

# Adobe Photoshop & Illustrator



## Photoshop 6.0 and Illustrator 9.0 Integration

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Did you ever wonder how to move files between Photoshop and Illustrator (and vice-versa) most effectively? Or maybe you've always placed your files but wondered what the advantage of opening them was. This tip and technique demonstrates the most common ways that Photoshop 6 and Illustrator 9 play well together and what you can do to prepare your files to take advantage of their integrated features in your own publishing workflow whether it be web or print, or both!

**Common UI** — Across the Adobe product line, tools, palettes, features and keyboard shortcuts are created with consistency, logic and ease of use in mind. Where appropriate, products share core technologies such as the Save for web feature, the pen tool, type, pdf and color management. When needed however, both applications are customized to meet the needs of the customers such as the object based model in Illustrator and the layer based model in Photoshop.

**Consistent color settings** — Color settings from both Photoshop 6.0 and Illustrator 9.0 can be created, saved out as a file, loaded back into the other application and shared because they both share ACE (Adobe Color Engine). Colors are also displayed consistently on screen and print accurately from either application.

**Layers** — You can export Illustrator files in native Photoshop format (.PSD) retaining Layer information, including stacking order, layer names, sub layers, transparency, blend modes and opacity masks. When creating files to be exported from Illustrator to Photoshop (because Illustrator follows an object model and Photoshop a Layer model), it is to your advantage to apply effects in Illustrator to at the layers level as oppose to the object level. When opening a layered Photoshop document in Illustrator, the option to support layers is available. This option keeps Photoshop layers separated so that changes like applying filters, repositioning and editing masks are available. (Note: not all layers (such as type and adjustment layers) are editable when opened in Illustrator)

**Editable Text** — Exporting text from Illustrator to Photoshop (as long as it's on it's own layer) remains editable. With large bodies of text, there might be a slight text reflow between the two applications when asked to convert the text. Selecting type in Photoshop and copying it allows you to paste editable text in Illustrator.

**Transparency and Blend Modes** — Layer transparency and Blend Modes are maintained for Illustrator objects on their own layers when exporting from Illustrator as a PSD. Multiple objects with multiple transparency and Blend Mode settings in a single layer in Illustrator will be flattened onto the same layer when exported to Photoshop keeping the layer Blend modes and Transparency for the layer. Photoshop files with layers, when opened in are converted into objects, retaining layer transparency and blend modes

**Opacity masks** — Opacity masks applied to Layers are retained on export form Illustrator to Photoshop. Likewise Illustrator has the ability to open Photoshop files with opacity masks and retain and edit their information.

**Vector paths** — Copying paths from AI can be pasted into Photoshop and defined as a path, shape layer, or pixels. In addition, placing Photoshop files with Layer clipping paths into Illustrator will remain editable even if they extend beyond the Photoshop image area. Photoshop paths can be copied and pasted into Illustrator to be used as spines for gradient blends, type on a path and masking.

**Templates** — Photoshop files placed into Illustrator in a variety of ways. They can be placed as templates (dimmed to a lesser opacity) and used for tracing or, they can be placed and embedded or placed as linked to be used as elements in a layout. Linked elements have pointers to the placed files on the hard drive where embedded objects become part of the illustrator document.

**Shared Plug-Ins** — Photoshop and Illustrator can share third party Plug-Ins for raster filters.