:\Users\Public\Documents\shared mcamx8" (default)

Example with unique destination folder, metric units, and NetHASP:
msiexec /i Mastercam_Installer.msi CNC_DEST_DIR="C:\Program Files\MastercamX8" CNC_UNIT_TYPE="M" CNC_SIM_TYPE="N" /qn

Mastercam X7

Copy the folder (\x64\data\Mastercam or \X86\data\Mastercam) to a local folder. For example: C:\SilentInstall

Open a command prompt window.

Change directory (cd) to the local folder. For example: cd C:\SilentInstall

Type this command:

```
Msiexec /i "Mastercam Installer.msi" <custom options here> /q
```

For the <custom options here> section you can add any of the following:

- CNC_DEST_DIR="C:\Program Files\mcamx7" (default)
- ALLUSERS="1" (all users, default) or "2" (current user)
- USERNAME="<user>"
- COMPANYNAME="<company name>"
- CNC_UNIT_TYPE="M" (metric) or "I" (Inch, default)
- CNC_SIM_TYPE="N" (NetHASP) or "H" (for HASP, default)
- CNC_INSTALL_MACHSIM="Y" (default) or "N"
- CNC_SHAREDDEFAULTS="C:\Users\Public\Public Documents\shared mcamx7" (default)

Examples:

Inch with HASP:

```
Msiexec /i "Mastercam Installer.msi" ALLUSERS="1" USERNAME="red"  
COMPANYNAME="CNC Software" CNC_UNIT_TYPE="I" CNC_SIM_TYPE="H" /q
```

Metric with NetHASP:

```
Msiexec /i "Mastercam Installer.msi" ALLUSERS="1" USERNAME="red"  
COMPANYNAME="International Company" CNC_UNIT_TYPE="M"  
CNC_SIM_TYPE="N" /q
```

Mastercam X7 MU1 and X7 MU2

Download the update file (mastercamx7-mu1-x64-web.exe or mastercamx7-mu1-x86-web.exe) to a local folder. For example: C:\SilentInstall

Open a command prompt window.

Change directory (cd) to the local folder. For example: cd C:\SilentInstall

Type this command:

```
mastercamX7-x64-web.exe /s /v"/qn REBOOT=ReallySuppress /norestart"
```

Mastercam X6

Copy the folder (\x64\data\Mastercam X6) to a local folder. For example:
C:\SilentInstall

Open a command prompt window.

Change directory (cd) to the local folder. For example: cd C:\SilentInstall

Type this command:

```
Msiexec /i "Mastercam Installer.msi" <custom options here> /q
```

For the <custom options here> section you can add any of the following:

- INSTALLDIR="C:\Program Files\mcamx6"
- ALLUSERS="1" (all users) or "2" (current user)
- USERNAME="<user>"
- COMPANYNAME="<company name>"
- CNC_UNIT_TYPE="M" (metric) or "I" (Inch)
- CNC_SIM_TYPE="N" (NetHASP) or "H" (for HASP)
- CNC_INSTALL_MACHSIM="Y"

For example:

```
Msiexec /i "Mastercam Installer.msi" INSTALLDIR="C:\Program Files\mcamx6"  
ALLUSERS="1" USERNAME="red" COMPANYNAME="CNC Software"  
CNC_UNIT_TYPE="I" CNC_SIM_TYPE="H" CNC_INSTALL_MACHSIM="Y" /q
```

Mastercam X6 MU1

Copy the update file (X6MU1Update-64bit.exe) to a local folder. For example:
C:\SilentInstall

Open a command prompt window.

Change directory (cd) to the local folder. For example: cd C:\SilentInstall

Type this command:

```
X6MU1Update-64bit.exe silent
```

Mastercam X6 MU2

Copy the update file (X6MU2Update-64bit.exe) to a local folder. For example:
C:\SilentInstall

Open a command prompt window.

Change directory (cd) to the local folder. For example: cd C:\SilentInstall

Type this command:

```
X6MU2Update-64bit.exe silent
```

Mastercam X6 MU3

Copy the update file (X6MU3Update-64bit.exe) to a local folder.

For example: C:\SilentInstall

Open a command prompt window.

Change directory (cd) to the local folder. For example: cd C:\SilentInstall

Type this command:

```
X6MU3Update-64bit.exe silent
```

Mastercam X5

Copy the contents the DVD to a local folder. For example: C:\SilentInstall

Open a command prompt window.

Change directory (cd) to the local folder. For example: cd C:\SilentInstall

Type this command:

```
installshield_mastercam.exe /L1033 /V"CNC_SILENT=Y"  
/V"CNC_DEST_DIR=\"c:\program files\mcamx5\""" /V"ALLUSERS=1"  
/V"CNC_USERNAME=\"user name\""" /V"CNC_COMPANYNAME=\"CNC Software,  
Inc.\""" /V"CNC_UNIT_TYPE=I" /V"CNC_SIM_TYPE=H" /q /hide_progress
```

For a NetHASP, change the sim type: /V"CNC_SIM_TYPE=N"