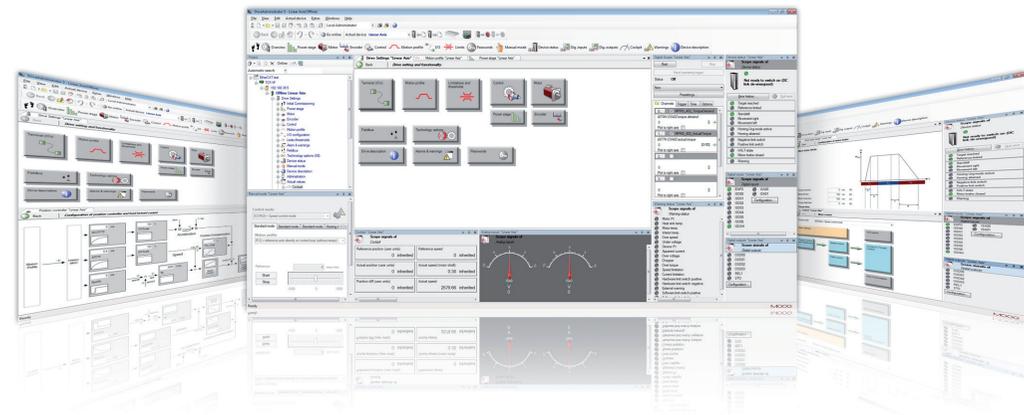


MSD Servo Drive

Moog DRIVEADMINISTRATOR 5

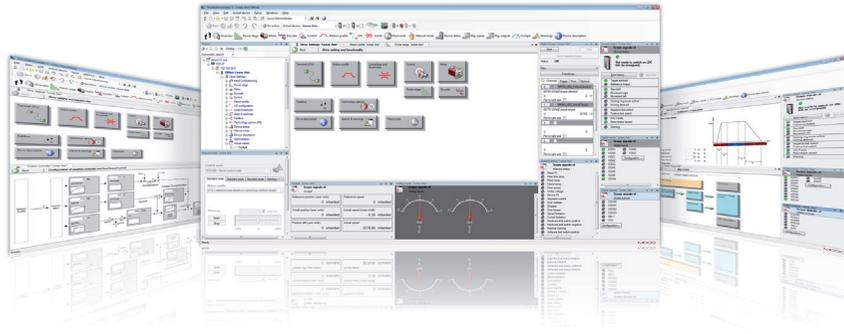
Installation Manual



Engineering tool

Configuration, commissioning, service und diagnostics
for MSD Servo Drives





Moog DRIVEADMINISTRATOR 5

This installation manual describes the installation of the PC software Moog DRIVEADMINISTRATOR 5. The commissioning of the servo drives and their software functions are described in the Device Help for the related device series.

Moog DRIVEADMINISTRATOR 5 supports you during

- Configuration
- Commissioning
- Service
- Diagnostics
- Project management

of the servo drive families MSD Servo Drives.

Moog DRIVEADMINISTRATOR 5 - Installation Manual

ID no.: CA50726-001, Rev. 2.2

Date: 02/2022

Valid from software version: 6.12.4

Subject to technical change without notice.

The content of our documentation was compiled with the greatest care and attention, and is based on the latest information available to us.

We should nevertheless point out that this document cannot always be updated simultaneously with the on-going technical development of our products.

Information and specifications may be subject to change at any time. Please obtain information on the latest version at drives-support@moog.com

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1 General

1.1 Target group

Dear user,

The documentation forms part of Moog DRIVEADMINISTRATOR 5 and contains important information about installation. It is aimed at all persons who install Moog DRIVEADMINISTRATOR 5 on desktop or notebook computers.

1.2 Reference documents

Documentation for Moog DRIVEADMINISTRATOR 5

Document	Contents	ID no.	Format
Moog DRIVEADMINISTRATOR 5 Program Help	Description of the functions and configuration option	CB19692-001	PDF, .NET, html5

Other documents

Document	Contents	ID no.	Format
MSD Servo Drive Device Help	Description of the basic software	CB40859-002	PDF, .NET, html5

1.3 Pictograms

To help the user, in this document we use the following pictograms:



NOTE

Useful information for the user.



