



MOVISUITE® ModuleUpdatePackage V2.10.2.2
for MOVISUITE® V2.10.52.0



MOVI-C®

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Version: 001

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1 General notes

This is the first MOVISUITE® module update package for MOVISUITE® version V2.10.52.0. There are no new unit modules in this MOVISUITE® module update package. Only problems with MOVIKIT® software modules have been solved (see section 2).

Installation:

The MOVISUITE® ModuleUpdatePackage V2.10.2.2 is used to update all unit and software modules in MOVISUITE® Version 2.10.52.0.

Only device and software modules in MOVISUITE® will be changed.

The installation requires approx. 50 minutes.

Following the installation, MOVISUITE® displays the MOVISUITE ModuleUpdatePackage Version on the "Program Information" tab under the MOVISUITE® Version as "Module package 2.10.2.2". If "Module package 2.10.52.0" is displayed, a MOVISUITE® ModuleUpdatePackage was not yet installed.

Information:

You require administrator rights on the PC for this installation.

2 Contents of the MOVISUITE® ModuleUpdatePackage

2.1 Missing version of the MOVIKIT® "Velocity" and "Positioning" software modules

MOVISUITE® version 2.10.52.0 does not include the two software modules MOVIKIT "Velocity" and "Positioning" in version 1.3.25.201. These software modules have been published in MOVISUITE® ModulUpdatePackage 2.2.7.1.

2.2 Incorrect behavior when exchanging MOVIKIT® software modules using the tool "Adapting the version and units..." or the catalog

If a MOVIKIT module is exchanged in MOVISUITE V2.10.52.0 via the MOVISUITE dialog box "Adapt version and device" or directly via the MOVISUITE catalog, the configuration of the profile values "Jerk time" and "Maximum torque Q1" is retained for certain constellations in the set point switching of MOVIDRIVE. If the new MOVIKIT module now has a smaller process data width, these two set points are no longer written.

This behavior occurs when exchanging MOVIKITs from MultiMotion/Gearing/Camming to MultiMotion Auxiliary Velocity or Positioning. The same effect also occurs when the process data profile is changed in a MOVIKIT module. For this reason, only the latest version of the MOVIKIT® software modules should be used: MultiMotion, MultiMotion, Camming, MultiMotion Gearing, MultiAxisController, Velocity, Positioning, Gearing and StackerCrane MultiMotion (for a list, see chapter 3).

2.3 MOVIKIT MultiAxisController: Wrong error message for external encoders not activated in skewing mode

If the associated units are adapted for single-axis operation and the corresponding external encoder is also switched off, an error is erroneously generated.
In the new version the monitoring is modified so that this error message is no longer output.

2.4 MOVIKIT Robotics: Sporadic slow motion

The robot moved sporadically slowly when a WAIT command was released late with a subsequent move command. This has been fixed with the new version.

2.5 MOVIKIT Robotics: Wrong error message "Choose Translation Velocity > 0

In tracking applications with a stationary conveyor belt, error 16#7E3D "Choose MotionSet[n].stTranslation.lVelocity > 0" was sporadically reported although the Motion Set was correctly parameterized. This has been fixed with the new version.

3 MOVI-C® modular automation system – version overview of all MOVISUITE® series versions

With the following table, you can assign the available hardware and software components to a particular version.

The columns list only the latest version numbers of a particular version. The latest updates are highlighted in green font.

