

A Program for Converting Closed SVG Paths into Open AI Paths

Orach Closed to Open.exe

Single-line (Pass-1) TTF and OTF fonts can encounter problems in graphics applications such as Adobe Illustrator and CorelDRAW because these applications automatically connect the first and last points of each path.

We addressed this problem with **Orach Technic Pro – Thin (ProGrav)**, a font specifically designed for engraving. It looks like a single-line font, but its outlines consist of two lines positioned extremely close together, with just enough space between them for the font to display correctly on screen.

However, industrial engraving of large production runs may require a true single-line font (Pass-1). For this purpose, we created **Orach Technic Pro 1L / Pass-1 OTF**, primarily for applications that support open paths in fonts without connecting their first and last points. One example is Rhino, which renders this font correctly.

Our Pass-1 OTF font can also be used in Illustrator and CorelDRAW, but these applications connect the first and last points of each open path within a character.

To solve this problem, we developed a program that easily removes unwanted connecting lines and converts closed paths into open paths.

How does it work in practice?

With the **Orach Technic Pro 1L / Pass-1 OTF** font, we include **Orach_Closed_to_Open.exe** free of charge. The program can run directly from the desktop without installation.

1. Enter the required text using **Orach Technic Pro – Regular (ProGraf)** in Adobe Illustrator or CorelDRAW. Then change the font to **Orach Technic Pro 1L / Pass-1 OTF**, keeping the text in the same position and preserving its layout. Next, convert the text to outlines or curves without making any further changes.
2. Save the prepared drawing as an **.svg** file, preferably in a separate folder on the desktop.
3. In **Orach_Closed_to_Open.exe**, select the saved **.svg** file and click **CREATE OPEN AI FILE**. The program automatically creates a new file in the same folder, with the same name and the **.ai** extension.

The resulting **.ai** file can be opened in Illustrator or CorelDRAW as a drawing with open paths, ready for further engraving preparation. It can be edited and refined like any other drawing, or exported from CorelDRAW to **PLT**, **DXF**, or another format supported by your machine.