

# ArtiosCAD 16.1.1

What's New?

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## Summary of What's New in ArtiosCAD 16.1.1

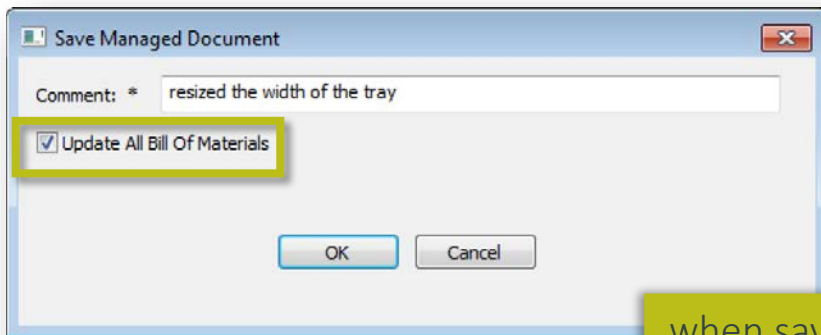
- Automatically add designs to the BOM from the canvas, including hardware
- Quick access to project and document information from the project bar
- Additional tabbed sections can be added to database and search information dialogs
- UX improvements for Canvas design viewing & view ARD names in the parts list
- Auto-name canvas part documents using the part names
- Automatically add Canvas parts to a BOM when saving
- Import parametric designs to a Canvas document with options for mapping variables
- Unique board caliper per part in Canvas designs
- Added new FFR hooks 7253469301-03, 7252641801-03 and 7256652001-004
- Show linked documents in the enterprise browser
- New outputs for Kongsberg sample tables



## User Experience

- Simplified user navigation
- Reduced key-clicks
- Eliminating wasteful steps

# Automatically Add New Designs to BOM

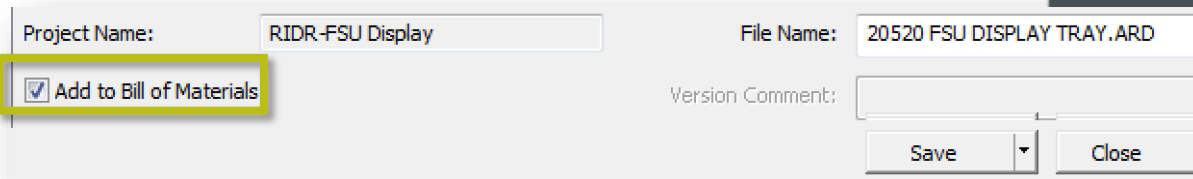


when saving new revisions  
or a new document

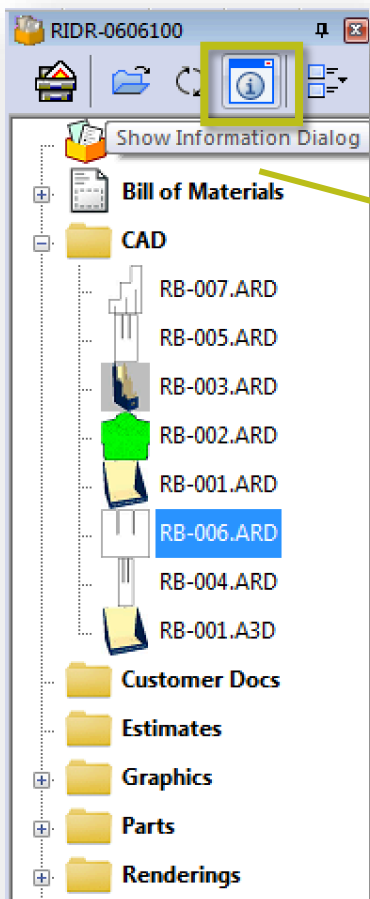
Quickly create the BOM directly  
from Canvas the design