Reference to other documents.

1.4 Disclaimer

The use of this documentation as well as the Moog DRIVEADMINISTRATOR 5 takes place exclusively under consideration of the general terms and conditions for Software licenses of Moog GmbH (Version 4/2016). This document is available at https://www.moog.com/content/dam/moog/literature/Space_Defense/field-service/Moog-Software-License-Agreement.pdf

1.5 Technical Helpline

Our Technical Helpline will provide you with fast, specific assistance if you have any technical queries relating to the installation of Moog DRIVEADMINISTRATOR 5.

Address: Moog GmbH
Hanns-Klemm-Strasse 28
D-71034 Böblingen

Phone: +49 7031 622-0

E-mail: drives-support@moog.com

If you need service assistance, the Moog specialists will be pleased to be of assistance.

Service - Please contact us:

Phone: +49 7031 622-0

E-mail: info.germany@moog.com



HINWEIS

You will find detailed information about our services on our web site
www.moog.com/industrial.

2 Preparation

This installation manual supports you during the installation of Moog DRIVEADMINISTRATOR 5.

Device types supported

- MSD Single-Axis Servo Drive Compact
- MSD Servo Drive AC-AC Single-Axis System
- MSD Servo Drive DC-AC Multi-Axis System

Moog DRIVEADMINISTRATOR 5 functions

- Initial commissioning of single and multi-axis systems
- Quick serial commissioning using commissioning file (firmware, parameters, PLC)
- Operation, parameter configuratio
- Diagnostics (oscilloscope board)
- Manual control of the drive
- Project management

2.1 Scope of supply

Contents of download file	Function
Moog DRIVEADMINISTRATOR 5	Moog DRIVEADMINISTRATOR 5 software
Service tools	Device serial commissioning tool: Click on the desktop icon to run serial commissioning without using Moog DRIVEADMINISTRATOR 5.
Moog Help	Program help and device help: The help system can be accessed directly from Moog DRIVEADMINISTRATOR 5, and contains context-sensitive links. The help can also be opened by clicking the question mark icon on your desktop.

Table 2.1 Scope of supply



NOTE

Connection cables are *not* included in the scope of supply and must be ordered separately.

2.2 Connection cable

Ethernet interface

Crosslink-Ethernet cable CAT 5 with 2 x RJ45 connectors

USB interface

USB connection cable type A to type B

2.3 System requirements

Feature	Minimum requirements	Recommended
Operating systems	Windows 7 (32/64 bit), ≥ SP1	Windows 10 (32/64 bit)
Additional software	Microsoft .NET Framework 4.7.1	
Interfaces (please pay attention to notes)	A spare Ethernet interface or a spare USB interface (not necessary for all devices)	
Processor	3 GHz, Intel Dual Core or compatible	Quad Core
Memory	4 GB RAM	16 GB RAM
Hard disk	2 GB spare hard disk space	
Drive	CD drive	
Monitor	1024 x 768 pixels	1920 x 1080 pixels (FullHD) at 100 % text size

Table 2.2 System requirements



NOTE:

Tablets or other systems with touch screens are not supported by Moog DRIVEADMINISTRATOR 5.

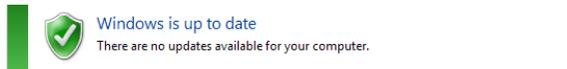
2.4 Operating system

Make sure that your operating system is up-to-date and all service packs and updates are installed.

You can check as follows whether your operating system is up-to-date:

Windows 7

- →Start →Control Panel
 - In the "Icons" view: →Windows Update
 - In the "Category" view: →System and Security →Windows Update



Windows 10

- →Start →Settings →Updates and Security



2.5 Additional software

You can check whether and which version of .NET Framework is installed on your system as follows:

Windows 7

- →Start →Control Panel
 - In the "Icons" view: →Programs and Features →Search Programs and Features for "Microsoft.NET Framework"
 - In the "Category" view: →Programs →Programs and Features →Search Programs and Features for "Microsoft .NET Framework"

Windows 10

- .NET Framework is an integral part of Windows from Windows 10.

