Esko ArtiosCAD 23.11

Release Notes

ESKO

ArtiosCAD 23.11 Release Notes

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What's new in:

- Design
- 3D
- Layout
- Manufacturing
- General
- Infrastructure
- Integration
- View
- **Enterprise**

Problem fixes

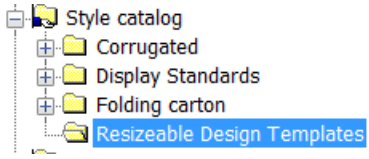
Important notes for all users

What's new?

Design Enhancements

- Resizable Design Templates (RDTs), aka, standards, for Fefco and ECMA have been updated in the ArtiosCAD style catalog. Updates will be an ongoing endeavor and new styles will be added in future releases.

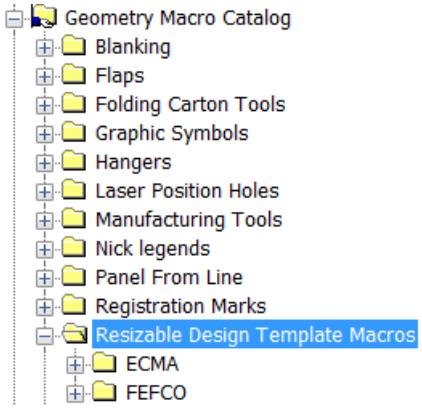
  Navigate to Options > Defaults > Style Catalog > Resizeable Design Templates



See <Artios folder>\<version>\Instlib\<library>\Documentation for xls files that describe how the RDT was constructed.

Example: C:\Esko\Artios\ArtiosCAD20.0\InstLib\ECMA\Documentation\ET_A20.20.01.01_.xlsx

Geometry macros which were used to construct the RDTs have also been added.

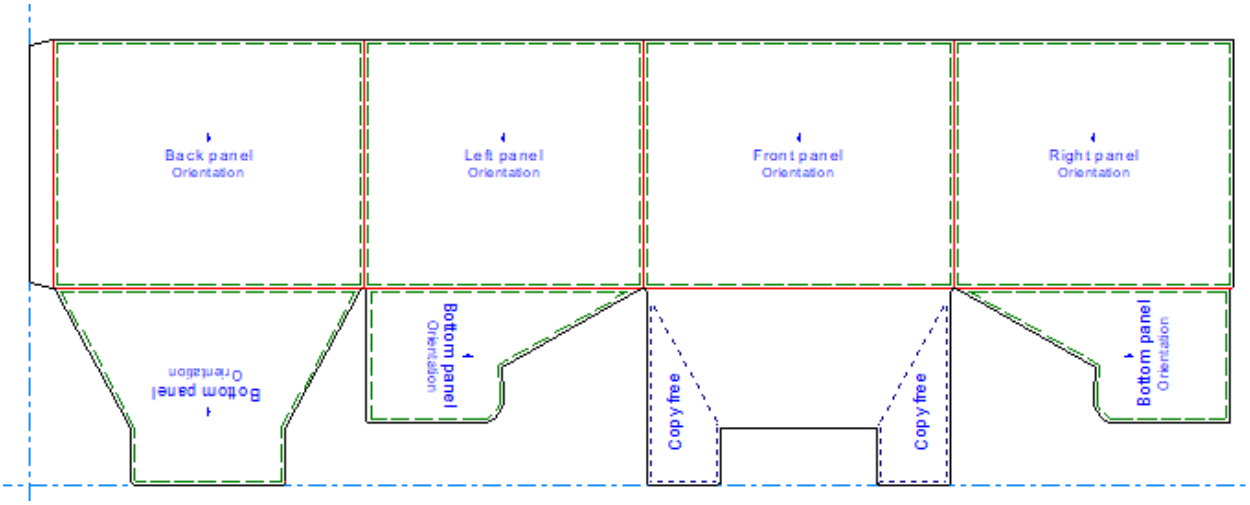


See <Artios folder>\<version>\Instlib\Geometry macros\<library>\Documentation for xls files that describe how the geometry macro was constructed.

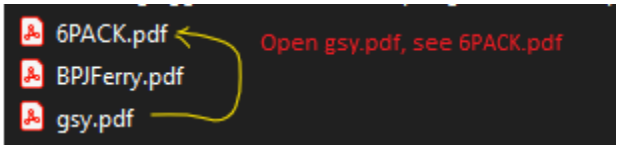
Example:C:\Esko\Artios\ArtiosCAD20.0\InstLib\Geometry macros\ECMA\Documentation\EGM_A20_21_30_Cover_Tuck_flap_Bottom.xlsx

All previously released standards have been rerelease with improvements to the standard. These files are installed in the instlib directory in disk and will not replace any in ServerLib or ClientLib. The standards should be evaluated before considering moving them outside instlib for access by your designers.

- Artwork panels recognizes the copy free pattern of a 123 bottom

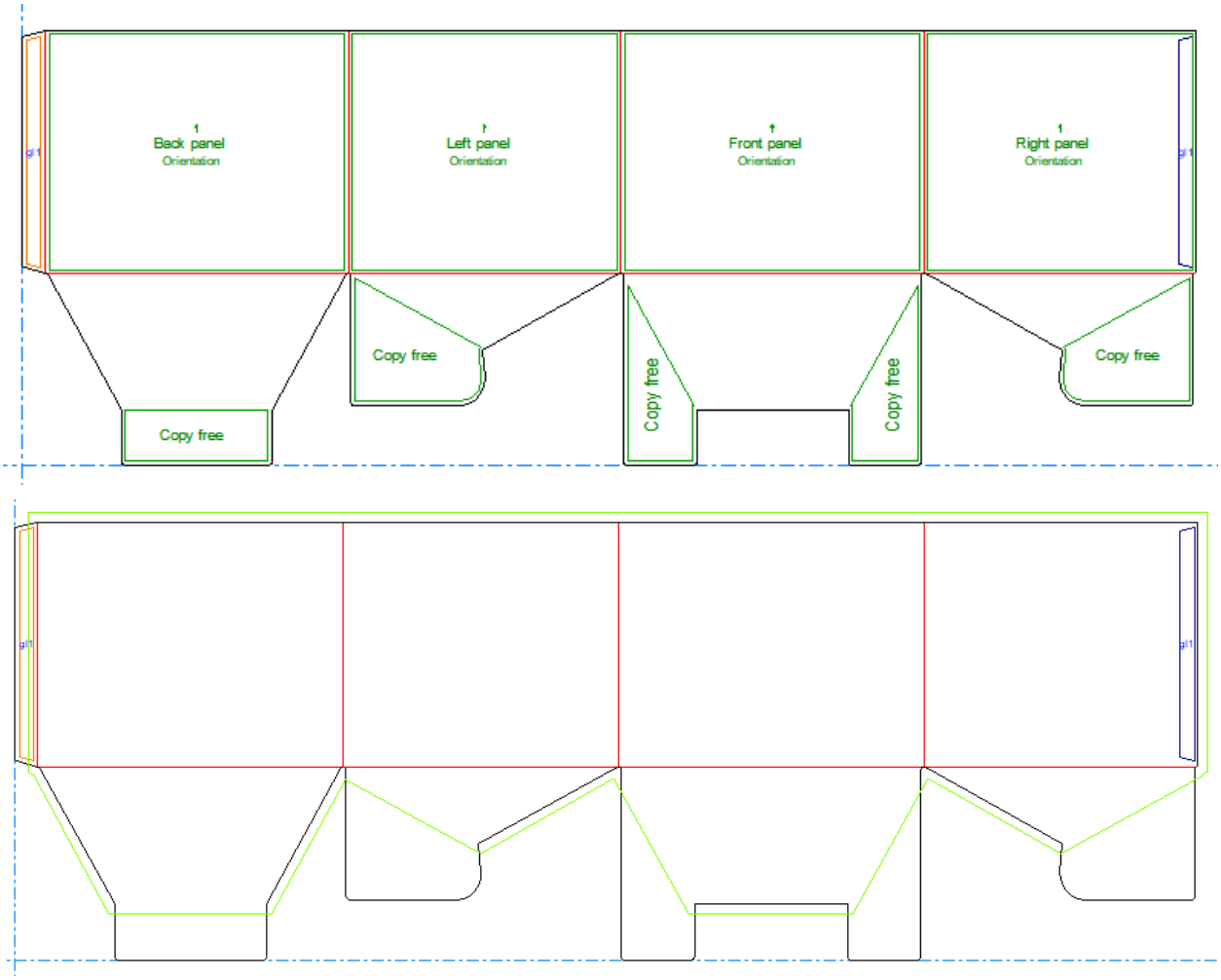


- Opening a PDF file with a link to another PDF file, will display the linked PDF file