Save time by eliminating multiple  
key-clicks

Avoid the mistake of missing parts  
in the Bill of Materials



## Quick Access to Project Information



access project and document information directly from the project bar



Quickly access database information while designing

Save time by eliminating multiple key-clicks

Stay focused on your design task

# Tabbed Database Information Dialogs



Project information

4 General Designer Info CSR Info Estimate Info Sample Info Order Details

Number of Samples Needed: 5

Board Grade: EB Flute

Sample Table Used: Kongsberg C60

Cutting Time: 52 seconds

Project information

4 General Designer Info CSR Info Estimate Info Sample Info Order Details

Name: RIDR-Floor display Status: Just created

Created: 1/11/2018 4:49:06 PM Due On: Jan 24, 2018 4:44 PM

Modified: 1/11/2018 4:54:49 PM Manager: John Smith

Description: Floor display for bottles

Customer: Esko Location: Gent

Salesperson: James Duffy Characteristics... Attributes...

OK Cancel

SKU Details

Category: Sport Market: Health & Beauty

Brand: ALCIS Business Unit: Gent

Format: Carton Display

Product: 961224-EV Location: Ludlow

organize document or project information in tabbed forms

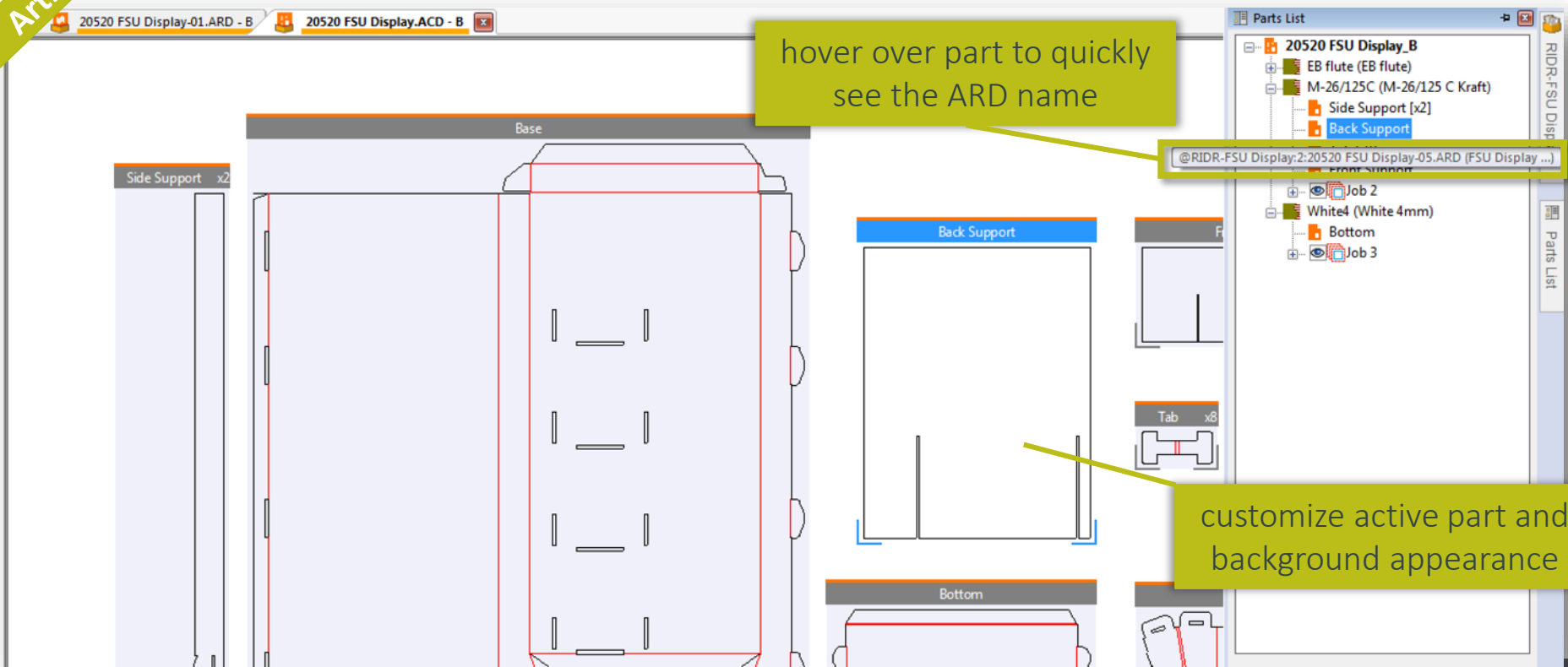


## Design Canvas

- Eliminate wasteful steps
- Reuse existing assets
- Speed up the design cycle



# UX Improvements



hover over part to quickly see the ARD name

@RIDR-FSU Display;2:20520 FSU Display-05.ARD (FSU Display ...)

