

# SpinFire Ultimate 11.2.0 Release Notes

## Overview

SpinFire Ultimate 11.2 contains additional features found in 10.0 that were not included in 11.0 along with a number of bug fixes.

SpinFire Ultimate will contain all the features of SpinFire 10.0 but in a phased release approach.

### Added Features

- Model Compare
- Draft Angle Analysis
- Offset Sectioning (stepped sectioning)
- 3D Mouse support
- Two Edge Intersection Point measurement
- 2D Stamps
- Camera rotation undo/redo
- Color change undo/redo
- Section Profile (formerly known as X Section Plus)
- 3D Auto-Spinning

### Improved Features

- More automated method of selecting surfaces of a void.
- Improved performance loading 2D AutoCAD files.
- Improved scaling for CGM files.
- Improved handling long paths and file names.
- Implement keyboard navigation on the Assembly tree.
- Convert models to more file types (3D PDF, ACIS, HSF, IGES, JT, Parasolid, PRC, STEP, STL, U3D and VRML).
- Allow selection of tube axis points and edges for subsequent markup.
- Allow user to select 'Apply to all' option when multiple files are missing on load.
- Add option to bypass all missing parts when importing sub-assemblies.
- Show native CAD thumbnails in the Library.
- Added CAD file header information option for Catia and SolidWorks files in the Library.
- Add a new connection from folder search results in the Library.
- Missing ability to drag-and-drop two or more files in the Library
- Allow user to start conversion from the Library.
- Support for direct opening of EMF files.
- Import multiple document files.
- Support of templates to export data from Parts List to an Excel file.
- Focus on Plane.
- Move the application toolbar from the right side of title bar to the left.
- Starting SpinFire Ultimate-Reader with a command line parameter (-r).
- Reflective and metallic render modes retain colors.
- Email sends ACT3D file format.
- Improved color palette support.
- Allow user to select 'Apply to all' option when multiple files are missing on load.
- Add option to bypass all missing parts when importing sub-assemblies.
- Change the About dialog to make the build number more obvious to end users.
- New Culling and Depth Peeling settings to the Workspace settings.
- Additional colors for out-of-range faces in Draft Angle Analysis.
- Import of multiple document files.
- Allow activation from the installation program.
- Ability to reset translations to default in the translation editor.

### Bug Fixes

- **Assembly Tree**

## Supported Environments

Client Environment	Minimum	Recommended	Optimum
<b>Operating System</b>	Windows 7 (64-bit) Windows 7 (32-bit) Windows 8 (64-bit) Windows 8 (32-bit) Windows 10 (64-bit) Windows Server 2008 R2 (64-bit) Windows Server 2012	Windows 8 (64-bit) Windows 7 (64-bit)	Windows 8 (64-bit)
<b>OS Language Supported</b>	English (US) German French Italian Spanish Portuguese Czech Japanese Chinese (simplified) Chinese (traditional) Korean	English (US) German	English (US) German
<b>CPU/Processor</b>	Intel i3 4 Core 4 GHz (or equivalent)	Intel i5 4 Core 4 GHz (or equivalent)	Intel i7 8 Core 4 GHz (or equivalent)
<b>Memory</b>	4 GB	8 GB	16 GB
<b>Graphics</b>	DirectX 11 capable graphics card, 1GB VRAM	DirectX 11 capable graphics card, 2GB VRAM	DirectX 11 capable graphics card, 3GB VRAM

## Prerequisite Installations

- Microsoft .NET Framework 4.5  
<https://www.microsoft.com/en-us/download/details.aspx?id=30653> (Note - Already included in Windows 8 )

