Link for Incisive® Release Notes

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Summary by Version

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

Version (Release)	New Features and Changes	Version Compatibility Considerations	Fixed Bugs and Known Problems	Related Documentation at Web Site
New Product V1.0 (R2006b+)	Yes Details	Not applicable	Bug Reports	Printable Release Notes: PDF Current product documentation

About Release Notes

Use release notes when upgrading to a newer version to learn about new features and changes, and the potential impact on your existing files and practices. Release notes are also beneficial if you use or support multiple versions.

If you are not upgrading from the most recent previous version, review 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 New Features and Changes, Version Compatibility Considerations, and Bug Reports for V1.1 and V1.2.

New Features and Changes

These include

- New functionality

- Changes to existing functionality

- Changes to system requirements (complete system requirements for the current version are at the MathWorks Web site)

- Any version compatibility considerations associated with each new feature or change

Version Compatibility Considerations

When a new feature or change introduces a known incompatibility between versions, its description includes a **Compatibility Considerations** subsection that details the impact. For a list of all new features and changes that have compatibility impact, see the "Compatibility Summary for Link for Incisive®" on page 5.

Compatibility issues that become known after the product has been released are added to Bug Reports at the MathWorks Web site. Because bug fixes can sometimes result in incompatibilities, also review fixed bugs in Bug Reports for any compatibility impact.

Fixed Bugs and Known Problems

MathWorks Bug Reports is a user-searchable database of known problems, workarounds, and fixes. The MathWorks updates the Bug Reports database as new problems and resolutions become known, so check it as needed for the latest information.

Access Bug Reports at the MathWorks Web site using your MathWorks Account. If you are not logged in to your MathWorks Account when you link to Bug Reports, you are prompted to log in or create an account. You then can view bug fixes and known problems for R14SP2 and more recent releases.

Related Documentation at Web Site

Printable Release Notes (PDF). You can print release notes from the PDF version, located at the MathWorks Web site. The PDF version does not support links to other documents or to the Web site, such as to Bug Reports. Use the browser-based version of release notes for access to all information.

Product Documentation. At the MathWorks Web site, you can access complete product documentation for the current version and some previous versions, as noted in the summary table.

Version 1.0 (R2006b+) Link for Incisive®

This table summarizes what's new in V1.0 (R2006b+):

New Features and Changes	Version Compatibility Considerations	Fixed Bugs and Known Problems	Related Documentation at Web Site
Yes Details below	No	Bug Reports	Printable Release Notes: PDF Current product documentation

Introduction to Link for Incisive®

Link for Incisive integrates MATLAB® and Simulink® into your integrated circuit development flow. It lets you cosimulate and verify hardware description language (HDL) code using Incisive platform simulators from Cadence Design Systems.

Version 1.0 of Link for Incisive includes these features:

- Native Verilog support and support for VHDL via Verilog modules

- Connection of a Simulink model to one or more Incisive simulators

- MATLAB test bench capability, enabling the use of MATLAB code to stimulate and check HDL code

- MATLAB component capability, enabling simulation of MATLAB code in place of entities not yet coded in HDL

- User-selectable communication modes between MATLAB and Simulink and Incisive, which provides shared memory (for faster performance) and TCP/IP sockets (for versatility)

- Interactive or batch mode cosimulation, debugging, testing, and verification of HDL code from MATLAB

Link for Incisive Version 1.0 also includes the following beta-level feature:

HdlServer.m for Managing Multiple HDL Simulator Connections

Link for Incisive 1.0 contains a preliminary, beta-level scripting solution, `HdlServer.m`. As a replacement for `nclaunch.m` for Simulink connections, `HdlServer.m` adds capabilities for managing multiple HDL simulator connections, both remotely and locally. The script also allows for cross-platform connections, including using MATLAB and Simulink on a Windows machine. For more information, type

```
>> help HdlServer
```

at the MATLAB prompt. If you have feedback about this beta feature, please contact The MathWorks.

For More Information

See the "Link for Incisive User's Guide" for comprehensive information Link for Incisive.

Compatibility Summary for Link for Incisive®

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 **V1.0 (R2006b+)**	None