

Canon

PRISMAelevate XL



New Dimensions Beyond Imagination



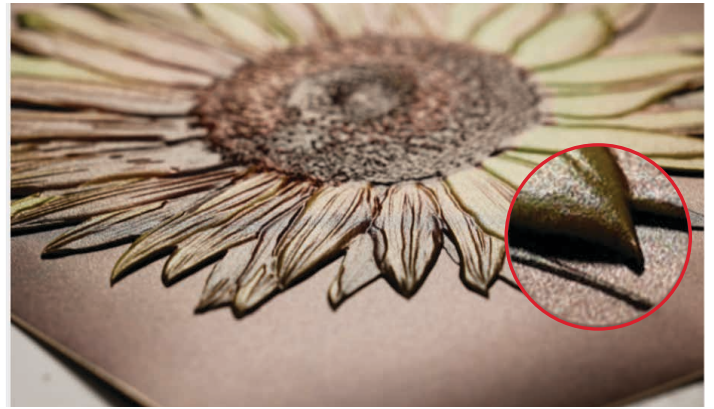
Watch the Video



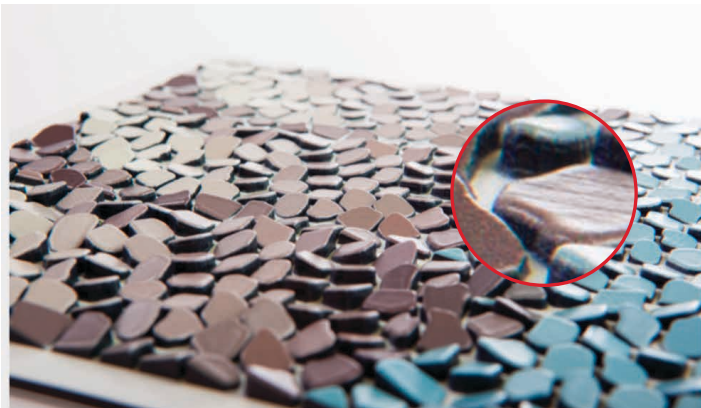
CREATE STUNNING ELEVATED PRINTS



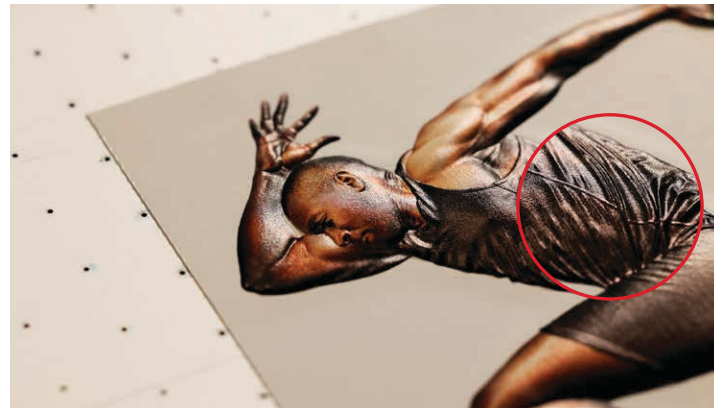
The Brila Print Layout creates a metallic effect when printing on reflective media