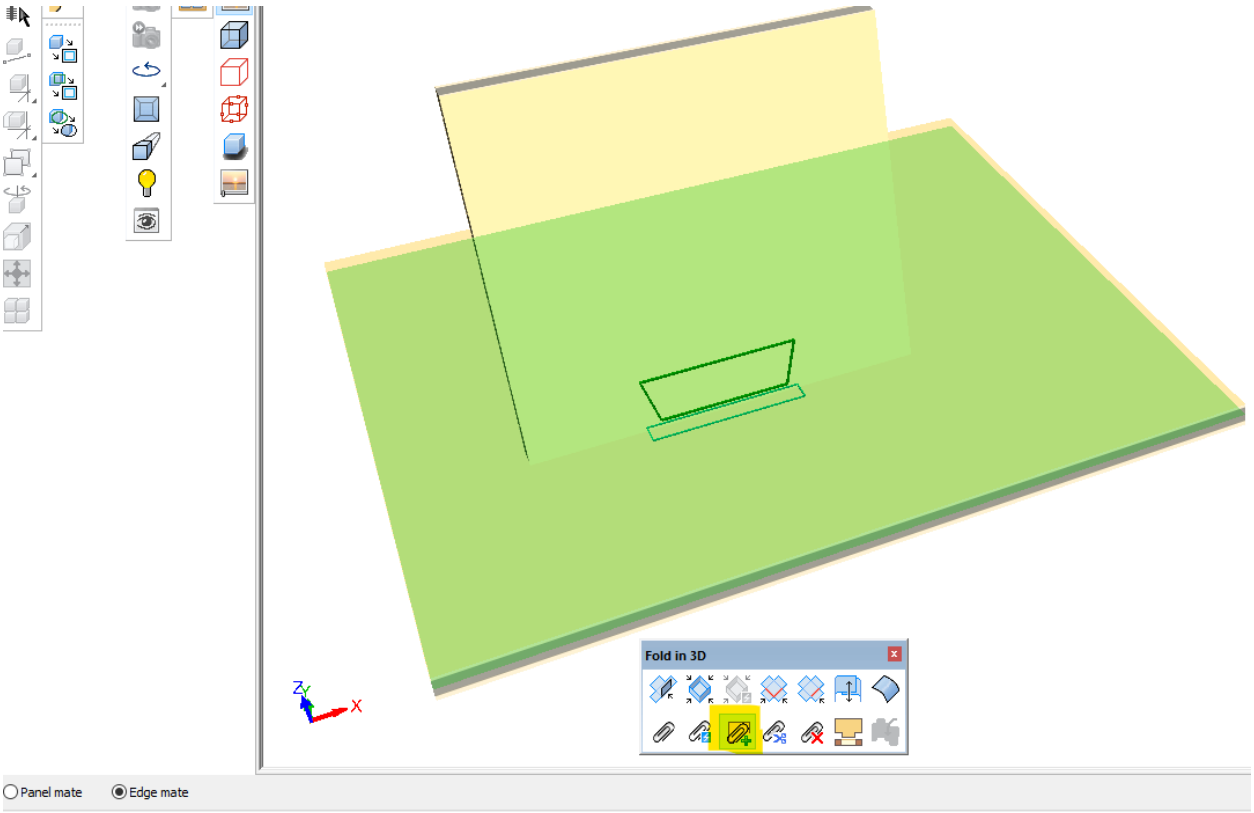


3D Enhancemements

- Artwork panels & Bleed recognizes the copy free pattern of a 123 bottom from 3D

