

# iC3D DESIGNER PRODUCT SHEET

## 3D PACKAGING SOFTWARE

iC3D Designer is the essential software portfolio ideal for designers and content creators, with the most pressing needs in packaging design visualization.

iC3D Designer offers an affordable selection of the most essential and versatile capabilities for creatives. It enables users to produce better artwork and 3D presentation material for collaboration and approval. With iC3D Designer you can build new business with minimal outlay, save time, avoid errors and offer a unique 3D service without any prior 3D expertise.



**HYBRID  
SOFTWARE  
GROUP**



### RECOMMENDED SPECIFICATIONS



Mac – 12 +

- i7, M1/M2 8-Core + (64bit)
- GPU 2GB +
- 16GB RAM +



PC – Windows 10 + (64bit)

- i7 8-Core +
- Nvidia/AMD GPU 2GB +
- 16GB RAM +



Adobe Illustrator CC 2020 +



HYBRID Software PACKZ 8.0 +

### MAIN FEATURES

- **Folding Cartons Module**  
Folding cartons, boxes, points of sale.
- **Flexible Bags Module**  
Sachet bags, custom sachet bags, stand up pouches, stand up pouch with tap, flat bottom bags, gusseted bags, quatro gusseted bags, multi wall bags, paper bags, and pillow bags.
- **Labelling Module**
- **Customizable lighting, textures, and backgrounds**
- **Extensive materials library**  
Glass, plastics, metals, fabrics, liquids, textures, and more. Completely customizable with iC3D material editor.
- **User-friendly interface with a short learning curve**
- **Compatibility with major 3D printers for physical prototyping**
- **Streamlined workflow for fast mockups and prototypes**



Direct connection  
to HYBRID Software  
**PACKZ**



Connection  
to Adobe  
Illustrator



# Modules Comparison Sheet

Features / Modules		Description / Benefits	iC3D suite	iC3D select	iC3D designer	iC3D modeller
<b>Complete 3D "Real-Time" Visualisation - Bottles, Bags, Cartons, Tins, Shrink, POS, Shelf</b>		"All-in-one" 3D ideation, design and production solution for Packaging Creatives. No additional 3rd party software required, just Adobe Illustrator and iC3D	●			
<b>Floating Licences / Mac or Windows</b>		Install on multiple Mac/Windows. License by amount of concurrent users required	●			
<b>Easy to Learn &amp; Use - one application</b>		No prior 3D knowledge required. Creative Cloud users learn iC3D in a couple of days	●	●	●	●
<b>KEY FEATURES</b>	<b>3D Shape Modeller Module</b>	Easily create your own 3D packaging models – no matter how complex	●	●		●
	<b>Point Editor / Physics Module</b>	Advanced manipulation of 3D models, meshes/surfaces. Create realistic creasing dents	●	●		●
	<b>Carton/Box/POS Module</b>	Allows import of Dielines, editing, cuts, folds, corrections, artwork placement, animation	●	●	●	
	<b>Labelling Module</b>	Allows import and interactive patented sliding / placement of labels on 3D models	●	●	●	
	<b>Flexible Bags Module</b>	Allows 3D models to be created, imported & labels/artwork interactively positioned	●	●	●	
	<b>Shrink, Shrink Correction Module</b>	Create shrink film/wrap - accurately visualise, distort & correct artwork for print	●			
	<b>Sealed Shrink Bag Module</b>	Accurately create sealed bags with artwork correction for fresh food products	●			
	<b>Shelf Visualiser Module</b>	Create, place, visualize & compare with other versions or competitors products	●	●	●	
	<b>"Real Time - Ray Tracing" Module</b>	Photographic quality rendering in real time. Adjust lighting, materials & view instantly	●	●	option	option
<b>3D Model Library</b>		Bottles, bags, cartons, tins, containers, trigger spray, caps, ring pulls, display Tray	●	●	●	●
<b>Materials, Textures Library</b>		Plastics, metallics, liquids, glass, wood, paper, card. Customizable, unlimited materials	●	●	●	●
<b>Carton Substrate Library</b>		Single & double sided substrates, edges, customizable, unlimited	●	●	●	
<b>3D Template Library</b>		Flexible bags, display trays, tubes, magazines, DVD's, pallets, shelving	●	●	●	
<b>Export Preset List</b>		Different camera preset views can be exported as a group for approval and publication	●			
<b>2D Spinner</b>		Create spherical bottles, tins, shapes & conical labels. Import (DXF, CF2) files	●	●		●
<b>Adobe Illustrator Bi Directional Link</b>		Fast artwork placement between Illustrator and iC3D	●	●	●	
<b>HYBRID PACKZ - Bi Directional Link</b>		Fast artwork placement between PACKZ and iC3D	●		●	●
<b>PDF Native Import Editor/Renderer</b>		Position any PDF artwork directly on 3D model. Hide PDF layers to create desired result	●			
<b>Import Formats 3D</b>		Collada (.DAE/.ZAE), Modo (.LXO), 3ds Max (.3ds), 3ds Max (.ase), Wavefront (.obj), LightWave (.lwo), Milkshape 3D (.ms3d), iC3D (.ic3), STL (.stl)	●	●	●	●
<b>Import Formats Die Line</b>		Illustrator, PDF, DXF, CF2 files, (ArtiosCAD via Esko plugin) & other CAD programmes	●	●	●	
<b>Illustrator Layers Effects</b>		Separate layers & spot colors can be used for special visual & print finishing effects	●	●	●	
<b>UVW Editor</b>		Allows artwork to be correctly distorted to fit any 3D model shape	●	●	●	●
<b>Bump Displacement</b>		True Emboss and Deboss effects (surface deformation) on labels, cartons & 3D models	●	●		●
<b>Lenticular, Holographic, Fresnel Effects</b>		Allows security and special foil and image effects to be applied, edited and visualized	●	●	●	
<b>Correction Tools - image &amp; print beautification</b>		Hide back labels. Global /local color correction. White ink /transparency visualization	●			
<b>Liquid Fill Effect</b>		Allows liquid bottle filling effects to be visualized	●	●		●
<b>Floor Reflections</b>		Generate photographic quality product reflections (fully adjustable studio effects)	●	●	●	
<b>Interactive Studio Lighting &amp; HDRI Generation</b>		Create your own photo studio. Add/edit lights, color, shadows, angles, fades & opacity	●			
<b>Dynamic Backgrounds</b>		Use any 2D background picture together with your 3D content. Generate HDRI maps	●	●	●	
<b>Transform Features</b>		Allows accurate position, scale, rotate, zoom & distortion of 3D models	●	●	●	●
<b>Real World Lighting / HDRI Environments</b>		Image Based Lighting. For accurate visualization of lighting conditions on 3D models	●	●	●	●
<b>Camera Movement</b>		Pitch, Yaw, Zoom & Field of View, individually controlled freehand or incrementally	●	●	●	●
<b>Animation / Recording</b>		Create professional .MOV movies for marketing, displays, checking fold sequences etc.	●	●	●	
<b>Export 3D files, Collada/DAE, OBJ, STL</b>		Export to Photoshop, production workflows and to 3D printers	●	●	●	●
<b>Export Hi-Res Images &amp; Augment Feature</b>		Print high quality print ready images - PDF, JPG, PNG, TIFF. Upload data into Opsis cloud	●	●	● *	● *

\*25 model limit



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