customize active part and background appearance



## Use Part Name for Canvas Designs



<input checked="" type="checkbox"/>	Part Name	Filename	Revisor	Version	Location	Database Information	Save	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	Tray	Autogenerate (Canvas) Autogenerate (Part)	0	0	@RDR-Wine display	...	Create New Document	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	Side Support		0	0	@RDR-Wine display	...	Create New Document	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	Base		0	0	@RDR-Wine display	...	Create New Document	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	Bottom	BOTTOM.ARD	0	0	@RDR-Wine display	...	Create New Document	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	Back Support	Back Support.ARD	0	0	@RDR-Wine display	...	Create New Document	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	Tab	Tab.ARD	0	0	@RDR-Wine display	...	Create New Document	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	Front Support	Front Support.ARD	0	0	@RDR-Wine display	...	Create New Document	<input checked="" type="checkbox"/>

automatically use part names for ARD documents

Save time by eliminating duplicate data entry

Maintain consistency between the Canvas parts and ARD files

Flexible configuration

## Seed the BOM from the Canvas



20520 FSU Display-01.ARD - B 20520 FSU Display.ACD - B

Side Support x2 Base Back Support Front Support

Save Parts

<input checked="" type="checkbox"/>	Part Name	Filename	Revisor	Version	Location	Database Information	Save	<input checked="" type="checkbox"/> Add to Bill of Material
<input checked="" type="checkbox"/>	Tray	Autogenerate (Canvas)	0	0	@RIDR-Wine display	...	Create New Document	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	Side Support	Autogenerate (Part)	0	0	@RIDR-Wine display	...	Create New Document	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	Base		0	0	@RIDR-Wine display	...	Create New Document	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	Bottom	Bottom.ARD	0	0	@RIDR-Wine display	...	Create New Document	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	Back Support	Back Support.ARD	0	0	@RIDR-Wine display	...	Create New Document	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	Tab	Tab.ARD	0	0	@RIDR-Wine display	...	Create New Document	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	Front Support	Front Support.ARD	0	0	@RIDR-Wine display	...	Create New Document	<input checked="" type="checkbox"/>

Comment: "

Save Close

automatically add parts to the BOM with copy count

Quickly create the BOM directly from the Canvas design

Save time and eliminate wasteful steps

Keep the focus on the design task



# Import Parametric Designs into a Canvas

Import File As New Part - SS\_DBL\_BTM.ARD

Reset All Variables

Name	Description	Action	New name	Formula	Current value
L	Length	Add new variable	L2	UNITS(400,16) <i>f(x)</i>	400.00
W	Width	Add new variable	W3	UNITS(300,12) <i>f(x)</i>	300.00
D	Depth	Add new variable	D2	UNITS(200,8) <i>f(x)</i>	200.00
Flom	Front	Add new variable		UNITS(100,4) <i>f(x)</i>	100.00