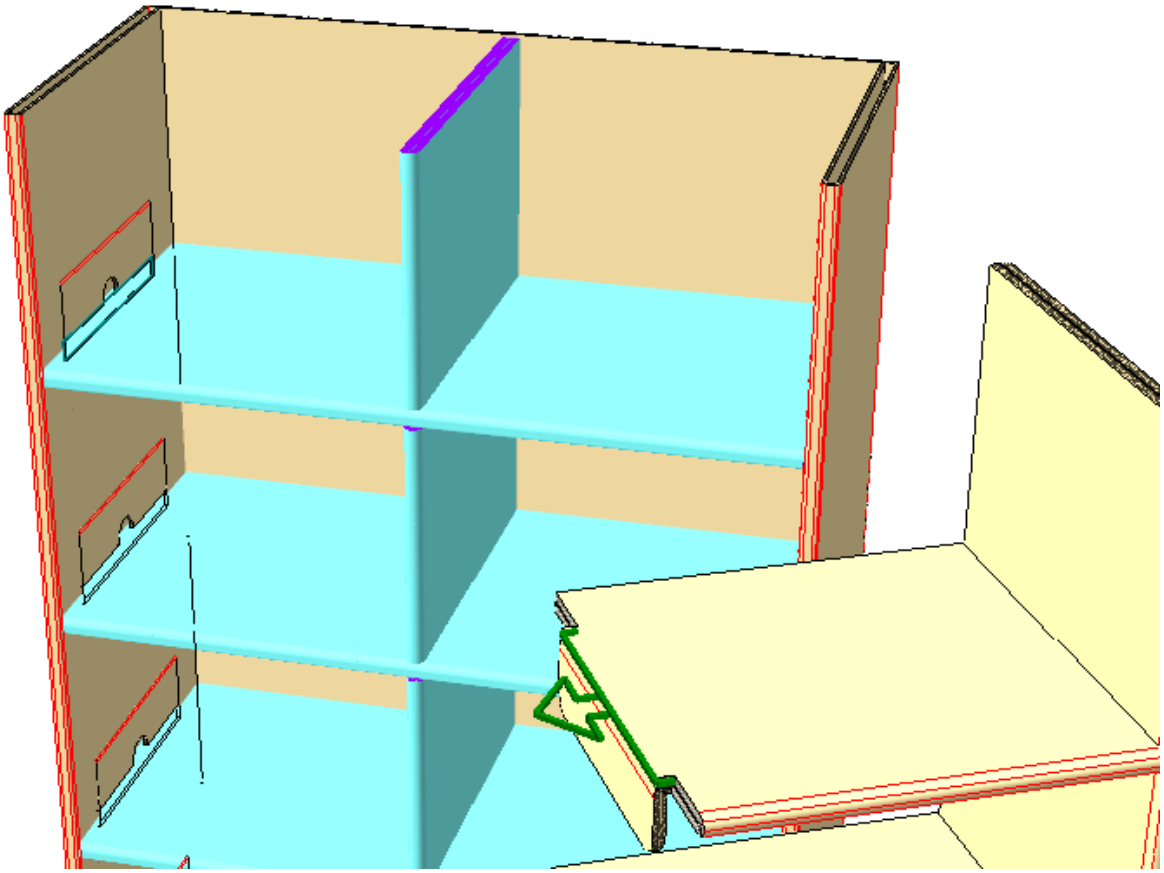


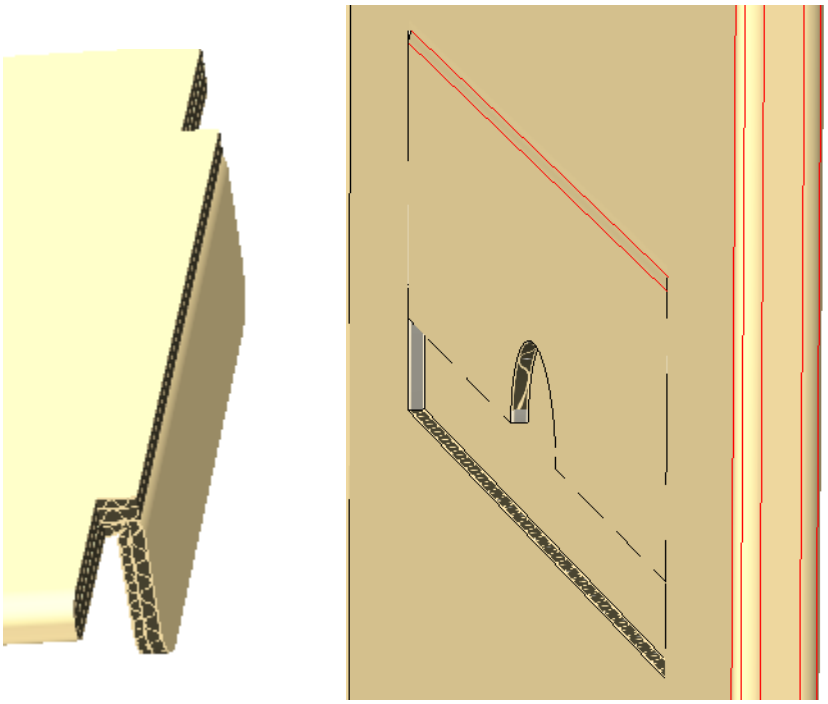
- An new mate type called edge mate has been added. If the Panel mate tool is activated in 3D, the user has the option to specify an edge mate which aligns the edge of one panel against the surface of another panel.



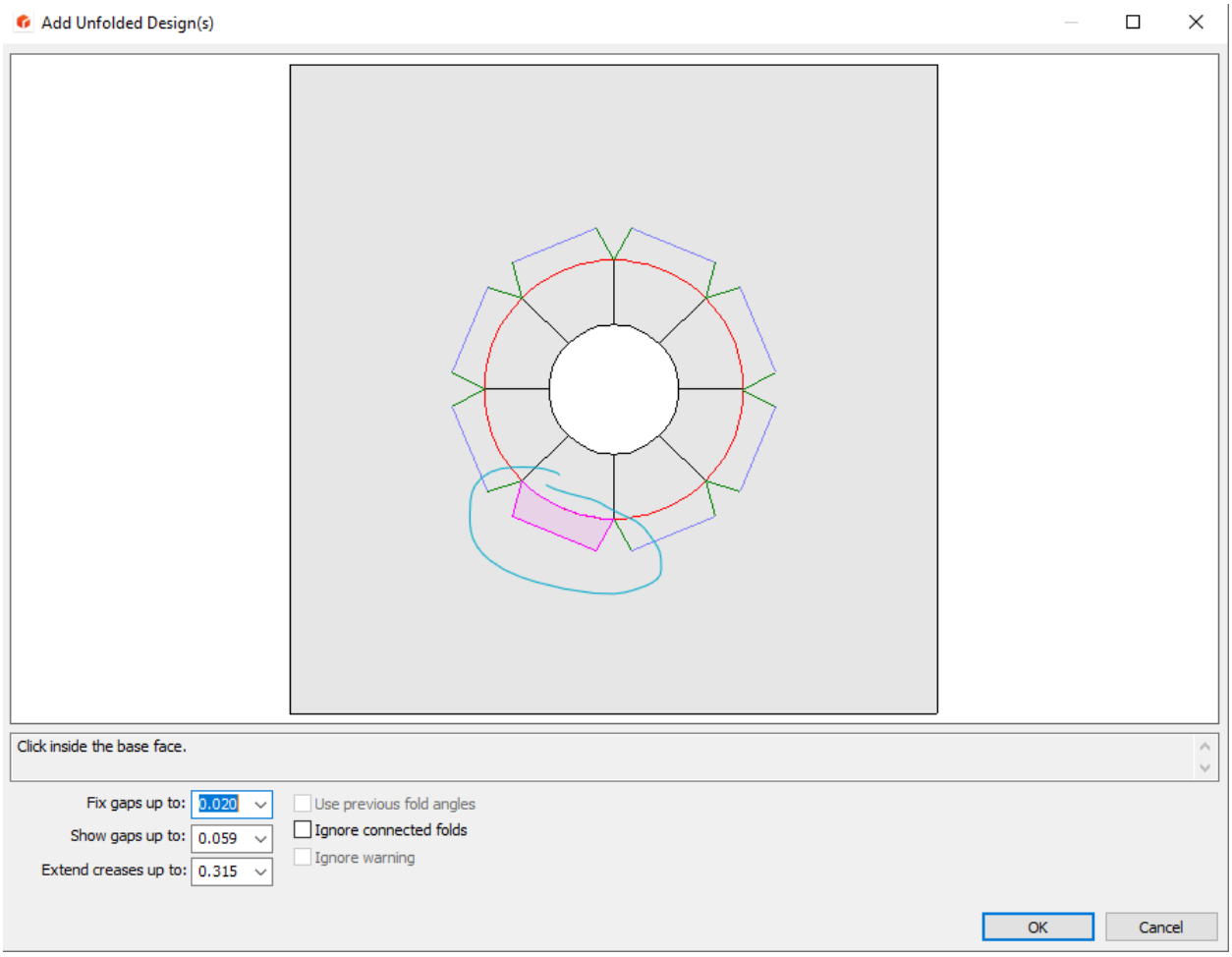
- New tab in slot shape is recognized.

  Folded tab is tucked inside slot

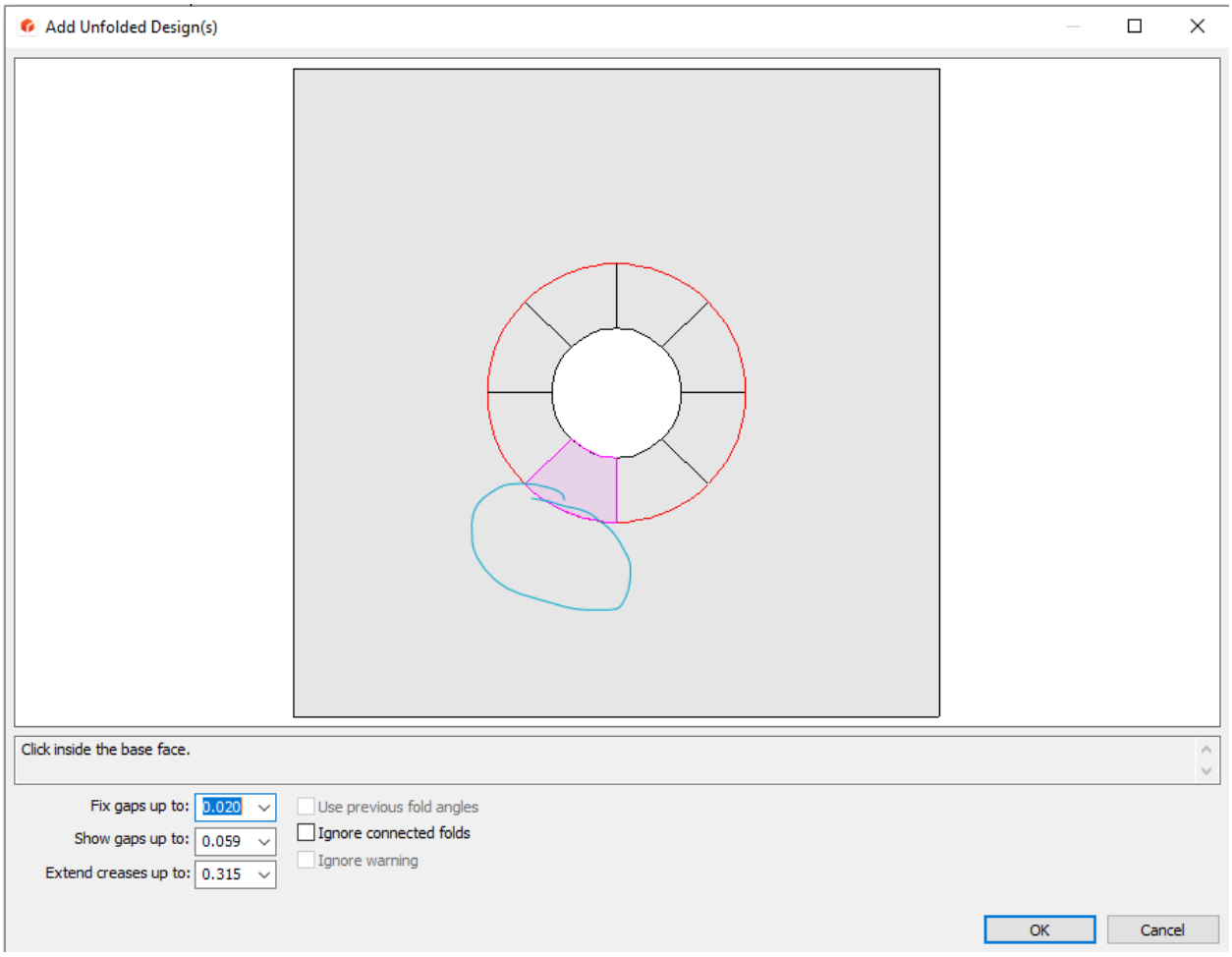




- Internal flaps with arced creases no longer create an adjoining pseudo-panel.
  23.07 which created a selectable adjoining pseudo-panel



