



Collision-free text placement in Adobe® Illustrator®

MAPublisher® LabelPro™ is an add-on to MAPublisher that offers advanced and intelligent labeling capabilities beyond those available in the standard Label Features and MAP Tagger Tool. It is powered by a sophisticated label placement engine that offers a user-friendly, rule-based interface to create collision-free labels.



MAPublisher LabelPro contains many rules and algorithms that solve many of the most common map labeling problems such as complex conflict resolution across multiple layers, specifying data as obstacles and creating complex labeling conventions using user-defined rules.

MAPublisher LabelPro uses map attributes, rules and styles for labeling which provide a great level of detail and control. Map layers may be assigned in order of priority for labeling and set as label obstacles. In addition, create label filters to label unique values for a specified attribute. Labels can be placed on any defined text layer and unplaceable text can be ignored or placed on a suppresion layer. Placement rules and styles can be saved to a file and imported or shared over a network.



Choose layers, designate label and obstacle layers, create rules, create label filters, assign styles and labeling priority.

Visit www.avenza.com/mapublisher/maplabelpro for more details.

Free evaluation downloads at www.avenza.com

Line specific rules

- Label lines using symbols (highway shields)
- Specify where the label starting point will be
- Choose to place the label on the centerline or offset it above, below, or vertically split
- · Label a feature as a joined object or individual segments
- · Label divided highways with only one symbol
- Set the spacing amount between words within the same label
- Repeat label instances using a specified distance
- Specify the overhang of a label off of an object

Point specific rules

• Choose the label position by ranking up to eight positions around the point or choose to center the label on the point

Area specific rules

- · Label horizontally inside a polygon
- · Label using the dominant angle inside a polygon
- Extend a label beyond the polygon boundary
- Label outside a polygon
- · Label inside a polygon, along the perimeter

Rules for all feature types

- Allow words to be stacked by a specified number of lines
- · Determine whether to allow labels to cross lines
- Allow a font reduction that will incrementally reduce the text size to fit
- · Customize leader line style and placement
- Choose to allow overlapping labels

lacement		Allow stacking Up to 4 lines T
I Allow horizontal inside	City Park	Algrment: Feature City Park Cancel
Allow dominant angle	City Park	Save As
Allow extending beyond boundary	New City Park	Allow labels to cross lines
Allow outside	Small Lake	Dity Park
Allow inside, along boundary	Colorado River	
		Steps: 4
Allow use of leader lines	New Village	Each step allows LabelPro to shrink the
Allowed line crosses: 3		selected font by 0.5 pt, if necessary
Leader width: 1.00 pt	÷	
Arrow style: Style #	1 -	Alow overlapping labels

Fine tune labeling by setting up rules for Areas, Lines and Points.

"Projects that previously took three weeks to complete can now be done in two to three days, thanks to using the full features of MAPublisher and MAPublisher LabelPro."

Jerry Wright, New Atlas dot Com, Inc.





Geospatial PDF Export

When Map Quality Matters®



Export HTML5 and Flash maps with MAP Web Author

MAP Web Author is a standard feature in MAPublisher that works seamlessly with existing Adobe Illustrator and other MAPublisher tools to create interactive HTML5 and Flash web maps automatically without any post-processing or coding. This powerful tool can export web maps directly from new or existing map documents containing GIS data, attribute information, symbols, images, and graphic styles. The output can be customized to include layer control, pan and zoom controls, roll-overs and pop-ups.





MAP Web Author automatically creates all the files necessary for immediate placement on a web server or to be locally shared on a network. These maps can be easily embedded into existing web pages and shared online. Cartographic quality web map production has never been simpler and more efficient.

Advanced users can take web mapping further using the highly customizable MAP Web Author JavaScript API and CSS reference.

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