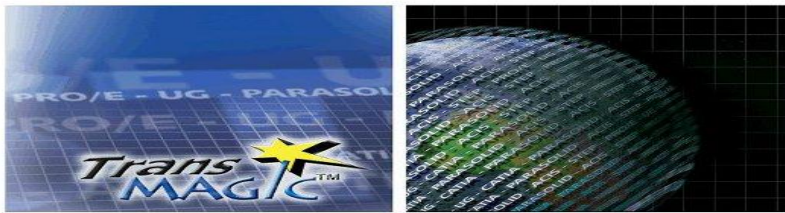


TMR8SP30ENG



Release Notes

ENGLISH

TransMagic R8 SP3.0

TransMagic R8



Release 8SP3 Enhancement Overview

TransMagic Features

- Added a "Show Un-Repaired Geometry" dialog that gets launched when appropriately during the Auto-Repair Wizard or can be launched alone via a new "Show Bad Geometry" button on the Advanced Toolbar. Requires the MagicSURFACE Toolkit. This is an invaluable function for finding and fixing trouble spot during manual Repair operations.
- Bounding Box calculations have returned a larger box than required in some cases. A new ultra-precise Exact Bounding Box calculation method has been implemented. This calculation can take longer in certain cases but the end result is a super-precise Bounding Box all the time.
- Added a Fast Bounding Box option that can be enabled to use the previous faster but less accurate bounding box. The Fast Bounding Box is good for quick checks and general dimensions.

Translators

- The "TransMagic V5 Environment" is now established on a per user account basis for all operating systems. This allows any account type to establish the TM V5 Environment automatically without any user rights issue.
- Added more JT output resolutions. The JT Facet Resolution can now be one of five settings: Lowest, Low, Normal, High, And Highest. These settings refer to the common facet resolution setting "normal deviation" and correspond to the following settings: Lowest = 45 degrees, Low = 30 degrees, Normal = 15 degrees, High = 10 degrees, Highest = 5 degrees.
- Fixed interface issue: JT resolution bug where output resolution was always "Normal" regardless of resolution specified.
- Viz-Rep resolution of JT files. One such use would be in high-end large format renderings where super-fine polygonal control is required.
- Added Advanced Faceting Functionality for JT output. This new functionality allows for virtually unlimited Fixed interface issue: If an ACIS SAT was saved out and then immediately a TMR file was saved out, an error "assembly save" error would appear and then an empty TMR file would be created.
- Added JT assembly output types: Single File Assembly | Entire assembly in one file. Typical Assembly | Assembly JT files + part JT files. Typical Assembly w/Directory |

Typical assembly JT file + directory. All Assembly Files | Each assembly is a JT file including parts.

- Upgraded to JT Open 5.3.
- Any resolved translator Tickets will be closed and the users who submitted them will be automatically notified via e-mail.

Application

- Drastically improved rendering performance for re-rendering geometry changes. The rendering engine now intelligently determines only what has changed and re-renders only that vs. re-rendering the entire scene after small changes.
- Fully tested and supported on Windows 7. Note: TM still needs to be run with a minimum Power User account. If UAC is turned on then TM must be set to "Run as administrator". We are currently working on a "UAC friendly" project to eliminate this need in the future.
- Added "Copy Reference Code" button to the License Key dialog to simplify the licensing process and reduce human error.

Installer

- With the exception of the .NET 2.0 Framework, which requires a separate prerequisite install, the TM installer no longer requires any other Microsoft prerequisites which greatly simplifies the install process and reduces system conflicts. All required prerequisites are now installed as InstallShield "merge modules".
- Added digital code signature to TransMagic installer.

TransMagic COMMAND

- Changed the Translate Hidden Entity -he option to -eh.
- Changed "inopts" field to "globalopts" as this is a more appropriate name since these options! are global and apply to the incoming file and thus apply to all outgoing formats. Docs and command line output -h option have been changed to reflect this new field name.
- Added -optiondlg page modifier option which allows the option dialog to only open with a specific page such as IGES Write Options or CATIA V5 Read Options, etc. This makes for even better third party application integration and reduces user confusion.
- Added an option -otd that instructs it to create individual output directories of files being processed. This option was included in the documentation but not actually implemented.
- Added ability to run Lite and Full successively.

TransMagic Batch

- Cleaned up TM Batch Status Window output for better updates and readability.
- Added elapsed time to the Batch Status output window.
- Added ability to run Lite and Full successively.

PowerPack for Inventor (Add-Ins)

- Inventor Add-Ins now support both 32-bit and 64-bit Inventor.
- Added ability to run Lite and Full successively.
- Add-In translator option pages now launch to the specific translator vs. the old behavior of launching all options dialog pages.

PowerPack for SolidWorks (Add-Ins)

- Added ability to run Lite and Full successively.
- Add-In translator option pages now launch to the specific translator vs. the old behavior of launching all options dialog pages.