23.11 The pseudo panel is filtered out



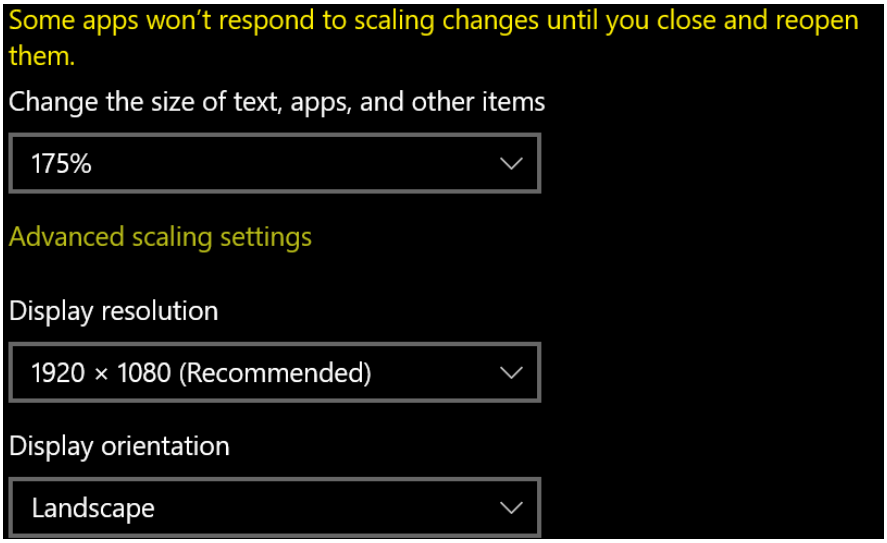
Layout Enhancements

Manufacturing Enhancements

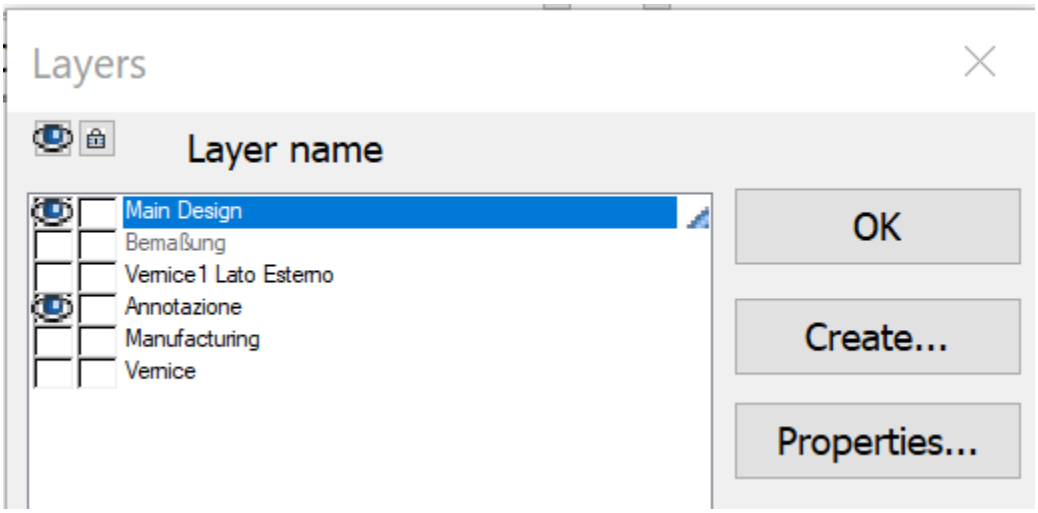
General Enhancements

Infrastructure Enhancements

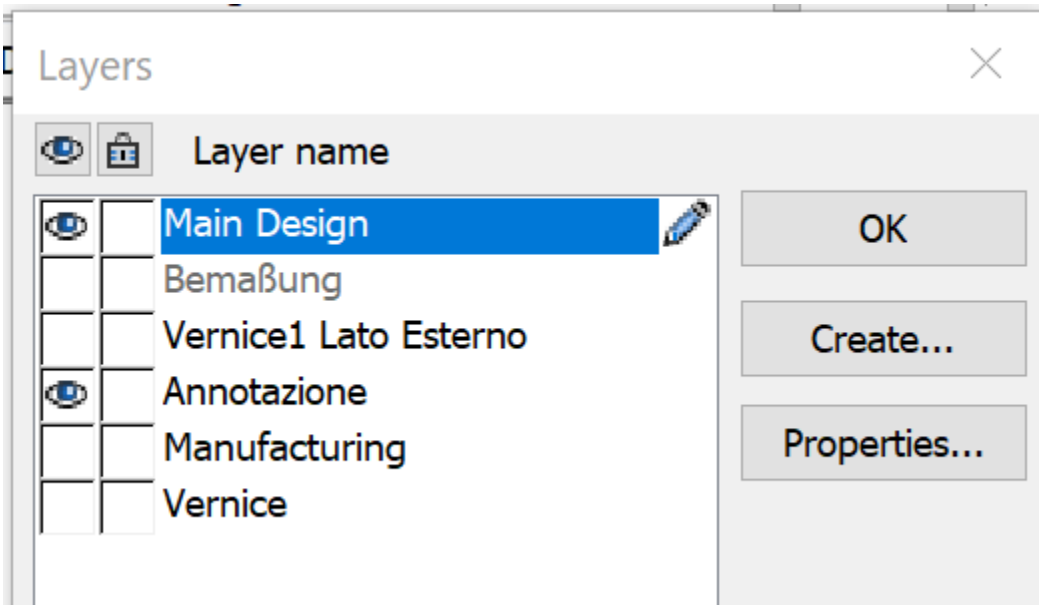
- Recent Nvidia driver updates prevented 3D anchor points and other 3D ornaments from being properly rendered. As such ArtiosCAD rendering has been updated to fully utilize openGL.
- ArtiosCAD begins to better interact w/ hi-res monitors and text scaling This is a starter. ArtiosCAD will evolve over time.



