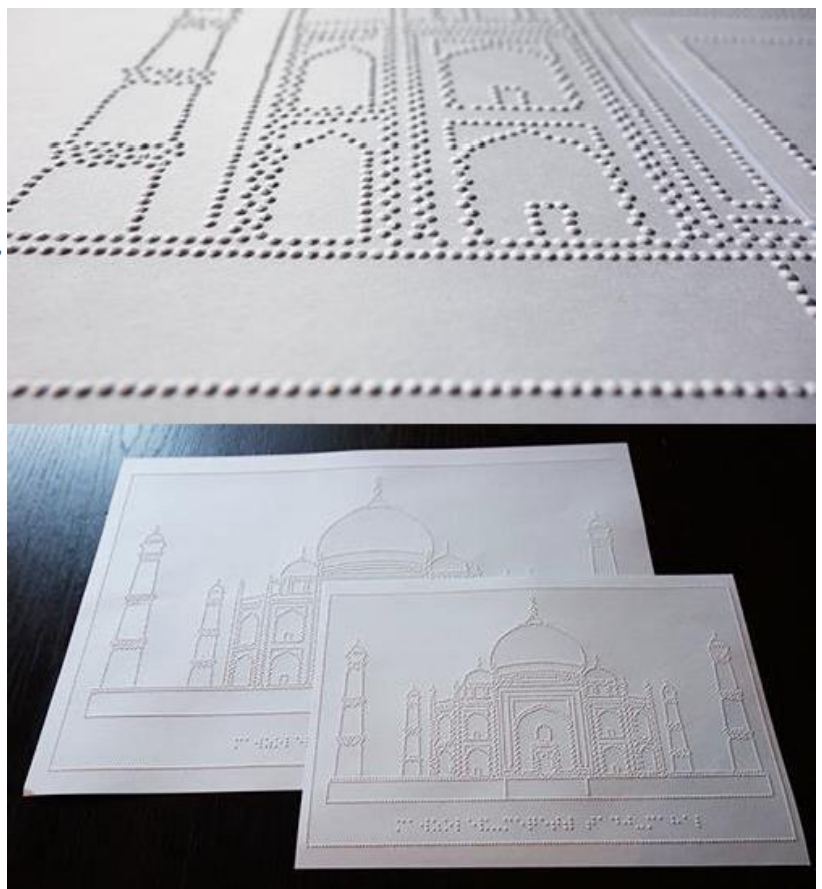# ElPicsPrint
software for tactile graphics embossing
on Index Braille embossers

The ElPicsPrint software is designed especially for preparing and embossing images on Braille embossers manufactured by Index Braille. A tactile image is a source of information about the object drawn on the image for those who explore it with fingertips, just like a usual image in full color is such a source for a sighted user. With ElPicsPrint you will be able to prepare and emboss an image that will be clear and comfortable for using by blind customers. ElPicsPrint allows you to make a tactile illustration to any section of a textbook, to create your own illustrated books for kids of preschool and school age, to emboss an outline of a university campus and much more.

Software features

- Converting images to tactile (dotted) view for further embossing them in Braille;
- A graphics editor that allows creating, editing and embossing tactile graphics without using any third-party software to process vector and bitmap images;
- Drawing and editing different outlines and shapes, including Bezier curves;
- Creating and editing text fields to easily add Braille labels;
- Adding and editing bitmap images in documents;
- Objects processing: scaling, rotating, vertical and horizontal flip, objects grouping and ungrouping, vertical and horizontal alignment to top, bottom, left or right and centering, applying the Eraser and Magic Wand tools;
- Possibility to display and adjust a helping grid when drawing and moving objects, including snapping to grid;
- Measurement units selection (inches and millimeters are available);
- Tool tips for drawing tools;
- Embossing a prepared tactile image on Index Braille embossers;
- Image formats supported for importing: JPG, PNG, BMP;
- Opening and saving scalar vector graphic (SVG) files (only outlines);
- Using floating head embossing if supported by the embosser and firmware version;
- Supported paper formats: A4, A3, Letter 8½ × 11, Legal 8,5 × 14, Ledger 17 × 11, 11,5 x 11;

- Saving a prepared image to a file that can be opened and embossed on a PC with a Braille embosser connected;
- Recognizing Braille signatures for the sake of separating Braille text from the image itself while cropping;
- Possibility to add borders around the image;
- Changing document margins;
- Possibility to rotate the image by 90 degrees in order to emboss it in portrait orientation;
- Possibility to adjust upper and lower thresholds for image detection (applicable for images in full color).
- Interface languages: English, Russian, and Ukrainian.
- An Index Braille embosser version 4 or later is required for the printing.
- Along with the software you get several images ready to be embossed for testing purposes.
- Fully functional demo mode for 14 days.