If version 4.7.1 (or later) of "Microsoft .NET Framework" is not installed on your computer, please download it from the Microsoft homepage and install it on your PC.

3 Installing/uninstalling



NOTE

Please note that administrator rights are required during installation. If necessary, contact your system administrator.

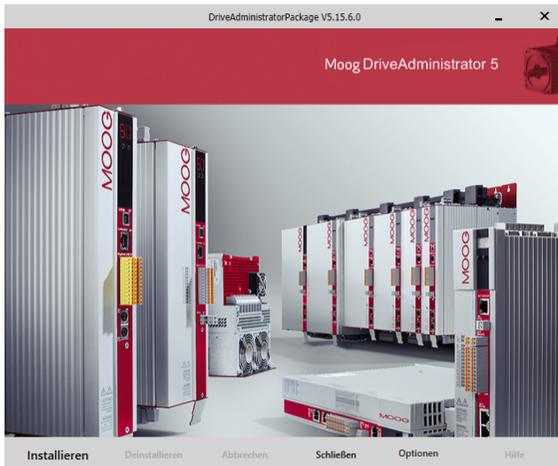
- Open the Moog DRIVEADMINISTRATOR 5 download folder.
- Double-click the file **setup.exe**. Setup Manager opens.



3.1 Setup Manager

After **setup.exe** has started, a Setup Manager is installed first.

Setup Manager starts automatically after installation:

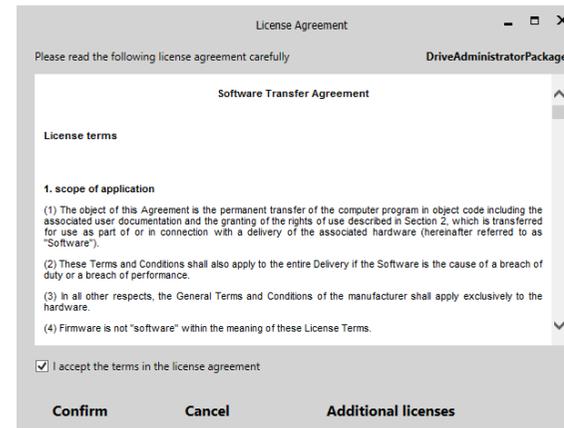


Button	Function
Install	Installs the Moog DRIVEADMINISTRATOR
Uninstall	Uninstalls an existing version
Break	Interrupts an install/uninstall in progress
Close	Closes Setup Manager
Options	Menu with advanced settings for install/uninstall
Help	Opens the help

Table 3.1 Functions of the buttons in Setup Manager

3.2 Installing Moog DRIVEADMINISTRATOR 5

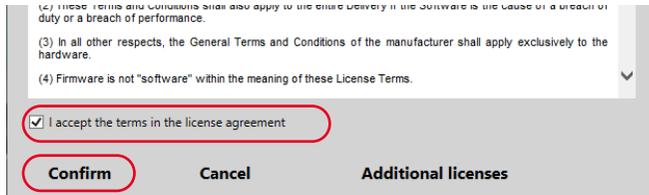
- Click the **Install** button to install DRIVEADMINISTRATOR. A dialog box with the licence agreement opens.



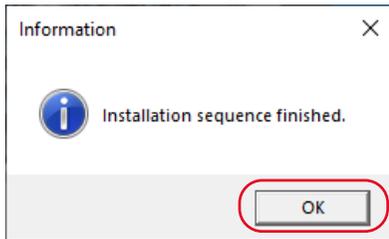
There are the following options:

- **Confirm** : Starts installation
- **Cancel**: Ends installation. No components are installed. Setup Manager is displayed.
- **Additional licenses**: Display of additional licences that apply to the utilisation of the software.

- To install DRIVEADMINISTRATOR, accept the conditions in the licence agreement by selecting the check box and confirm using the **Confirm** button. The installation of DRIVEADMINISTRATOR starts. The progress during the installation is shown in Setup Manager.



- Accept the final message using **OK**. DRIVEADMINISTRATOR has been successfully installed.