Variable already exists in the canvas

Show invisible menus and variables

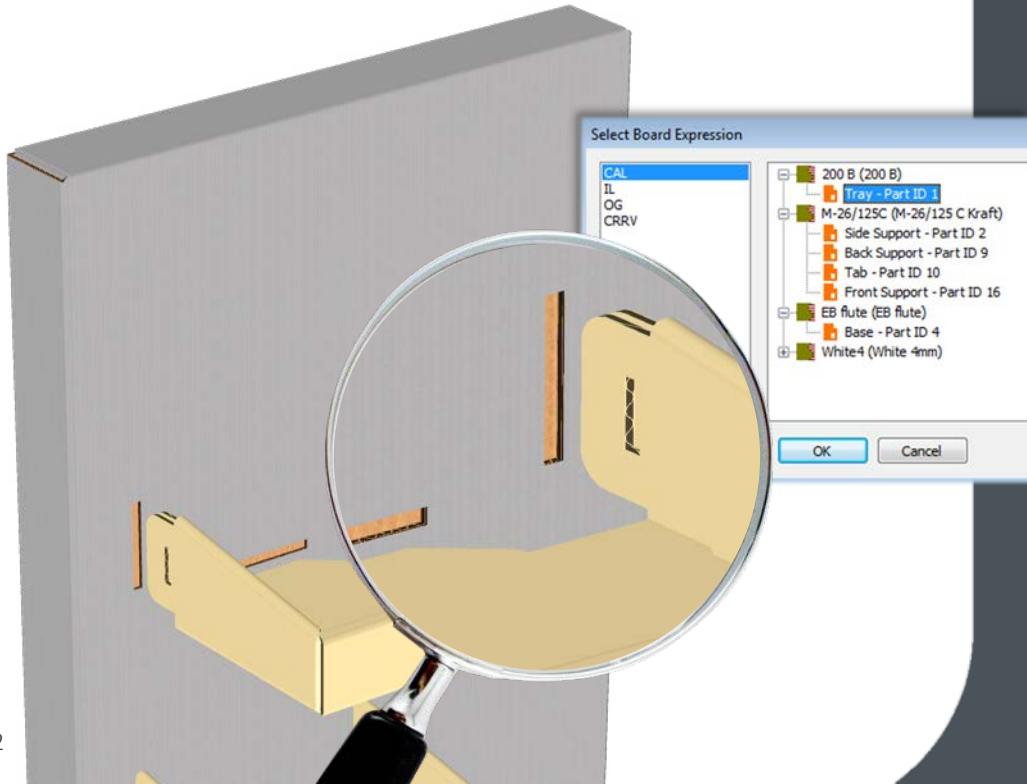
OK Cancel

options when importing new variables

Action  
Add new variable  
Use formula or value  
Use existing variable

map imported variables to Canvas variables

# Multiple Board Calipers per Canvas

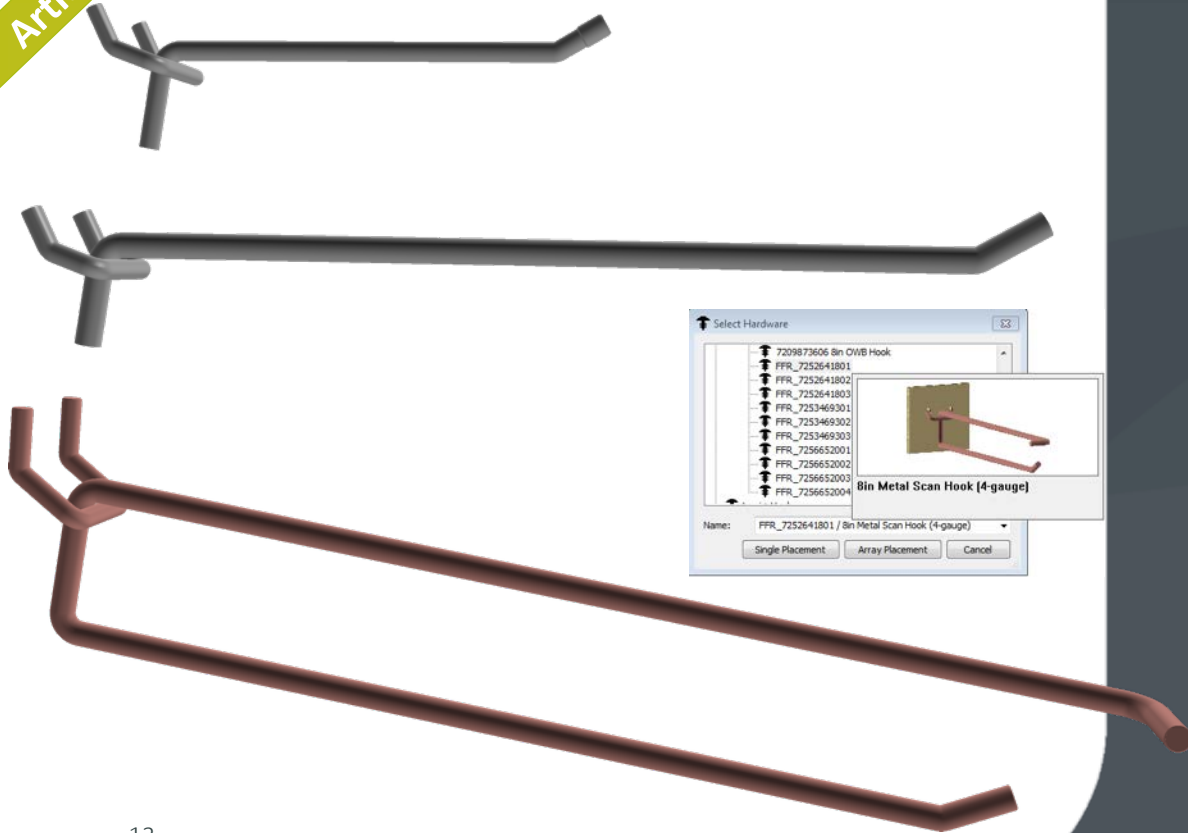


Rebuild related parts based on material allowances

Automatically resize slots based on board caliper of related part with tabs

Save valuable design time with automatic design updates

## More Display Hooks



Added to the 3D hardware library:

4-in Metal Peg Hook Ball End (7-gauge)

8-in Metal Peg Hook

8-in Metal Scan Hook (4-gauge)



## Design Collaboration

- Integrated process management workflow
- Eliminate wasteful steps

## Show Linked Documents in Browser



Name	Project Name	Version Number	Board Code
20520 FSU Display-01.ARD	RIDR-FSU Display (Design Library Trays)	3	EB flute
