

# Installation Notes for MATLAB R14 Compatibility Update for TargetLink 2.0

MATLAB Compatibility Updates modify a Product Release developed for a certain MATLAB release to work with a newer MATLAB release. MATLAB Compatibility Updates should only be used until the next Product Release with full support for the newer MATLAB release is available.

The MATLAB R14 Compatibility Update for TargetLink 2.0 is available for the following customers:

- Customers who have purchased a software maintenance service contract
- Customers who bought TargetLink 2.0 within the last six months before the release of the MATLAB R14 Compatibility Update

If you are in one of the above customer groups, you will automatically receive an e-mail from dSPACE with your log-on name, password, and license key. If you are not, you can request an offer for a software maintenance service by filling in the form under [http://www.dspace.de/goto?mlcu\\_tl\\_r14](http://www.dspace.de/goto?mlcu_tl_r14).



These Installation Notes also apply, if you use only the TargetLink Stand-Alone-Blockset. For important aspects concerning the TargetLink Stand-Alone Blockset, refer to *TargetLink Stand-Alone Blockset* in the *Data Types* application note (`%DSPACE_ROOT%\Doc\Print\TLDataTypes.pdf`).

## Restrictions

When you install the MATLAB R14 Compatibility Update, TargetLink 2.0 is updated to be compatible with MATLAB R14 and will no longer run with previous MATLAB releases.

If you want to use previous MATLAB releases, for example, MATLAB R12.1 and MATLAB R13.x, with TargetLink 2.0, you have to install:

- The previous MATLAB releases on the PC
- TargetLink 2.0 without the MATLAB R14 Compatibility Update

- TargetLink 2.0 with the MATLAB R14 Compatibility Update in a different folder.

You can switch between the installations via dSPACE Installation Manager.

### Preconditions

- MATLAB R14 is installed on your host PC.
- You must have received a log-on name, password, and license key from dSPACE.
- You need administrative privileges in order to run the installation program of the MATLAB R14 Compatibility Update.

### Possible methods

There are three ways to install the MATLAB R14 Compatibility Update, depending on whether TargetLink 2.0 is already installed or not:

- If TargetLink 2.0 is installed, you can update it for MATLAB R14 compatibility. Refer to *Method 1*.
- If TargetLink 2.0 is not yet installed, install the MATLAB R14 Compatibility Update and TargetLink 2.0 from scratch. Refer to *Method 2*.
- If TargetLink 2.0 is installed in the same folder as dSPACE Release 4.1 (combined installation), you have to update both for MATLAB R14 compatibility. Refer to *Method 3*.



If you have a combined installation of an earlier dSPACE Release (prior to 4.1) and TargetLink 2.0, and update it, some release-specific software, for example, RTI and MLIB/MTRACE, will no longer run.

### Method 1

#### To update TargetLink 2.0 for MATLAB R14 compatibility

- 1 Go to [http://www.dspace.de/goto?mlcu\\_tl\\_r14](http://www.dspace.de/goto?mlcu_tl_r14) and click **MATLAB R14 Compatibility Update for TargetLink 2.0**.
- 2 Enter your log-on name and your password.
- 3 Click **Download**.
- 4 Start the installation program and select **Update existing TargetLink installation**.
- 5 Follow the instructions given by the installation program.
- 6 Reboot your operating system.

### Method 2      **To install the MATLAB R14 Compatibility Update and TargetLink 2.0 from scratch**

- 1 Go to [http://www.dspace.de/goto?mlcu\\_tl\\_r14](http://www.dspace.de/goto?mlcu_tl_r14) and click **MATLAB R14 Compatibility Update for TargetLink 2.0**.
- 2 Enter your log-on name and your password.
- 3 Click **Download**.
- 4 Start the installation program and select **Install TargetLink and automatically update this installation after next reboot**.  
As the MATLAB R14 Compatibility Update does not contain all the files of the dSPACE software, the installation program will prompt you to insert the TargetLink CD during installation.
- 5 Follow the instructions given by the installation program.
- 6 Remove the TargetLink CD.
- 7 Reboot your operating system.  
After the reboot, the installation program of the MATLAB R14 Compatibility Update starts again automatically and resumes installation by updating the previously installed TargetLink.

### Method 3      **To update dSPACE Release and TargetLink 2.0 for MATLAB R14 compatibility**

- 1 Go to [http://www.dspace.de/goto?MLCU\\_R14](http://www.dspace.de/goto?MLCU_R14) and click **MATLAB R14 Compatibility Update for Release 4.1**.
- 2 Enter your log-on name and your password.
- 3 Click **Download**.
- 4 Repeat steps 1 ... 3 for the MATLAB R14 Compatibility Update for TargetLink 2.0 on [http://www.dspace.de/goto?mlcu\\_tl\\_r14](http://www.dspace.de/goto?mlcu_tl_r14).
- 5 Start the installation program and select **Update existing dSPACE Release installation**.
- 6 Follow the instructions given by the installation program.
- 7 Reboot your operating system.  
After the reboot, proceed with the installation of the MATLAB R14 Compatibility Update for TargetLink 2.0.
- 8 Start the installation program and select **Update existing TargetLink installation**.

**9** Follow the instructions given by the installation program.

**10** Reboot your operating system.

**Result** The TargetLink 2.0 installation is now compatible with the new MATLAB release.

### How to Contact dSPACE

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