- Extra nodes in the assembly tree need to be clean up /removed.
- SolidWorks importing with too many sub-assembly levels.
- Impossible to select surface using assembly tree for Minimum Distance Between Two Surfaces measurement.
- Assembly tree items and title is not translated dynamically after changing the language option.
- The entire assembly becomes visible after deleting a mark up.
- Assembly tree in parts list contains empty assembly items when parts list was opened after import sub-assemblies.
- Chinese symbols are displayed incorrectly in assembly properties.
- Spaces are missing in assembly tree context menu.
- Unexpected item is selected in assembly tree with END button in specific case.
- Assembly tree disappears from parts list when hide assembly and reopen the dialog.
- Check marks are flashing while sub-assemblies are reloaded.
- **CAD Filters**
  - Impossible to use filters without CAD views.
  - Label "Filters" in context menu for CAD views disappears when change the theme to dark.
  - Label color is not changed to white after selection in Filter dialog.
  - Filters are not applied if Filters dialog was opened for not selected CAD view.
  - Spaces are missing for layers list in Filters dialog.
- **Color Dialog**
  - Import and export of color palettes don't support long path (>260 symbols).
  - Colors are missing when changing render modes on parts from Hidden Lines Removed.
  - Color Palettes dialog crashes after removing all color palettes.
  - Scroll is displayed in Color dialog in modern theme.
  - Impossible to remove color in new palette in Color Palettes dialog.
  - Custom color palettes aren't saved after the application is closed.
- **Conversion**
  - Red fill is missed for failed status of conversion.
  - Original file is opened by double click on it's name in conversion list instead converted.
  - Add file filter to converter's open file dialog.
  - Conversion process does not stop when SpinFire was closed after conversion is failed.
  - Error message is displayed if conversion process tries to overwrite existing file which is blocked.
  - Converter process isn't ended in task manager when remove item from conversion list while conversion is in progress.
  - Convert button is enabled when no file type is checked.
  - Conversion dialog is closed when press NO button in confirmation dialog.
  - Add support of very long paths and file names to convert.
  - Incorrect message in confirmation dialog for converter.
  - Item is deleted from conversion list when close confirmation dialog using cross button.
  - Impossible to convert model with annotation to 3D PDF.
  - Incorrect indexes appear in conversion list.
- **Coordinate Systems**
  - Activate coordinate system with double-click.
  - Dialog stretches when input big name for new coordinate system.
  - Coordinate system icon is blackout in markup label.
  - Creating new coordinate system leaves ghost circle.
- **Exploded Assembly**

- Incorrect distance changing when Exploded Assembly option is applied.
- Select button isn't pressed by default for select part option in Exploded Assembly.
- Parts are not highlighted after explode.
- **Export**
  - Document crashes when export to 3D PDF was started.
  - 3D PDF Export is not correct.
  - Impossible to export file when file is exported to long network path.
  - Confirmation is duplicated for export file dialog in any file type.
  - Export to Image or Hard Copy creates very large files.
- **Import**
  - Implement importing user views from ACT3D files.
  - Proceed" button isn't disabled when all Actions are set as None in Import Files dialog.
  - Import in 2D model does not work.
  - Spaces are missing in Import Files dialog when there are lots of files in list.
  - Horizontal scroll bar is displayed for import files dialog when the theme of application is classic.
  - Nothing happens when drag-and-drop document from explorer to viewer where 2D document is active.
  - Failed to import AutoCAD files with import option from file application menu.
- **Library**
  - Key in alphanumeric to go to corresponding folder in the Library.
  - File list isn't displayed after selecting folder in the Library with keyboard.
  - Incorrect sorting of File list in the Library.
  - Error occurs when trying to drag-and-drop files to a parent folder in the Library.
  - Impossible to deselect files with CTRL+Left-Mouse-Button combination in the Library files list.
  - Scroll isn't focused on found item in the Library.
  - Missing support of long network file path in the Library for folder tree.
  - Cannot drag-and-drop file to folder with long network folder path in the Library.
  - Application crashes when toggle to tiles display in the Library for folder with long path.
  - Library Tab is opened after pressing NO in confirmation dialog related to conversion.
  - Selection isn't cleared in the Library files list after scrolling and re-selection.
  - Document is opened with double click from Library when CTRL or SHIFT keyboard button is pressed.
  - Files are not displayed for network connection with long file path.
- **Markups**
  - Missing vertical scroll bar for description and comment fields for markups.
  - Markups load incorrectly.
  - Mark ups are not associated with created user views if a user view is first saved without any.
  - View is reset after deleting a markup.
  - Possible to add a markup to user view several times in specific case.
  - Add context menu item to draw edge lines in intersection point markup.
  - Possible to incorrectly display hidden markup geometry.
- **Measurements**
  - **2D Measurements**
    - 2D Boundary Center by Edges measurement allows user to select the same edge twice.
    - Incorrect option name in context menu for Boundary Area by Edges measurement for 2D model.
    - Unexpected calculation of Boundary Area by Points measurement for 2D model in specific case.
    - 2D document crashes after adding a markup.
  - **3D Measurements**

