ArtiosCAD 16.1

What’s New?

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What’s New in ArtiosCAD 16.1

- Updated user interface which includes document tabs, flyout & detachable menus, tooltips for flyout toolbars, Canvas isolation mode and more
- New feature to rebuild a design in 3D
- Automatic mating of display hardware for 3D scenes
- Automatic mate option for Tab & Slot tool
- Support for perpendicular diamond folds in 3D
- Task list in ArtiosCAD Project Browser (enterprise-only)
- Database dialog editor enhancements for setting tab order
- Import existing ARD as a canvas part and maintain source link
- Spatial 2017 update including SolidWorks 2016 & 2017 import
User Experience

- Expand your work area
- Work faster by reducing wasteful steps
- Updated GUI concepts
Project and Part List Panels

- New dockable panels
- Quick access to important data
- Panels can be pulled off to float and are resizeable
Collapsible to expand work area
Hover over to view panel
Easy access to important data
Isolation Mode

Select a design from parts list

Automatic ‘zoom to part’

Provides design focus
Database Dialog Improvements

- Edit tab order of dialogs
- Automatic calculation of order
- Adjust order up & down as needed
Toolbar Appearances

- Include toolbar description
- Shortens learning curve for new users
- Enlarge toolbar setting for high-resolution monitors
Rapid resizing of 3D design

Automated update of 2D design

Save valuable design time
Perpendicular Diamond Folds

Show diamond folds in 3D
Set realistic expectations
No time-consuming workarounds needed
Design Canvas

- Eliminate wasteful steps
- Reuse existing assets
- Speed up the design cycle
Intelligent 3D Conversion of Multi-part Designs

set # copies

parts are automatically repeated in 3D
Import Part with Link

- Reuse existing designs
- Import designs to a new Canvas
- Maintains link to source design
3D Assembly Improvements

Tab & Slot tool enhancements
Automatic mates on tab & slot
Link between 2D & 3D updated

keeps designs mated during rebuild or design changes
3D Assembly Improvements

New Panel Mate tool

Automatically adds panel mates between designs

2D design automatically updated

keeps designs mated during rebuild or design changes
Hardware part automatically added to the design Canvas

Picture and description of hardware part included for easy identification

Part count from 3D scene automatically populated
Design Collaboration

- Manage design tasks
- Integrated process management workflow
- Eliminate wasteful steps
See your tasks list in ArtiosCAD

No need to learn or switch to another application

Seamless integration with WebCenter

Manage design tasks within the ArtiosCAD Project Browser
New ‘Task’ node for Projects

View and Open linked documents and specifications
Windows Certification

- Window 10 Anniversary
- Window 10
- Windows 8.1
- Windows 8
- Windows Server 2012
- Windows 7
3D Spatial Library Upgrade

- Spatial 2017 1.1.0 update
- Support for SolidWorks 2017 import
- Support for SolidWorks 2016 import
Other enhancements

- Canvas production parts can be set to read-only
- Maximum limit of holes in a panel increased to 500
- Backwards compatibility added for rotary bolt hole placement tool
- Links to Knowledge Base Articles during installation
- Database password can be specified during or post installation