What's new in Cortona3D software?

Version 14.1

There are two different versions of the software: RapidAuthor and RapidAuthor for Teamcenter.

- RapidAuthor imports data in various CAD formats (e.g., CATIA, NX, SolidWorks).
- RapidAuthor for Teamcenter is integrated with Teamcenter and imports PLMXML/JT data. Import of other CAD formats can be supported by purchasing the additional product – RapidDataConverter for Teamcenter.

Key changes in version 14.1

- Support for Teamcenter 14.0 and 14.1.
- Import additional information (support equipment, spares) from Teamcenter Service Planner.
- Generation of S1000D data modules based on the data imported from Teamcenter Service Planner.
- Import non-tiled textures from JT data.
- New commands Cut/Copy/Paste for selected objects.
- 2D Editor: Support for thick and thin line illustration technique to add 3D effects to 2D illustrations.
- 2D Editor: A new Join Lines tool allows user to quickly join selected line objects into a single Polybezier.

RapidAuthor and RapidAuthor for Teamcenter Improvements

Authoring

- New commands Cut/Copy/Paste for selected objects are available in the Toolbar, Edit menu, Item tree menu and Item list menu.
- New objects Arrow and Animated Arrow were added to the object gallery. These objects allow author to draw the user attention to particular areas of the 3D scene.
- Improved support for high resolution screens.
- S1000D: support for totalQuantity and removalOrInstallationQuantity elements in IPD data modules.
- DITA: new metadata Language allows for controlling the language of the generated document.
- The user interface, help topics of RapidAuthor for Teamcenter and out-of-the-box specification components have been localized into Italian. Out-of-the-box specification components allow for creating publications in Italian in addition to previously supported languages.

Publishing

- Publishing to X3D is available in several procedure specification components: Generic Procedure, DITA Task, and Rapid Work Instructions.
- New publishing option for hiding axes in the publication.
- New publishing option for specifying the proportions between illustration and text windows in RapidCatalog publications.

- The publishing option 'Illustration/Text Windows Size' now allows for hiding 3D window in RapidManual publications.
- New shortcuts in the publication for controlling different rendering modes (Ambient occlusion, antialiasing, X-Ray selection mode).

Editing of 2D CGM images
- Support for thick and thin line illustration technique.
- Join Lines tool allows for joining multiple line primitives into a single one.
- Improved Snap to Object – easier drawing of tangent and perpendicular lines.
- Preview of styles in drop-down lists.

Data import
- New CAD formats supported: JT 10.6, NX 2007, Solidworks 2022, Solid Edge 2022, Catia V5_6R2022, Revit 2022, Navisworks 2012-2022.*
- Import additional information (support equipment, spares) from Teamcenter Service Planner.**
- Option to update objects even if their metadata haven't changed.
- Import attributes of the objects, which are not part of the product tree.**
- JT import: line sets, import non-tiled textures from JT.**
- Correct import of overridden colors from JT.**
- Support for DPL numbering starting from '1'.
- New Excel templates for importing BOM for S1000D 4.2 IPD and S1000D 5.0 IPD specifications.

*This functionality requires RapidAuthor or RapidDataConverter for Teamcenter.
**This functionality requires RapidAuthor for Teamcenter or Rapid JT Component.

RapidAuthor Connector for Teamcenter Improvements

- Support for Teamcenter 14.0 and 14.1.
- New RapidAuthor Administrator application for configuring integration between RapidAuthor and Teamcenter.
- Generation of S1000D data modules based on the data imported from Teamcenter Service Planner.

New features in RapidDeveloper and RapidDeveloper for Teamcenter

RapidConfiguration
- Advanced configuration of data import from Teamcenter Service Planner.
- New option to update objects even if their metadata haven't changed.
- New option to import line sets from JT.
- New option to start DPL numbering from '1'.
- Support for attributes of the objects, which are not part of the product tree.

Improvements in RapidDataConverter for Teamcenter

- New CAD formats supported: JT 10.6, NX 2007, Solidworks 2022, Solid Edge 2022, Catia V5_6R2022, Revit 2022, Navisworks 2012-2022.