- No longer able to select axis center point for dimensioning.
  - Thickness measurement results appear incorrect.
  - Infinity calculations on non flat surfaces for axis-aligned bounding box.
  - Bounding box of selected surfaces does not work.
  - Bounding box color should be defaulted to grey, not white, as in 10.8.
  - Minimum bounding box doesn't work on a surface.
  - Boundary Center by Edges measurement starts to work incorrectly after several uses.
  - Varying angle measurements based on function used.
  - Deleted bounding box reappears when creating a new user view.
  - Axis aligned bounding box for a surface is not working.
  - Boundary Volume by Area dialog crashes on selection.
  - Boundary Volume by Area dialog Crashes on calculate.
  - Stop selection button for blocking surfaces does not function in the Boundary Volume by Surfaces dialog.
  - Make Boundary Volume by Surfaces (voids) work for holes with planar regions.
  - Boundary Volume by Surfaces (voids) display problem.
  - Midpoint text is not visible.
  - Unable to select edges under Boundary Center by Edges and Sum of Connected Edges.
  - AutoNote does not take into account parts that have been moved (transformed).
  - Incorrect measuring of Tube Length for arcs (circles) located in the same plane.
  - Calculate surface area in a user defined view.
- **Misc.**
    - SpinFire Ultimate install issue on Windows 7 32-Bit.
    - SpinFire crashes after Save As with long path or file name for Event Log.
    - Import and export of Materials don't support long path (>260 symbols).
    - Symbol '~' replaces part of path for Print Preview option when path to template is long (>260 symbols).
    - Keep Viewer Aspect Ratio option doesn't consider model proportions.
    - Incorrect view by plane after part was transformed.
    - Profile color option does not work.
    - Drag-and-drop into the same document is missing.
    - File isn't opened after drag-and- drop file from explorer to SpinFire viewer.
    - Incorrect keyboard navigation in the viewer with arrow buttons.
    - Transparent part is not transparent when is changed transparency of neighboring part.
    - View is not applied to model after selection with keyboard.
    - Templates Editor crashes in specific case.
    - Transparency is not applied to scene dynamically.
    - SpinFire crashes when changing Page Type.
    - Window commands menu stops working for SpinFire after the menu was used for another dialog.
    - Columns are not saved in Parts List.
    - Focus on Plane is tied to YZ axis.
- **Opening .3D Files**
    - .3D files with 2D circles and ellipses show up blank.
    - .3D file with polygonal shapes rendered poorly.
    - .3D file with curve-cornered rectangle renders poorly.
    - .3D file with different 2D line strokes renders poorly.
    - SpinFire 10.9 .3D file fails to open.
    - 2D .3D read failure for CGM/TIFF files converted from SpinFire 8.
    - SpinFire Ultimate has an issue opening converted Old .3D files converted to SpinFire 10 .3D files.

- SpinFire 10 markup text colors are importing as Transparent in SpinFire Ultimate.
- Imported 3D models from multi-document files do not appear in the graphics area after reloading a saved ACT3D file.
- .3D file converted from SpinFire 8 to SpinFire 10 fails to open.
- Import .3D file is missing.
- Cannot open .3D model saved by long path (>260).
- Impossible to open .3D file where Impact font is applied to a markup.
- Old .3D file causes "Object reference not set" error.
- Centro 6 created .3D files with no color background always black.
- Back color for model item imported from SpinFire 10 is not applied in SpinFire Ultimate.
- Render mode imported from SpinFire 10 is not applied in SpinFire Ultimate.
- Back color from SpinFire 10 isn't loaded correctly for startup view in SpinFire Ultimate.
- Support Tube Length bend center points for SpinFire 10 files.
- **Opening ACT3D files**
  - Cannot open .ACT3D with imported files.
- **Opening CAD \***
  - Taking way too long to open a small assembly.
  - More than one search path is not possible in Importer options.
  - Allow user to select 'Apply to all' option when multiple files are missing on load.
  - **AutoCAD**
    - Notification is missing after exporting section cut geometry as a DXF file.
    - Section "Export to DXF" must transform to the Z plane.
    - AutoDesk DWF takes a really long time to load.
    - 14Mb DWG file takes a very long time to load.
    - Large DWG file takes a very long time to load.
    - Poor view of DWG extents and tabs.
    - Improve the way to determine if a model layout in an AutoCAD file should be drawn in 2D or 3D.
    - Update normal calculations for AutoCAD models.
    - Add support of color palette to Profile Edges Color and Profile Faces Color in section settings.
    - Add support of color palette to Background Color for Export 3D PDF.
    - Support raster images in AutoCAD files.
  - **CATIA**
    - CATIA V5 - Imported PMI data and section cuts not being assigned to the imported views correctly.
    - Unexpected rectangle element in CATIA drawing.
    - Vertically listed text is not underlined and surround by "<u>".
  - **CGM**
    - CGM file is not displayed correctly.
  - **NX**
    - NX is missing wire frames.
    - NX - Imported PMI data and section cuts not being assigned to the imported views correctly.
    - There is extra geometry appearing in NX 2D files.
    - Missing lines on NX 2D file.
  - **STEP**
    - STEP AP242 with GDT (PMI) support.
    - STEP file takes a very long time to load.
- **Sectioning**
  - Section cut incorrect after turning cut material off and back on.
  - Incorrect view by plane after part was transformed.
  - Section planes appear after switching to default view.
  - Sectioning part colors are missing.