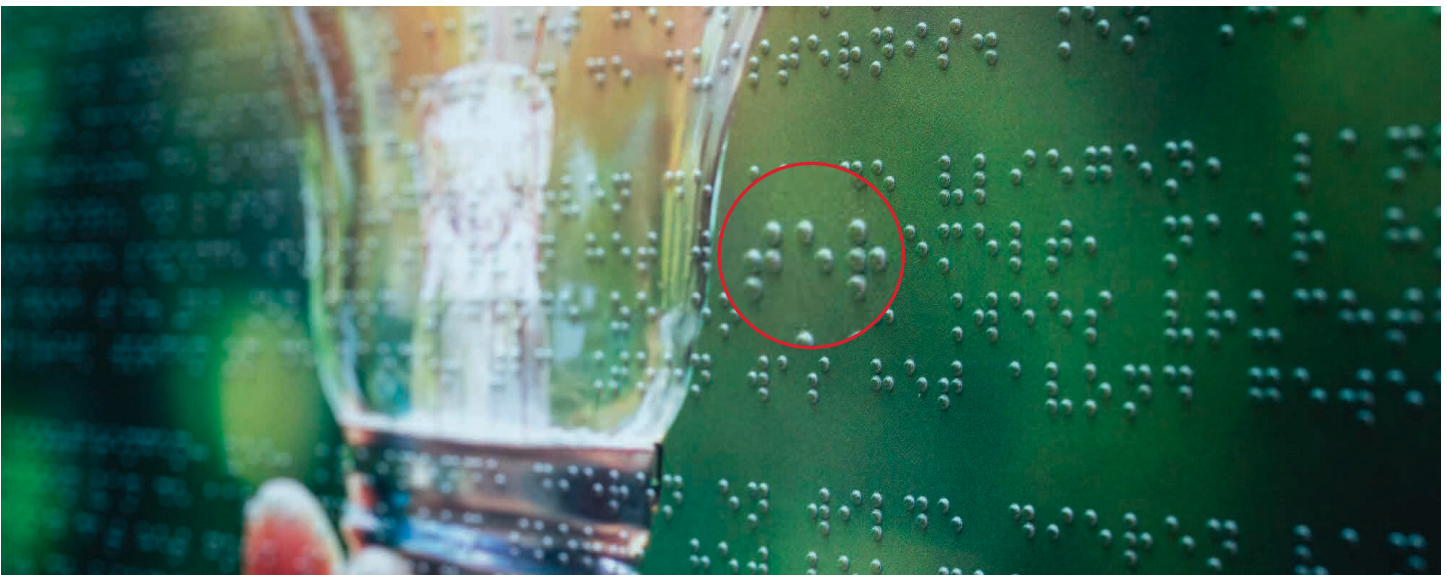
Sunflower with metallic bronze appearance



Raised pebble texture



Runner with metallic bronze appearance



Tactile Signage

ENTER NEW MARKET SEGMENTS

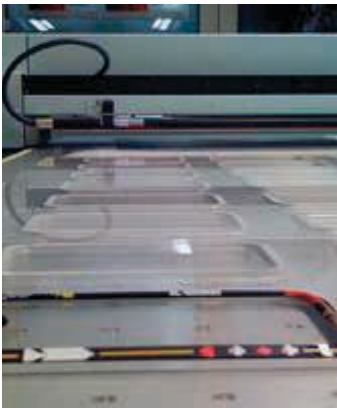
PRISMAelevate XL is an integrated software solution for compatible Arizona printers that prints up to 4 mm and delivers eye-catching elevated prints that—quite literally—stand out. Create unique textures, low relief, metallic accents with embossing, raised lettering for Tactile or Wayfinding signage, as well as textured fine art reproductions, high-value interior décor and signage. Give elevated print yet another dimension with rigid substrates like aluminum composite and foil faced boards. The possibilities are astounding!



Printed faux brick



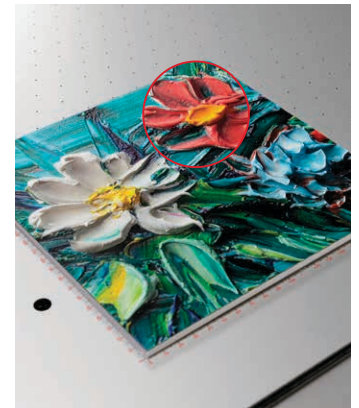
Stained glass effect for storefront



Merchandising: custom phone cases, games, and giveaways



Fine Art reproduction



Watch PRISMAelevate XL reproduce a large wallcovering of Vermeer's Girl with the Pearl Earring for the Mauritshuis Museum exhibit.





FROM FLAT TO EXPRESSIVE: HEIGHTIQ UNLOCKS TEXTURED AND TACTILE PRINT CREATIVITY

HeightIQ: Intelligence That Elevates Your Prints

HeightIQ is Canon's breakthrough AI-powered software designed to simplify and accelerate the creation of height maps for elevated printing. Traditionally, preparing a height map for textured prints could take hours of manual work in complex design tools. HeightIQ changes the game by using **advanced image recognition driven by Artificial Intelligence** to analyze light, contrast, and shapes—automatically converting 2D images into precise grayscale height maps in minutes.



INTELLIGENCE THAT ELEVATES YOUR PRINTS

With HeightIQ, designers, artists, and print service providers can easily enhance their 2D designs with **3D textures, embossing, and dynamic surface effects**, unlocking new creative possibilities without requiring specialized skills or lengthy onboarding. This free application integrates seamlessly with **PRISMAelevate XL** and Arizona flatbed printers, enabling elevated prints up to 4mm high and delivering exceptional value without additional finishing costs.