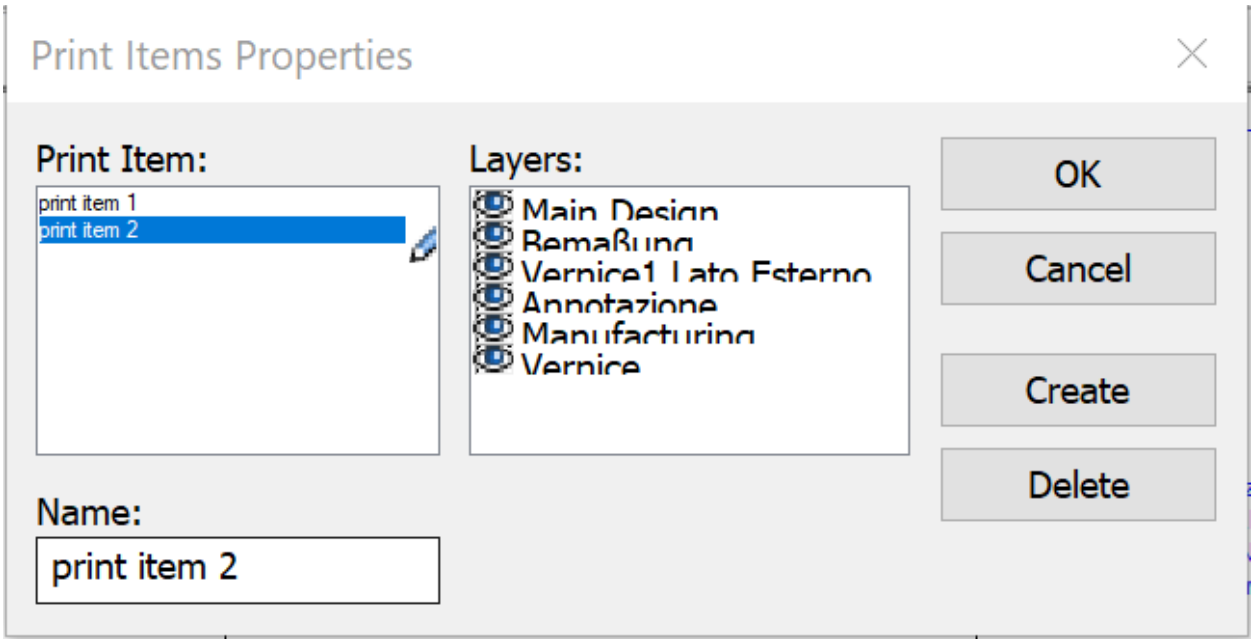
Layers dialog



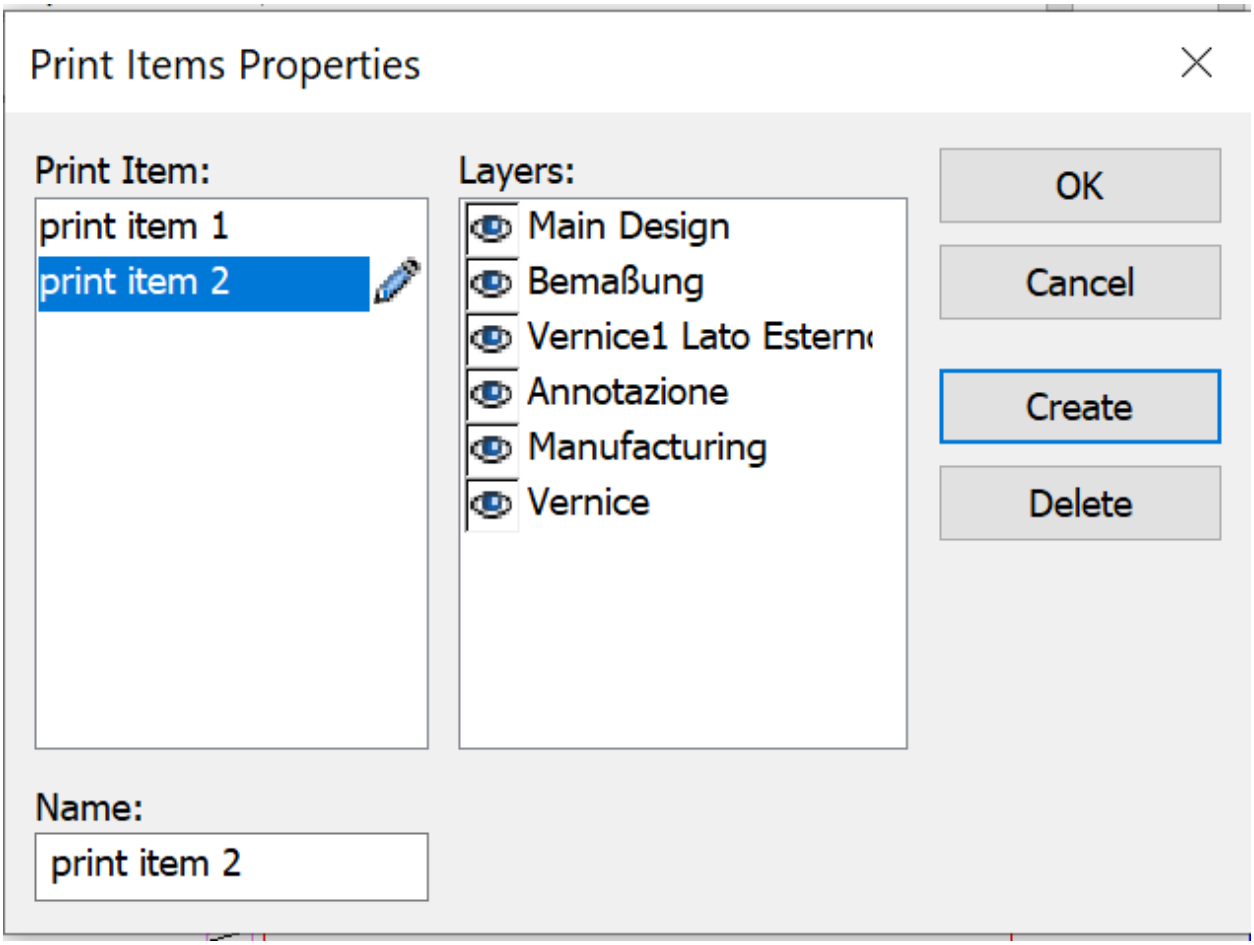
vs



Print items dialog

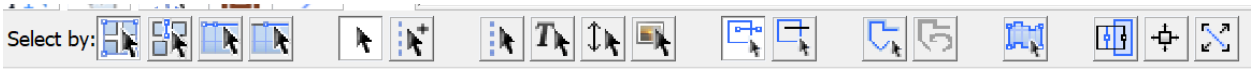


Vs



Select tool

Vs



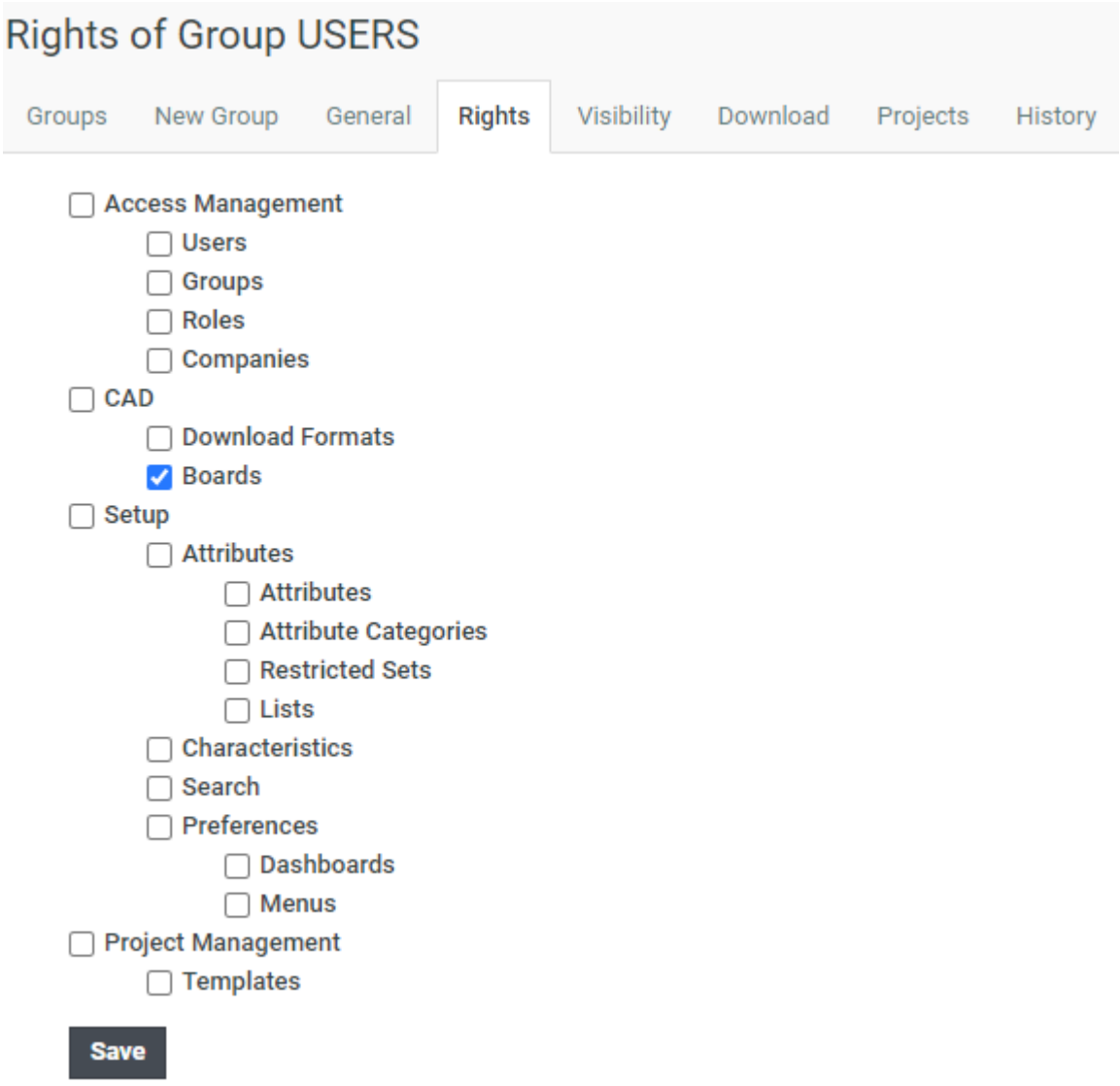
Integration Enhancements

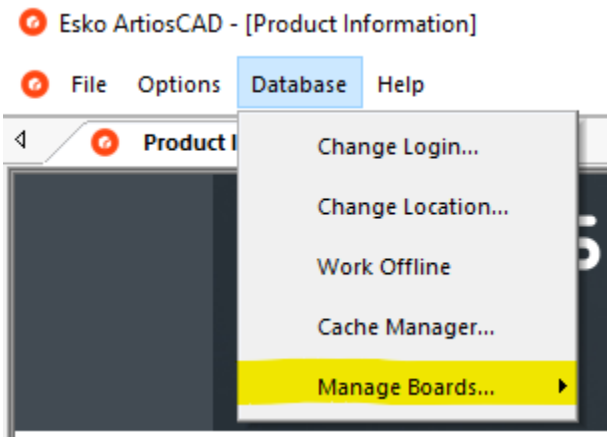
Enterprise