Component	Series versions					ModuleUpdatePackage				Series versions	Module-Update-Package
	V1.1 (SP7)	V1.2 (SP8)	V2.0 (SP9.1)	V2.1 (SP10)	V2.2	V2.2.7.1	V2.2.8.2	V2.2.9.3	V2.2.10.4 & V2.2.11.5	V2.10	V2.10.2.2
Release date	07/2017	01/2018	10/2018	03/2019	10/2019	12/2019	12/2019	02/2020	03/2020	07/2020	09/2020
MOVISUITE® version	1.1.1180.0	1.2.1253.0	2.0.114.100	2.1.237.0	2.2.12.0				2.10.52.0		
IEC-Editor	3.5 SP9 Patch 5		3.5 SP12 Patch 3	3.5 SP13 Patch 1	3.5 SP14 Patch 3						
SEW-Profile (IEC)	SEW 3.5.9.50 (V3)		SEW 3.5.12.3 (V5)	SEW 3.5.13.1 (V6)	SEW 3.5.14.3 (V8)						
IEC libraries (extract)											
SEW IoDrvEtherCAT	1.0.200.0	1.1.200.0	1.3.200.0	1.4.200.0				1.5.200.0			
SEW IoDrvLogicalDevicePool	1.0.200.0		1.1.200.0	1.3.200.0	1.2.200.0				1.5.200.0		
SEW Common Fieldbus Slave Ext.	1.2.200.0		1.3.200.0	1.4.200.0				1.5.200.0			
SEW DeviceHandler	1.0.200.0	1.0.202.0	1.1.200.1	1.3.200.0				1.5.200.1			
SEW DeviceHandler Interfaces						1.0.100.7					
SEW DeviceHandler Interfaces 2	-		1.1.200.1	1.1.200.1				1.2.200.1			
SEW DeviceHandler Interfaces 3	-						1.3.200.0		1.4.100.0		
SEW PDO Handling						1.0.200.0					
MOVIKIT® Module											
Velocity Drive	-		1.1.200.1	3.0.3.200				3.0.3.200			
Positioning Drive	-			2.0.0.200	3.0.2.200				3.0.2.200		
RapidCreepPositioning Drive						-				3.2.0.200	
EncoderInterface						-				1.0.34.200	
MOVIRUN® flexible	-		1.0.200.0	1.1.0.200	1.1.15.200				1.2.101.200		
MultiMotion	1.3.201.0	1.5.200.0	2.0.200.0	2.4.13.200	2.4.18.200				2.5.155.200	2.5.155.201	
MultiMotion Camming	1.3.201.0	1.5.200.0	2.0.200.0	2.3.28.200	2.3.34.200			2.3.34.201	2.4.169.200	2.4.169.201	
MultiMotion Gearing						-				1.0.81.200	1.0.81.201
Robotics	-		2.0.200.0	2.3.21.200	2.3.24.200				2.5.56.200	2.5.56.201	
MultiAxisController	-		2.0.200.0	2.6.20.200	2.6.28.200				2.7.217.200	2.7.217.201	
MultiMotion Auxiliary Velocity	-		1.0.200.0	1.4.11.200	1.4.13.200				1.5.87.200		
MultiMotion Auxiliary Positioning	-		1.0.200.0	1.4.11.200	1.4.13.200				1.5.87.200		
Velocity	-			1.3.21.200	1.3.25.200	1.3.25.201				1.5.74.200	1.5.74.201
Positioning	-		1.3.21.200	1.3.25.200	1.3.25.201				1.4.173.200	1.4.173.201	
Gearing						-				1.0.134.200	1.0.134.201
StackerCrane						-				1.6.28.200	
StackerCrane MultiAxisController						-				1.6.28.200	
StackerCrane MultiMotion						-				1.6.28.200	1.6.28.201
DirectMode	-				1.1.45.200		2.0.44.200		2.0.89.201		
PowerMode	-				1.1.59.200		2.0.49.200		2.0.105.201		
EnergyMode						-				1.0.73.201	

