



advisor 2004

Release Notes for Version 2004 SP1



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This document describes how to run the ADVISOR software. It does not attempt to discuss all of concepts of vehicle simulation that are required to obtain successful solutions. It is the user's responsibility to determine if he/she has sufficient knowledge and understanding of vehicle simulation to apply this software appropriately.

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1. CHANGES IN ADVISOR 2004 SP1

The new version of ADVISOR 2004 has been enhanced to be compatible with the new MATLAB version 7 (R14) and Simulink version 6 (R14).

Of course, this new ADVISOR version can also be run with the former MATLAB version 6.5 (R13) and Simulink version 5 (R13).

Important information about compatibility between the MATLAB versions is given in the following sections. For further information please refer to the MATLAB Release Notes for Release 14.

1.1. Compatibility of m-files

Total upward and downward compatibility of the m-files between MATLAB version 7 and version 6.5 is provided.

1.2. Compatibility of model files (.mdl-files)

- The new ADVISOR version working under MATLAB 7 also accepts model files stored with MATLAB 6.5 .
- ADVISOR (version 2004 and version 2004 SP1) working under MATLAB 6.5 accepts model files which have been created with MATLAB 7 and saved as type 'Simulink 5 (R13) Models (*.mdl)'.

1.3. Compatibility of mat-files

Note:



- **The new ADVISOR version working under MATLAB 7 accepts mat- files stored with MATLAB 6.5 (R13).**
- **MATLAB 7 has the additional option to save mat- files in a compressed mode which is set by default. These compressed mat-files are not compatible with former MATLAB versions. ADVISOR (version 2004 as well as version 2004 SP1) working under MATLAB 6.5 accepts mat- files which have been created with MATLAB 7 only if they have been saved in the non-compressed mode (-v6). The mode can be chosen in MATLAB 7 in the menu: 'File / Preferences / General / MAT-Files / MAT-file save options'. There, the option 'Ensure backward compatibility (-v6)' should be selected instead of the 'Use default features (Unicode and compression)'.**