IC3D Suite

The breakthrough application bringing Real-Time,
3D visualization and desktop simplicity
to professional-level packaging ideation & design.

The world's first 3D real-time packaging simulation and design application to combine multiple packaging disciplines in one product. Other software applications frustratingly separate design applications into cartons, flexibles, bottles or store visualizations. IC3D Suite encompasses these and more, allowing these elements to be seamlessly combined in the same scene.

IC3D Suite is the first 3D packaging visualization software to offer patented Auto Mesh Mapping software which allows labels and artwork to be instantly slid over complex models without the need for tedious UVW mapping of texture coordinates. IC3D Suite comes with a direct link to Adobe Creative Suite allowing your 2D Illustrator artwork to be perfectly mapped onto 3D models as base artwork or as labels.

Once finished, output hi-resolution images, PDF proofs for mark-up or share your designs with colleagues and customers using the IC3D Suite Movie exporter, which creates portable compressed movie files that can easily be shared.

IC3D Suite for:

- **Packaging Designers** | Easily turn your 2D ideas into stunning 3D images
- **Tradeshops** | Dive into the 3D service market and add value simply
- **POS/POP & Large Format** | Rapid 3D prototyping of folding cartons and displays
- **Creative Agencies** | Attract new clients, expand 3D services and enhance creativity
- **Brand Owners** | Protect your brand, consistency and add marketing services

3D Model Creation

No matter what inspires you, bring it to life with IC3D Suite. Import models from all major 3D applications or use the extensive IC3D Model Library. If the vision doesn't have a template, use the IC3D Suite Model Generation Service and we'll build it exactly as desired.

Add models to the library and simply drag and drop them into the scene. Then use the Model Object Editor to interactively control multiple models and model components that are often used to build up a scene.

Real Time Editing of AI Art

Collaboration in IC3D Suite and Adobe Creative tools means you can work seamlessly and watch the vision take shape. When creating labels or base artwork within IC3D Suite, they are automatically created in Illustrator so you can add artwork to the document and interactively slide in real time on the model.

Then simply drag and drop materials from the library onto the model surface.

Labelling

IC3D's Auto Mesh Mapping software allows labels to be placed accurately onto complex models without the need for tedious UVW mapping of texture coordinates. Labels can then be seen both in 3D on a model or in 2D using the separate 2D views. These 3D and 2D views can be exported to PDF to allow for accurate mark-up.

IC3D Suite's Auto Mesh Mapping software can also be adjusted to jump gaps allowing labels to flow smoothly over gaps like ridges in tins or plastic water bottles.

Real Time 3D Environments

The 3D environment generates the required 3D shaders on the fly in order to correctly render all changes to models, materials and environments. No need to wait while the display updates, changes are applied in real time, meaning you can instantly tweak them to create the effect you are looking for. This is done with Image Based Lighting, which uses HDRI or EXR environments to calculate accurate and realistic lighting. You can also import HDRI and EXR format environments directly into IC3D Suite so the models are shown in the environment of your choice.

Complex Scene Staging

All of the above comes together to allow the staging of complex and dynamic scenes using cross discipline packaging type. The result is a complex scene which can be saved and exported as a high resolution render, a 3D model, a movie and printed on any 3D printer.

The labels and artwork used in the generation of the scene can also be output with screen shots of the scene automatically to a PDF for collaborative review and mark-up.

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