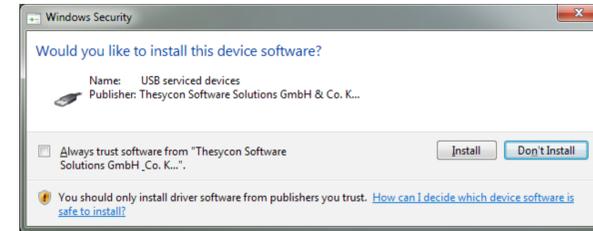


- A new icon appears on the desktop. Double-click the icon to open the folder with all components of Moog DRIVEADMINISTRATOR 5 installed.



NOTE:

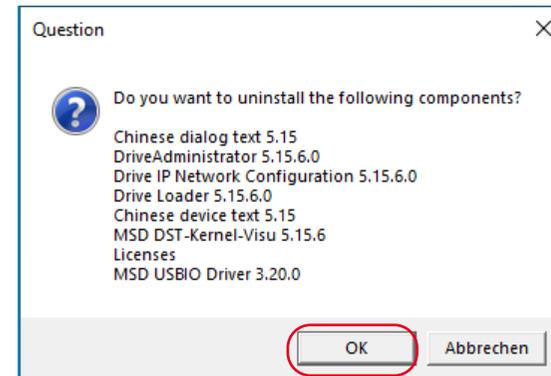
In some versions of Windows you will receive a prompt you need to accept to install one of the drivers.



3.3 Uninstalling Moog DRIVEADMINISTRATOR 5

Via download folder:

- Run Setup Manager using **setup.exe** in the download folder.
- In Setup Manager, click the **Uninstall** button. All components affected are displayed in a window:



- Accept the message using **OK**. DRIVEADMINISTRATOR and all components are uninstalled.

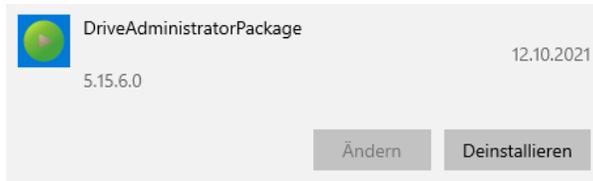
Via Windows settings:

Setup Manager can also be opened via Windows settings:

Windows 10: →Start →Settings →Apps →Apps and features

Windows 7: →Start →Control Panel →Programs and Features

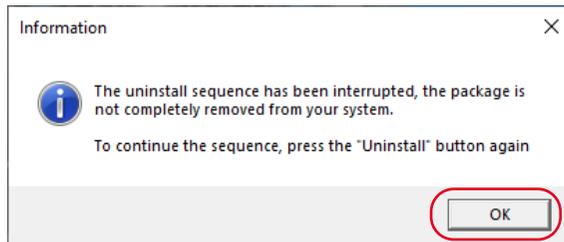
Select here the entry **Moog DRIVEADMINISTRATOR Package** and click **Uninstall**.



Setup Manager is now opened; you can uninstall from here.

3.4 Interrupting an install/uninstall

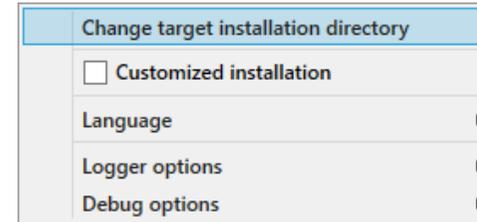
- Click the **Break** button in Setup Manager to cancel an install/uninstall in progress. A message appears indicating that the install/uninstall has been interrupted:



- Accept the message using **OK**. Setup Manager is displayed. You can continue the install/uninstall using the **Install / Uninstall** buttons.

3.5 Options for the install/uninstall

- Click the **Options** button in Setup Manager to customise the settings.

