

Simulink® Parameter Estimation™ Release Notes

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Summary by Version

This table provides quick access to what's new in each version. For clarification, see “Using Release Notes” on page 1.

Version (Release)	New Features and Changes	Version Compatibility Considerations	Fixed Bugs and Known Problems	Related Documentation at Web Site
Latest Version V1.2.2 (R2008a)	No	No	No bug fixes	Printable Release Notes: PDF Current product documentation
V1.2.1 (R2007b)	No	No	No bug fixes	No
V1.2 (R2007a)	No	No	Bug Reports Includes fixes	No
V1.1.4 (R2006b)	No	No	Bug Reports	No
V1.1.3 (R2006a)	No	No	Bug Reports	No
V1.1.2 (R14SP3)	No	No	Bug Reports	No
V1.1.1 (R14SP2)	Yes Details	No	Fixed bugs	No
V1.0 (R14)	Yes Details	No	No bug fixes	No

Using Release Notes

Use release notes when upgrading to a newer version to learn about:

- New features
- Changes
- Potential impact on your existing files and practices

Review the release notes for other MathWorks™ products required for this product (for example, MATLAB® or Simulink®) for enhancements, bugs, and compatibility considerations that also might impact you.

If you are upgrading from a software version other than the most recent one, review the release notes for all interim versions, not just for the version you are installing. For example, when upgrading from V1.0 to V1.2, review the release notes for V1.1 and V1.2.

What's in the Release Notes

New Features and Changes

- New functionality
- Changes to existing functionality

Version Compatibility Considerations

When a new feature or change introduces a reported incompatibility between versions, the **Compatibility Considerations** subsection explains the impact.

Compatibility issues reported after the product is released appear under Bug Reports at the MathWorks Web site. Bug fixes can sometimes result in incompatibilities, so you should also review the fixed bugs in Bug Reports for any compatibility impact.

Fixed Bugs and Known Problems

The MathWorks offers a user-searchable Bug Reports database so you can view Bug Reports. The development team updates this database at release time and as more information becomes available. This includes provisions for any known workarounds or file replacements. Information is available for bugs existing in or fixed in Release 14SP2 or later. Information is not available for all bugs in earlier releases.

Access Bug Reports using your MathWorks Account.

Version 1.2.2 (R2008a) Simulink® Parameter Estimation™ Software

This table summarizes what's new in Version 1.2.2 (R2008a):

New Features and Changes	Version Compatibility Considerations	Fixed Bugs and Known Problems	Related Documentation at Web Site
No	No	No bug fixes	Printable Release Notes: PDF Current product documentation

Version 1.2.1 (R2007b) Simulink® Parameter Estimation™ Software

This table summarizes what's new in Version 1.2.1 (R2007b):

New Features and Changes	Version Compatibility Considerations	Fixed Bugs and Known Problems	Related Documentation at Web Site
No	No	No bug fixes	No

Version 1.2 (R2007a) Simulink® Parameter Estimation™ Software

This table summarizes what's new in Version 1.2 (R2007a):

New Features and Changes	Version Compatibility Considerations	Fixed Bugs and Known Problems	Related Documentation at Web Site
No	No	Bug Reports Includes fixes	No

New Demos for Simulink® Parameter Estimation™ Software

There are two new demos for this release:

- The spe_speed demo complements the scdspeed demo discussed in Simulink® Control Design™ help.
- The spe_servomotor demo illustrates the use of Simulink® Parameter Estimation™ software with SimPowerSystems™ and SimDriveline™ products.

Version 1.1.4 (R2006b) Simulink® Parameter Estimation™ Software

This table summarizes what's new in Version 1.1.4 (R2006b):

New Features and Changes	Version Compatibility Considerations	Fixed Bugs and Known Problems	Related Documentation at Web Site
No	No	Bug Reports	No

Version 1.1.3 (R2006a) Simulink® Parameter Estimation™ Software

This table summarizes what's new in Version 1.1.3 (R2006a):

New Features and Changes	Version Compatibility Considerations	Fixed Bugs and Known Problems	Related Documentation at Web Site
No	No	Bug Reports	No

Version 1.1.2 (R14SP3) Simulink® Parameter Estimation™ Software

This table summarizes what's new in V1.1.2 (R14SP3):

New Features and Changes	Version Compatibility Considerations	Fixed Bugs and Known Problems	Related Documentation at Web Site
No	No	Bug Reports	No

Version 1.1.1 (R14SP2) Simulink® Parameter Estimation™ Software

This table summarizes what's new in V1.1.1 (R14SP2):

New Features and Changes	Version Compatibility Considerations	Fixed Bugs and Known Problems	Related Documentation at Web Site
Yes Details below	No	Fixed bugs	No

New features and changes introduced in this version are described here.

SimMechanics™, SimPowerSystems™, and SimDriveline™ Models Are Supported

You can now perform parameter estimation for SimMechanics™, SimPowerSystems™, and SimDriveline™ models.

Faster Simulation with Simulink® Accelerator™ Software

You can now enable the Simulink® Accelerator™ mode in the Simulink® window for faster simulation. For more information, see the Simulink documentation .

Demos for Simulink® Parameter Estimation™ Software

Eleven new demos show how you can apply Simulink® Parameter Estimation™ software in different application areas.

Version 1.0 (R14) Simulink® Parameter Estimation™ Software

This table summarizes what's new in V1.0 (R14):

New Features and Changes	Version Compatibility Considerations	Fixed Bugs and Known Problems	Related Documentation at Web Site
Yes Details below	No	No bug fixes	No

New features and changes introduced in this version are described here.

Simulink® Parameter Estimation™ Software

Simulink® Parameter Estimation™ software provides a graphical user interface for estimating the parameters and initial states of a Simulink® model using empirical input and output data pairs. You can also perform estimation using objects and methods. For more information, see the Simulink Parameter Estimation documentation.

Simulink Parameter Estimation software lets you do the following:

- Estimate parameters from measured (transient) data.
- Estimate initial conditions (initial states).
- Compare data from a model to empirical data during parameter estimation.
- Validate models after completing parameter estimation.

Compatibility Summary for Simulink® Parameter Estimation™ Software

This table summarizes new features and changes that might cause incompatibilities when you upgrade from an earlier version, or when you use files on multiple versions. Details are provided in the description of the new feature or change.

Version (Release)	New Features and Changes with Version Compatibility Impact
Latest Version V1.2.2 (R2008a)	None
V1.2.1 (R2007b)	None
V1.2 (R2007a)	None
V1.1.4 (R2006b)	None
V1.1.3 (R2006a)	None
V1.1.2 (R14SP3)	None
V1.1.1 (R14SP2)	None
V1.0 (R14)	None