- ArtiosCAD Enterprise client and WebCenter interoperability:

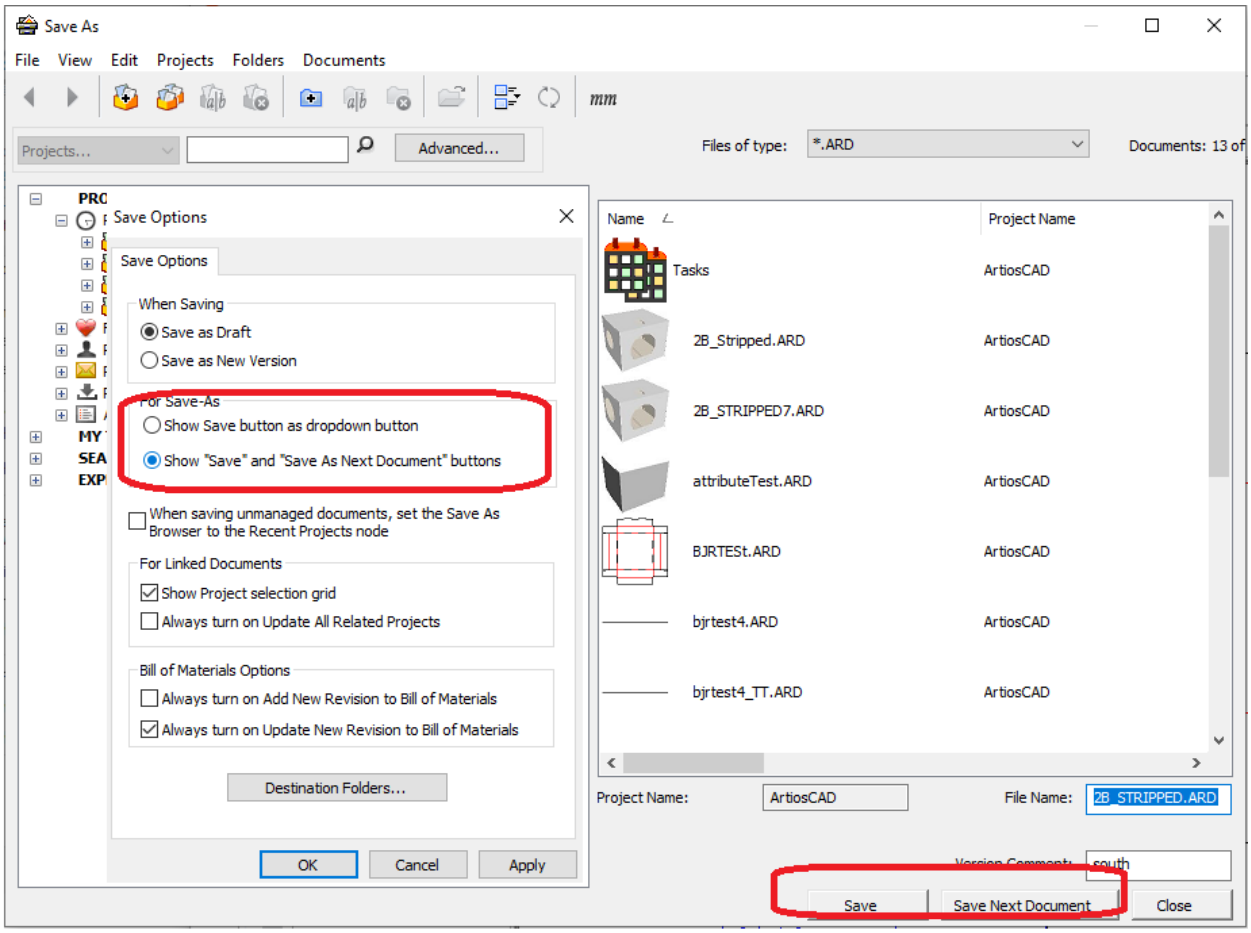
ArtiosCAD 23.11 should only be used with WebCenter 23.11 due to flexible admin for boards and to be able to experience task type performance improvement.

- ArtiosCAD is able to access the group rights and edit boards if the right has been granted

