

# Prinerger Tools User Guide

Prinerger Tools is a set of licensed plugins for creative applications such as Adobe Illustrator. It is available for both Macintosh and Windows OS-based computers. Although the tools were developed for packaging converters, they can be used by any Prinerger customer.

Workflow Optimization	<p>Use and edit shortcuts to optimize Prinerger Tools Workflow. Track edits after Undo or Redo operations.</p> <ul style="list-style-type: none"><li>• Find <a href="#">shortcuts</a> to some of the interfaces or functions of the plug-ins</li><li>• Track the last edit after an <a href="#">Undo or Redo</a> operation</li></ul>
<a href="#">Barcode Tool</a>	<p>Use the Prinerger Tools <a href="#">Barcode</a> functionality to generate and edit a barcode in an Adobe Illustrator document, and save the barcode in the document.</p>
Basic Functions	<p>Use Basic Functions to:</p> <ul style="list-style-type: none"><li>• <a href="#">Import PDF</a> to preserve layers and preserve PDF graphic constructs</li><li>• <a href="#">Output PDF</a> and preserve Document and Object Screening</li><li>• View and edit the properties of selected CAD objects (<a href="#">Prinerger Selection Tool</a>)</li><li>• Draw a trim box and media box suitable for an object directly in the document (<a href="#">Trim Box and Media Box</a>)</li><li>• Dot Calibration Tool for setting highlight min dot and solid cutbacks</li></ul>
Dot Calibration Tool	<p>Use the Prinerger Tools <a href="#">Dot</a> Calibration Tool to address flexo scum dot issues in the highlight area</p> <p>Calibration feature will clip all values below the input value.</p> <p>Bump feature adjusts the minimum highlight tonal value to the input value.</p> <p>The Bump feature also allows you to adjust the maximum dot for solid areas, also known as solid cutback</p>

Eye Tool	<p>Enhances the Adobe Illustrator preview functionality:</p> <ul style="list-style-type: none"> <li>• <a href="#">Hide or display the trap area</a> to see how the design will appear when printed.</li> <li>• View the screen dots in the Illustrator file that are smaller or larger than the set percentage values for the <a href="#">minimum dot</a> and <a href="#">maximum dot</a>.</li> <li>• View all the areas that are greater than the set percentage value for the <a href="#">Total Area Coverage</a>.</li> <li>• Use the <a href="#">Opacity Preview</a> to check objects containing keepaway trapping areas where dark areas are not distinguishable from other areas.</li> <li>• <a href="#">Zoom</a> magnification up to 100000% can preview the smallest detail in the file.</li> <li>• Check the trapping effect by toggling the <a href="#">Show/Hide trapping layer</a> icon.</li> <li>• <a href="#">Compare the current file</a> opened in Illustrator with previous samples and display the differences.</li> <li>• <a href="#">Calculate the ink area coverage of each ink channel</a> after the file is saved. Then, export a TXT file that can be input directly into an ERP system to predict the ink cost.</li> </ul>
Ink Tool	<p>Use the <a href="#">Ink Manager</a>, <a href="#">Ink Mix</a>, and <a href="#">Image Channel Mapping</a> tools to manage ink-related tasks such as converting spot colors to CMYK, updating the ink list, setting the darkest ink, adjusting ink sequence, and so on.</p>
Inspect Tool	<p>Finds problems in an Illustrator document so the user can rectify errors while the document is progressing through the workflow. This tool contains the following functions:</p> <ul style="list-style-type: none"> <li>• The ability to check each parameter of every object according to defined rules, including <a href="#">fonts</a>, <a href="#">line width</a>, <a href="#">images</a>, <a href="#">inks</a>, and <a href="#">other</a> parameters.</li> <li>• Management of the parameters used for checking, such as read, save, import and export functions and more.</li> <li>• The ability to <a href="#">run a check</a> based on the current parameter set. You can display the preflight result and interactively see the position of any objects with problems.</li> </ul>
Marks Tool	<p>Add various types of printer marks: <a href="#">center mark</a>, <a href="#">corner mark</a>, <a href="#">ellipse mark</a>, <a href="#">gradation mark</a>, <a href="#">image mark</a>, <a href="#">rectangle mark</a>, <a href="#">text mark</a>, <a href="#">station number mark</a>, or <a href="#">trim mark</a>.</p>
Production Tool	<p>A set of tools that is more intuitive and easier to use than the corresponding Adobe Illustrator tools: <a href="#">Selection Tool</a>, <a href="#">Prinergy Gradient Tool</a>, <a href="#">Line Pathfinder Tool</a>, <a href="#">Expand Text Width</a>, <a href="#">Node Optimization</a>, <a href="#">Foreign Art to Gray Tool</a>, and <a href="#">Path Editing Tool</a>.</p>

Screen Tool	<p>Use the <a href="#">Prinerger Object Screen Manager</a> to define screen information such as ink type, dot shape, angle, screen ruling, and printing method for each color in specific objects in an Illustrator file.</p> <p>Use the <a href="#">Prinerger Document Screen Manager</a> tool to define screen information such as ink type, dot shape, angle, screen ruling, and printing method for each color.</p>
Search Tool	<p>Use the <a href="#">Search</a> Tool to find all objects matching the parameters and conditions that you specify.</p>
<a href="#">Trap Tool</a>	<p>Enhances Adobe Illustrator trap functionality with these additional features:</p> <ul style="list-style-type: none"> <li>• <a href="#">Automatic Trap</a>: Use trap tickets to set commonly-used trapping parameters that will work on a selected part of a file or the entire file.</li> <li>• <a href="#">Interactive Trap</a>: Simply change trap directions or completely retrap objects.</li> <li>• <a href="#">Trap Preview</a>: Display the effect of the automatic trap or interactive trap.</li> <li>• <a href="#">Rich Black Trap</a>: Add another ink to a dark color to create a darker printing effect.</li> <li>• <a href="#">White Underprint Trap</a>: When printing on metal or transparent material, create a white background that acts as a neutral base for inks printed on top of it.</li> </ul>
Warp Tool	<p>Enhances the Adobe Illustrator warp distortion functionality:</p> <ul style="list-style-type: none"> <li>• <a href="#">Circular Warp</a>: For shrink wrap applications</li> <li>• <a href="#">Conic Warp</a>: For pre-printed labels that will be applied to conic containers</li> <li>• <a href="#">Complex Warp</a>: For metal decoration (can printing)</li> </ul>