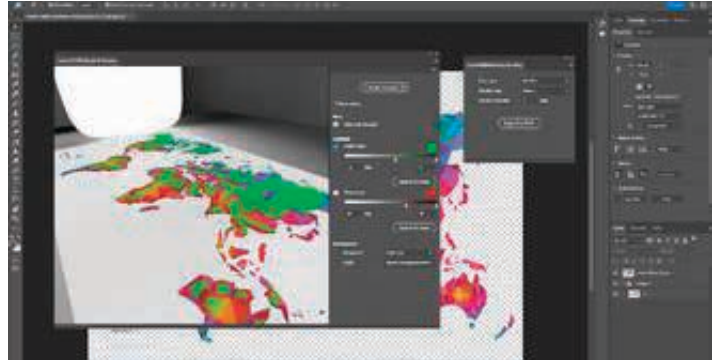
Why HeightIQ?

- **AI-Powered Efficiency:** Reduce job preparation time from up to 10 hours to less than 30 minutes.
- **Creative Freedom:** Add textures, embossing, and tactile effects to any design with ease.
- **Accessible for All:** No specialized knowledge required—ideal for users of all skill levels.
- **Batch Processing:** Drag-and-drop up to 20 images at once for maximum productivity.
- **Precision & Quality:** Advanced tiling ensures detailed, high-quality elevation in final prints.
- **Free & Seamless:** Works perfectly with PRISMAelevate XL and Arizona printers for elevated printing.

FOR GRAPHIC AND INDUSTRIAL DESIGNERS, PSPS, AND SIGN-MAKERS

An Advanced Software with Intelligent Automation Features

PRISMAelevate XL streamlines pre-press operations by minimizing repetitive and costly tasks, empowering PSPs to achieve accurate output on the first print. With PRISMAelevate XL, PSPs can achieve double-sided printing in a single run, delivering greater value and enhanced efficiency to their print operations.



Clear Conceptualization – Less Waste

PRISMAelevate XL users can easily create files with highly accurate 3D previews of dimensional effects. Potential adjustments can be identified quickly without the need for costly test prints. Operators can simply RIP with ONYX Thrive for multi-layering printing on compatible Arizona flatbed printers.

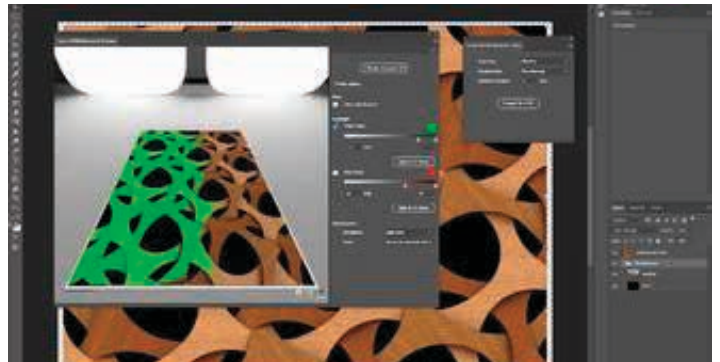
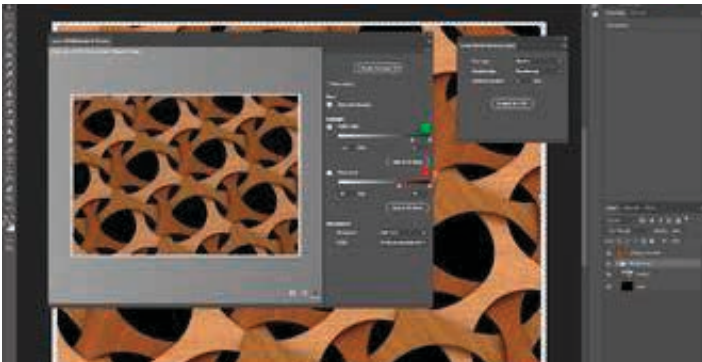
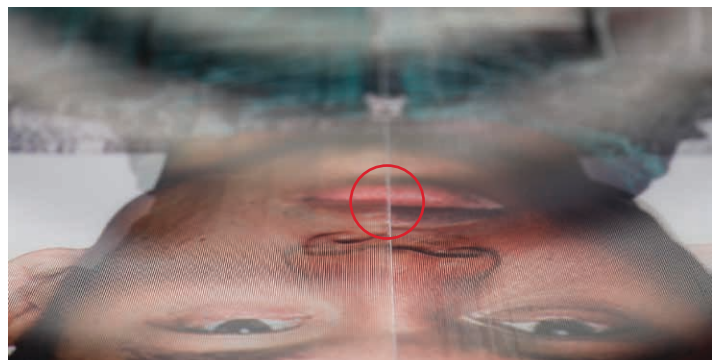


Image Flip

Elevated Image Flip script is an action programmed in Adobe Photoshop to create an Image Flip application with a height of 1–1.5 mm. This creates a type of lenticular effect, but without the use of lenticular/lenses material.