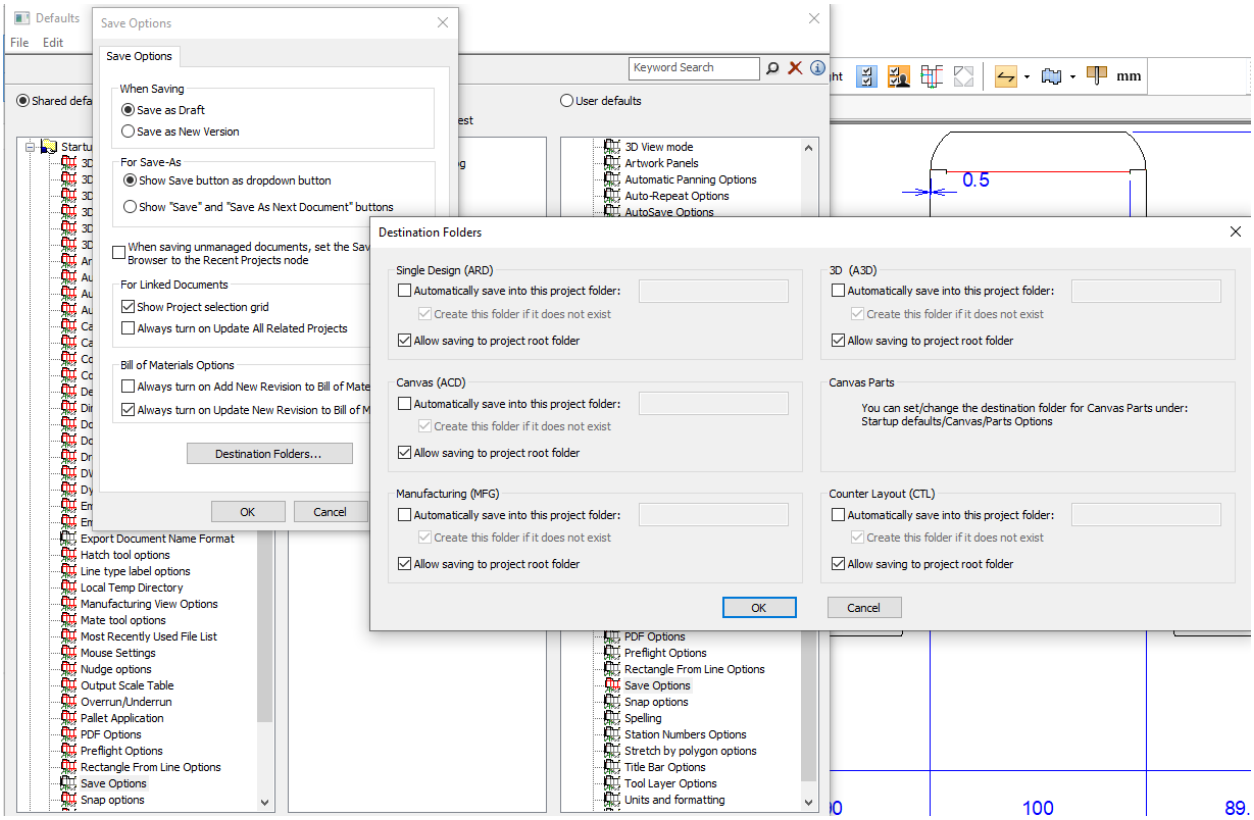




- ArtiosCAD has been improved to handle very large numbers of task types. It will no longer timeout.
- BOM report creation performance has been improved relative to 18.1.1
- A new save option has been introduced to allow easily select a *Save-As* option.



- ArtiosCAD now has the ability to save to predefined folders. A folder can be specified per document which will allow a designer to save to a project and have the document saved to the predefined folder. The designer call still save to a different folder in the project if selected.



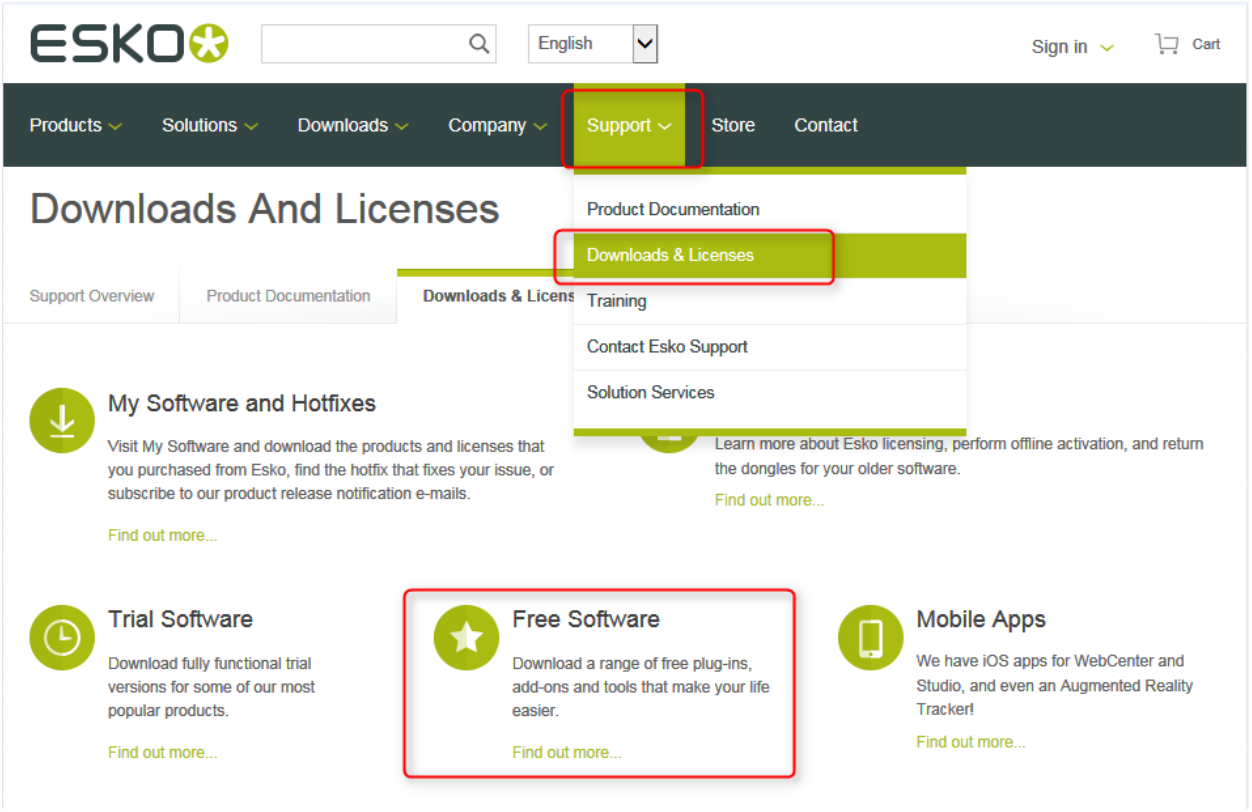
- Flexible admin for boards

Problem fixes:

	Customer reported fixes
ACAD-10486	ArtiosCAD: Layout to MFG – parts movement
ACAD-10492	ArtiosCAD 23.07 PDF Import will not save Flute/Grain Direction
ACAD-10499	Re: Linpak with MC – PDF files from ArtiosCAD freezes CorelDRAW
ACAD-10519	ArtiosCAD 23.03 pdf import
ACAD-10550	Issue with GeoMacro – ArtiosCAD Enterprise 23.07 bld2318
ACAD-10556	Output to PDF shows scaling issue
ACAD-10592	ArtiosCAD Rule Path Bridging Corruption and Software Crash
ACAD-10652	Station number missing in cf2 output when using report
ACAD-10660	ArtiosCAD – Manufacturing report problems
ACAD-10666	Problem with the integration between ArtiosCAD and CAPE
ACAD-10672	ArtiosCAD Enterprise 23.07 bld 2318 browser issue when opening a file
ACAD-10742	Export PDF with Layers issue…
	Important internal fixes
ACAD-8826	Sending 3D design to CAPE after using Cross Section tool fails
ACAD-10431	ArtiosCAD – Cape 3D Weight Calculation is Wrong? + material selection
ACAD-10424	ArtiosCAD can appear to hang when trying to start up spell checker