- Section planes do not appear after partial loading an assembly.
  - Cross-section view not updated correctly after layout change.
  - Multi-plane section cut geometry is not selectable.
  - Switching into cross-section View is turning off section plane.
  - Cross section dynamic update is missing.
  - The grid appears in part of the cross-section view, sometimes.
  - 3D files don't appear with sectioning when a starting user view has sectioning on.
  - Snap radius seems too big on section cut.
  - Section profile color during dynamic move is different.
  - Transparent parts behind section plane are not visible.
  - Cross section view is incorrect with multiple views enabled.
  - Move section does not work after doing a zoom or pan.
  - Dynamic move of section without section plane.
  - Profile face color isn't applied dynamically to section.
  - Crash when using section with load only assembly tree.
  - Cutting section area markup missing some capping geometry.
- **Translations**
    - Tool-tip is cut in Translations dialog.
    - Convert button for ACT3D options in Converter dialog overlaps with reset to default button when language is Deutsch.
    - Converting status name is cropped for Deutsch language.
    - SpinFire crashes when try to Save model if Application language is German.
    - Import of Translation does not work when imported file is located on long file path.
    - Translate suffixes for shattered files.
    - SpinFire crashes after Export file with long path or file name for Translations Editor.
    - Accent option is not translated dynamically after changing Language option.
    - Translation is missing for table font style in templates editor.
    - Part of assembly context menu is not translated dynamically after language was changed.
    - None isn't translated in selected color palette dynamically after language was changed.
    - Exception occurs when add place holder for non-existent variable in translations editor.
    - Viewer context menu is not translated dynamically after language was changed.
    - Changes in the translation editor are lost after switching languages.
    - Translations required for installation activation dialog and responses.
    - SpinFire crashes when work with dialog where separator "|" was deleted from translation by user.
    - SpinFire crashes when open dialog window with translation which contains double '{' symbol.
    - Localization is missing for exported tube data file.
    - The license file text does not change to the correct language.
- **UI**
    - Rename "Look" menu items to "Focus".
    - Importer options cancel button is cut off.
    - Check markers are reversed in classic theme on Windows 8.
    - There is a line under the 3D toolbar that doesn't redraw/update.
    - Conversion panel could overlap the Library toolbar.
    - Zooming too far in breaks 'Axis Triad' and 'Navigation Cube'.
    - Tool-tip is not changed for hide/show explorer button.
    - Document Explorer "Name" column auto re-sizes to first level icons and not to the item labels.
    - Displaying of re-size cursor for windows with fixed size.
    - Impossible to work with SpinFire after all options dialog was collapsed.
    - Change server parameters dialog window opens as separate window.

- Scroll does not follow actions in Transform dialog handles tab.
- Impossible to close error message in specific case.
- Default selected button isn't changed in message box.
- Asterisk is not displayed after color and render mode was changed.
- Focus is lost after opening dialog windows with keyboard.
- Save, E-mail and Help commands are not focused with keyboard.
- Part properties dialog not showing all the lines.
- Double confirmation dialog appears when is saved TXT file with existing name in parts list.
- The build number incorrectly appears as 0000 when SpinFire Ultimate does not have an active license.
- Border selection is available when mouse cursor on scroll bar.
- Error message is displayed when opening document which contains two (or more) models with equal names.
- Opened document does not become active in specific case.
- Incorrect file path is displayed for files with long file path on Home page and tooltips.
- Tab is stretched a lot when file has long file name.
- Focus on PMI annotation and annotation plane.
- Style is missing for window commands menu in modern theme.
- Line artifacts when changing views.
- Error message contains YES/NO buttons instead OK.
- Multi-selection in viewer works incorrectly.
- Warning message is missing in About window when theme of app is modern light.
- Shadow is not disappeared after drag&drop model tabs in specific case.
- Properties window could be decreased a lot.
- Incorrect color of text in parts list.
- Focus is returned incorrectly.
- Impossible to un-check documents from the list in add workspace document.
- OK button is not disabled when all models are not checked in Add Workspace Documents dialog.
- Graphics rendering is missing pieces of the file when in zoom fit.
- Gradient background is not stretched under application menu.
- Improve tool-tips on new rendering settings.

## Installation

SpinFire Ultimate 11.2 can be installed side-by-side with previous versions of SpinFire, such as the 10.x release.

### Upgrading from 11.0.0 to 11.2.0

To upgrade SpinFire Ultimate from 11.0 or 11.1 to 11.2:

1. Launch and run the SpinFire.x64.msi (or the SpinFire.x64.exe) and follow the installation wizard instructions.

or

2. Select **Check for Updates** from the **Help** menu if you have an Internet connection and are upgrading from 11.1.

## Known Issues

See [SpinFire Ultimate Known Issues](#)