20520 FSU Display-02.ARD	RIDR-FSU Display	2	M-26/125C
20520 FSU Display-03.ARD	RIDR-FSU Display	3	EB flute
20520 FSU Display-04.ARD		2	White4
20520 FSU Display-05.ARD		2	M-26/125C
20520 FSU Display-06.ARD		2	M-26/125C
20520 FSU Display-07.ARD	RIDR-FSU Display	2	M-26/125C
20520 FSU Display.A3D	RIDR-FSU Display	1	

easily see when a document is linked in more than one Project

Quickly see linked documents

Quickly see all projects containing the linked document

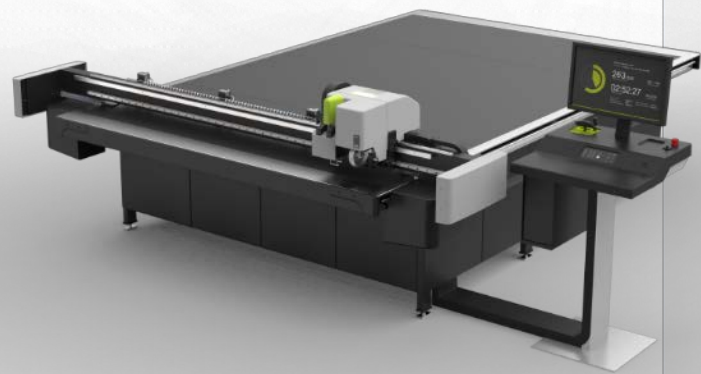
Helps reduce file operation mistakes



# Kongsberg Outputs

updated outputs for Esko Kongsberg tables

- Kongsberg
- Kongsberg XN 40 print face cutting
- Kongsberg XP 20 print face cutting
- Kongsberg C24
- Kongsberg C44
- Kongsberg C46
- Kongsberg C60**
- Kongsberg C64
- Kongsberg X20
- Kongsberg X22
- Kongsberg X24
- Kongsberg X44
- Kongsberg X46
- Kongsberg X48
- Kongsberg XE10 - FC
- Kongsberg XPA
- Send to iPC





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