Important Notes for All Users

- Starting with 18.1.1, ArtiosCAD introduced preflight with some automatic corrections. One of these auto-corrections included the ability to remove double knives/lines. The preflight correction ability resulted in an algorithm that now favored longer lines over shorter lines, as a way to make better technical designs. Previously, shorter lines were favored. Rebuildable designs have been encountered where "double knife" removal was used as a design technique to create slots for example of small cuts lines over creases. This has caused some issues where item references which might have existed before are now being deleted during the double line removal step and causing rebuilds to be incorrect or fail. This technique was not anticipated. ArtiosCAD is restored some of the rebuild issues and is still working through others.
- **If the deployed licensing for ArtiosCAD is a network license, the license server *must* be updated with the new system controller provided on the installation media**.
- Flexnet is the only licensing system utilized in ArtiosCAD. Users must be prepared to convert the licensing from the hardware key, Sentinel LM or Elan LM to Flexnet. As of Jan 2016, Esko will no longer be able to provide licenses for legacy licensing systems.
- Esko now provides a knowledge base at http://help.esko.com/knowledgebase. This site can be used to find detailed information for ArtiosCAD and other Esko products about many support questions raised to Esko.
- Esko software can be downloaded from https://mysoftware.esko.com with a valid support account.
- User documentation and help will be available from an online Esko site. Documentation will not be available from the media. The main site is http://help.esko.com from which ArtiosCAD and other Esko product documentation is available. The ArtiosCAD help menu will bring the user to the ArtiosCAD help page.
- The most current Adobe®Illustrator® Esko plugins can be found at http://www.esko.com. Navigate as described below.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Solutions
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Company
Support
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Contact
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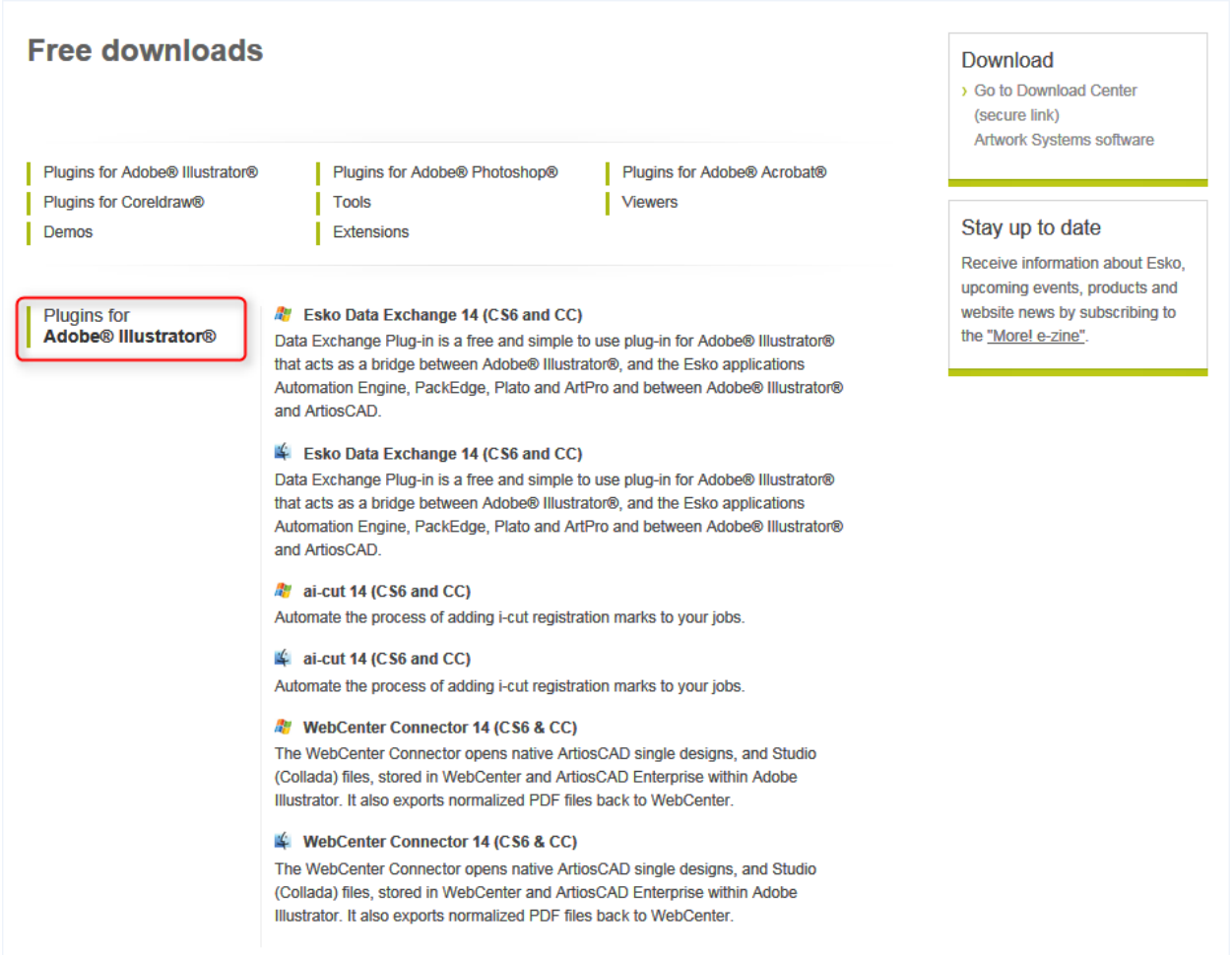
Mobile Apps
We have iOS apps for WebCenter and Studio, and even an Augmented Reality Tracker!
Find out more...



- PCIQ fonts will be removed after ArtiosCAD 20. Please use true-type fonts.
- The Artios (introduced circa 1996 as a transition to ArtiosCAD) and DBH (the original interact format) file formats and use of the devtab as a configuration file for communicating with printers and ports are considered obsolete and support for them will be removed in post 18 versions of ArtiosCAD.
- Exports under File > Export > ArtiosCAD 3.2x and lower may be removed in future versions of ArtiosCAD.
- Windows 11, Windows 10 editions has been certified for use with ArtiosCAD as a standard mouse-controlled application. There are some installation limitations. See

  KB344821882: Which versions of Windows 10 are supported?

  - There are Metro GUI limitations:
    - The application folder structure organized in previous versions of windows 8 has been flattened. There will be multiple application tiles.
    - There is no support for touchpads nor touchscreens and any use of gestures is purely coincidental.

- The IOServer (ArtiosIO) is now supported on Windows 7 and higher since Artioscad 14. 1. This means older DataTech plotters still using the IPC controller or any device with an RS232 connection will be supported
- Many users have or are planning to deploy Citrix, Terminal Services (TS) environments or some other application hosting system. Esko has *not* officially certified ArtiosCAD for use in a Citrix or TS environment, however, Esko does not prevent its use as long as the customer accepts responsibility for deployment and support of the environment.

  Esko has verified that ArtiosCAD can run as a Citrix or Terminal Services client and has licensed ArtiosCAD appropriately, however, there are some limitations, *including but not limited to*:

  - Flexnet network licensing must be used.
  - License reservation or denial via floating license servers is not supported.
  - Graphics cards are installed on a Citrix or TS server and ArtiosCAD 3D uses the server card for 3D rendering. The performance of many concurrent 3D users is unknown.
  - The exact server specifications (example, memory, processor) for a given set of clients is unknown.
  - There are essentially no user defaults, since every Citrix or TS client is running from the same Citrix server.
  - There have been reports that access to local devices like hard drives or printers can freeze the machine. It is unknown if these issues have been addressed in newer versions of Citrix.
  - The HASP key used for the Alma PowerNest software in the ArtiosCAD rubbering layout can not be recognized by Citrix or TS and must be used on a client not connected to the Citrix server.
  - 64-bit Citrix has not been tested in any way.

- Many users are planning to deploy VMWare ESX-based solutions, Hyper V (Windows Server Virtualization), Citrix XenServer or other hypervisor technology. Esko has *not* officially certified ArtiosCAD for use in this environment, however, Esko does not prevent its use as long as the customer accepts responsibility for deployment and support of the environment.

- Artioscad has been certified for VMware Fusion v7. The customer may run later versions of his own accord on hardware and OS of his choosing, but Esko provides no warranty of the resulting combination.

- 3D graphics cards… newer computers often come with some form of switchable graphics technology. This means that there are two or more video cards that switch off doing rendering duties on the system. Because of this, it is entirely possible that ArtiosCAD will be run using the low end, power saving chip. This drastically lowers

performance, and may introduce issues when working within ArtiosCAD 3D. It is sometimes also possible that the current chip changes, which can lead to all sorts of stability issues. It is recommended that the user go to the control panel controlling the graphics cards (NVidia Control Panel or AMD Catalyst Control Center) and create a profile for ArtiosCAD so it will use the high end chip always.

A number of rendering issues with NVidia cards and openGL have been raised. Changes were made to what is believed to be an improvement in the error handling of newer NVidia cards particularly those with dual graphic cards.

- Since its inception, Artioscad has provided a database schema that has always been backwards compatible with previous versions of Artioscad and 3rd party applications. An ArtiosCAD enterprise edition has now been released and utilizes a new database backend (WebCenter). It is expected that the database functionality for the conventional ArtiosCAD edition will be frozen at its current level. New design functionality will continue to be added. It is expected that a single database edition will be created in the future.