

# Installation Notes for MATLAB R14 Compatibility Update for dSPACE Release 4.1

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



The MATLAB R14 Compatibility Update for dSPACE Release 4.1 is available for the following customers:

- Customers who have purchased a software maintenance service contract
- Customers who bought dSPACE Release 4.1 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\\_R14](http://www.dspace.de/goto?MLCU_R14).

## Restrictions

When you install the MATLAB R14 Compatibility Update, dSPACE Release 4.1 is updated to be compatible with MATLAB R14 and will no longer run with the previous MATLAB release.

If you want to use both MATLAB releases with dSPACE Release 4.1, you have to install:

- Both MATLAB releases on the PC
- dSPACE Release 4.1 without the MATLAB R14 Compatibility Update
- dSPACE Release 4.1 with the MATLAB R14 Compatibility Update

You can switch between the installations via dSPACE Installation Manager.

### Preconditions

- MATLAB R14 is installed on your host PC.
- It is recommended to install the patches that are available for MATLAB R14. Refer to *Real-Time Workshop patch required for code generation* and *Patch required for correct execution of periodic tasks* in the *New Features and Migration* document.
- 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 two ways to install the MATLAB R14 Compatibility Update, depending on whether dSPACE Release 4.1 is already installed or not:

- If dSPACE Release 4.1 is installed, you can update it for MATLAB R14 compatibility. Refer to *Method 1*.
- If dSPACE Release 4.1 is not yet installed, install the MATLAB R14 Compatibility Update and dSPACE Release 4.1 from scratch. Refer to *Method 2*.

### Method 1

#### To update dSPACE Release 4.1 for MATLAB R14 compatibility

- 1 Go to [http://www.dspace.de/goto?MLCU\\_R14](http://www.dspace.de/goto?MLCU_R14) and click **Log-on for Download**.
- 2 Enter your log-on name and your password.
- 3 Click **Download**.
- 4 Start the installation program and select **Update existing dSPACE Release 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 dSPACE Release 4.1 from scratch

- 1 Go to [http://www.dspace.de/goto?MLCU\\_R14](http://www.dspace.de/goto?MLCU_R14) and click **Log-on for Download**.
- 2 Enter your log-on name and your password.
- 3 Click **Download**.
- 4 Start the installation program and select **Install dSPACE Release 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 dSPACE Release CD during installation.

- 5** Follow the instructions given by the installation program.
- 6** Remove the dSPACE CD.
- 7** Reboot your operating system.

After the reboot, the installation program of the MATLAB R14 Compatibility Update starts again automatically and resumes the installation by updating the previously installed dSPACE Release.

**Result** The installation of dSPACE Release 4.1 is updated to be compatible with the new MATLAB release.

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