MOVISUITE® ModuleUpdatePackage V2.10.2.2 for MOVISUITE® V2.10.52.0

installation information



Component	Series versions					ModuleUpdatePackage				Series versions	Module-Update-Package
	V1.1 (SP7)	V1.2 (SP8)	V2.0 (SP9.1)	V2.10.2.2	V2.2	V2.2.7.1	V2.2.8.2	V2.2.9.3	V2.2.10.4 & V2.2.11.5	V2.10	V2.10.2.2
Release date	07/2017	01/2018	10/2018	03/2019	10/2019	12/2019	12/2019	02/2020	03/2020	07/2020	09/2020
MOVI-C® CONTROLLER											
power (UHX85A)	02.00	02.01	03.00	04.00		04.02			04.04		05.00
progressive (UHX65A)	-		02.00	03.00		03.02			03.04		04.00
advanced (UHX45A)	-	01.00	02.00	03.00		03.02			03.04		04.00
standard (UHX25A)	-	01.00	02.00	03.00		03.02			03.04		04.00
FIELDCONTROLLER advanced (FHX45A)					-						04.00
FIELDCONTROLLER standard (FHX25A)					-						04.00
MOVIDRIVE® modular											
MDA without MOVILINK® DDI (single-axis module)	02.03	02.10	03.00	04.00, SN ¹⁾ : 18259774		05.00, SN ¹⁾ : 18259774					06.00, SN ¹⁾ : 18259774
MDA with MOVILINK® DDI (single-axis module)		-		04.00 SN ¹⁾ : 18272576	04.01 SN ¹⁾ : 18272576	05.00, SN ¹⁾ : 18272576					06.00, SN ¹⁾ : 18272576
MDA-CIA402 without MOVILINK® DDI (single-axis module.)		-	03.00	04.00, SN ¹⁾ : 18266320		05.00, SN ¹⁾ : 18266320					06.00, SN ¹⁾ : 18266320
MDA-CIA402 with MOVILINK® DDI (single-axis module)		-		04.00 SN ¹⁾ : 18272592	04.01 SN ¹⁾ : 18272592	05.00, SN ¹⁾ : 18272592					06.00, SN ¹⁾ : 18272592
MDD90 (double-axis module)	02.03	02.10	03.00	04.00		05.00					06.00
MDD90-CIA402 (double-axis module)		-	03.00	04.00		05.00					06.00
MDD91 with MOVILINK® DDI (double-axis module)		-		04.10		05.00					06.00
MDD91-CIA402 with MOVILINK® DDI (double-axis module.)		-		04.10		05.00					06.00
MDP92A (with regulated DC link voltage)		-			01.03		01.04				01.05
MDE90A (DC/DC- Converter module)		-					01.03				01.04
MOVIDRIVE® system											
MDX without MOVILINK® DDI	02.03	02.10	03.00	04.00, SN ¹⁾ : 18259731		05.00, SN ¹⁾ : 18259731					06.00, SN ¹⁾ : 18259731
MDX with MOVILINK® DDI		-		04.00, SN ¹⁾ : 18269842		05.00, SN ¹⁾ : 18269842					06.00, SN ¹⁾ : 18269842
MDX-CIA402 without MOVILINK® DDI		-	03.00	04.00, SN ¹⁾ : 18267572		05.00, SN ¹⁾ : 18267572					06.00, SN ¹⁾ : 18267572
MDX-CIA402 with MOVILINK® DDI		-		04.00, SN ¹⁾ : 18269877		05.00, SN ¹⁾ : 18269877					06.00, SN ¹⁾ : 18269877
MOVIDRIVE® technology											
MDX_T		-		04.00		05.00					06.00
MOVI-C® decentralized electronics											
DFC		-	03.10	04.00		05.00		05.10			06.00
DFC-CiA402		-	03.10	04.00		05.00		05.10			06.00
DSI		-	03.10	04.00		05.00		05.10			06.00
CSB51A safety card		-				02.05					
DAC		-				05.00		05.10			06.00
DBC		-				05.00		05.10			06.00
DSI-CiA402		-						05.10			06.00
safety cards MOVISAFE®											
CSS21A		-	01.05			02.05					
CSB21A		-	01.05			02.05					
CSS31A		-	01.05			02.05					
CSB31A		-	01.05			02.05					

1) SN = Part number