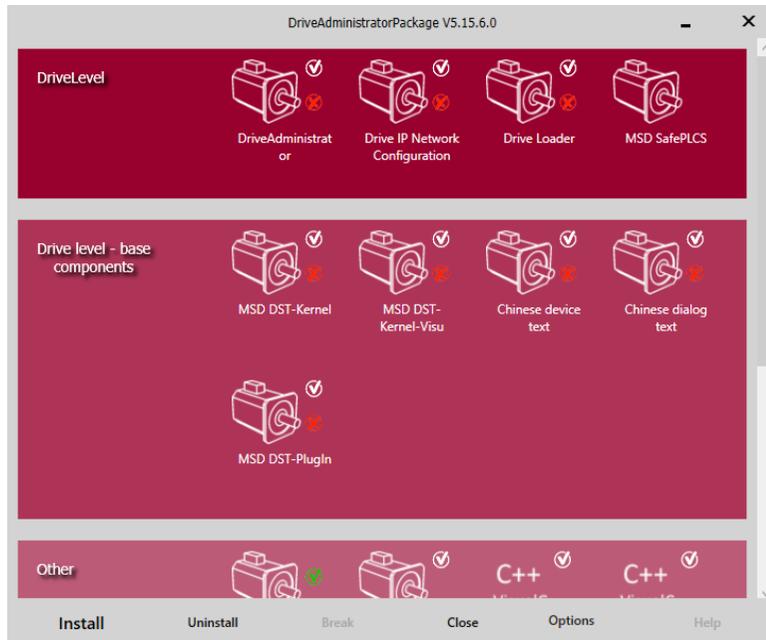


Button	Function
Change target installation directory	<ul style="list-style-type: none">Selects an existing installation directoryCreates a new directoryResets to the default installation directory
Customized installation	Custom install/uninstall with selection of the components (see chapter 3.5.1)
Language	Selects the language for Setup Manager (German, English, French)
Logger options	Only for service purposes. Do not change settings.
Debug options	Only for service purposes. Do not change settings.

Table 3.1 Options for the install/uninstall

3.5.1 Customised install/uninstall

Select the **Customized installation** entry in **Options**. Setup Manager changes to the view of the individual components:



In this view the individual components are divided into three levels:

1. **Drive level:** Components for drive commissioning and diagnostics
2. **Drive level base components:** Base components for the drive service program
3. **Other:** Additional or general components

Click individual components to select them for the install or uninstall.

The status of a component can be seen from the marking:

Component	Marking	Meaning
	No marking	Component will not be installed or uninstalled.
	Green check mark	Component will be installed.
	White check mark	Component is installed.
	White check mark Red cross	Component is installed and will be uninstalled.

Table 3.1 Status of a component

- After completion of the customisation, click the **Install** or **Uninstall** button. The correspondingly marked components are installed or uninstalled.



NOTE:

Some components are required. They cannot be excluded from the install.
This aspect is indicated in a message:



4 Getting started and help

4.1 Monitor configuration

If the entire user interface for Moog DRIVEADMINISTRATOR 5 is not displayed, it may help to change the size of the text (recommendation: 100 %) or the monitor resolution.

Windows 7

- Font size configuration →Start →Control Panel
 - In the "Icons" view: →Display
 - In the "Category" view: →Appearance and Personalization →Display
- Monitor resolution configuration via →Start →Control Panel
 - In the "Icons" view: →Display →Adjust screen resolution
 - In the "Category" view: →Appearance and Personalization →Display →Adjust screen resolution

Windows 10

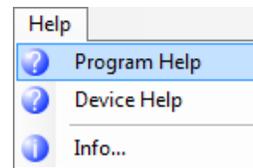
- →Start →System →Display

4.2 System help

Moog DRIVEADMINISTRATOR 5 has context-sensitive system help. If you press the F1 key, help related to the element of the application with the focus (e.g. window, dialog box or data entry field) opens; the help describes this element. The system help is divided into the following different help systems:

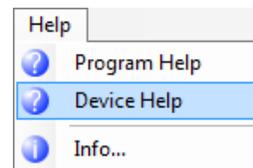
4.2.1 Program help

The functions of Moog DRIVEADMINISTRATOR 5 are described in the "Program Help". There is an overview of the user interface, the function of the oscilloscope and project management (menu bar →Help →Program Help).



4.2.2 Device help

The software functions for the device connected are described in the "Device Help" (menu bar →Help →Device Help).



Glossary

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The contents of our documentation have been compiled with greatest care and in compliance with our present status of information.

Nevertheless we would like to point out that this document cannot always be updated parallel to the technical further development of our products.

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