TURN CREATIVITY INTO REALITY

Advanced Ink Technology for a Durable End Product

Advanced third-generation VariaDot printing technology is designed to give consistent, outstanding color for excellent tonality and subtle, accurate elevation from the first to the last print, enabling you to print right the first time. Canon UV curable inks have been awarded the UL GREENGUARD Gold certificate for safe use in sensitive environments like hospitals, schools, and public spaces.

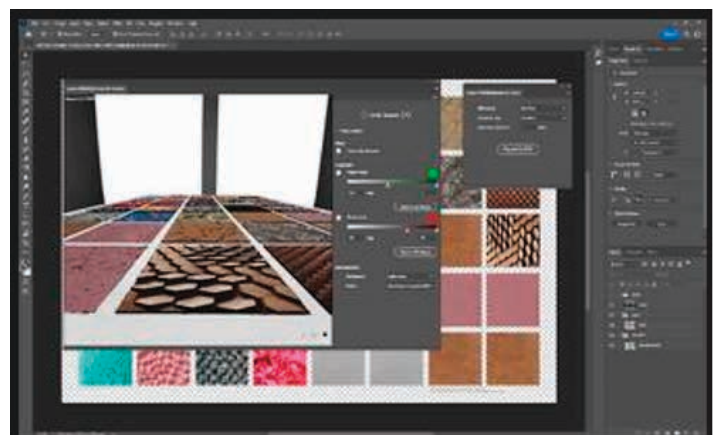


Advanced Layering

Using patented Advanced Layer Printing System (ALPS) technology with the Arizona 1300 series and Arizona 2300 series, PRISMAelevate XL enables you to print the correct layers of ink assuring stunning raised and tactile elements. Various print mode options enable you to print different textured surfaces with variable thickness and varnish effects.

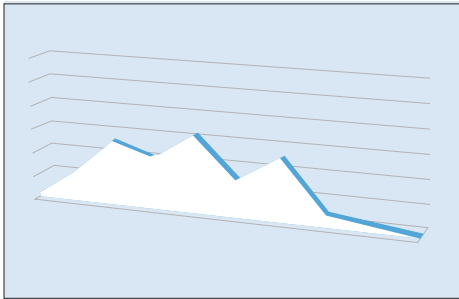
PSPs can also print innovative ink-only applications like customized promotional items with the ALPS technology.

ALPS allows both varnish and spot varnish effects to be applied in a single print run, eliminating the need for an additional finishing layer or media lamination.



Alto and Alto-Plus features print layout checks to help improve workflow.

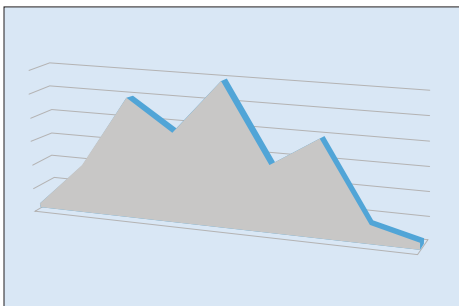
INTELLIGENT LAYERING WITH ALPS



Alto

Create textured surfaces

- Opaque Elevation + color
- Textured printing: up to 1 mm
- 36 layers maximum
- Build elevation with all colors or white only
- On Arizona printers with varnish capabilities, varnish can be used as a protective layer to increase print flexibility or optimize color

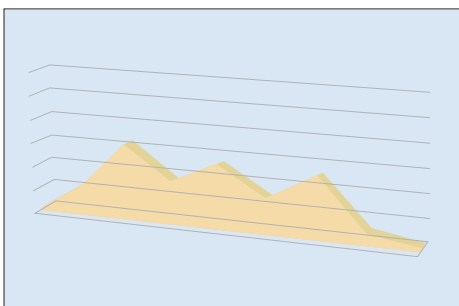


Alto-Plus*

Increased thickness of textured surfaces

- Opaque Elevation + color
- Textured printing: up to 4 mm
- 100 Layers maximum
- Layers of dark ink
- Alto-Plus mold mode for increased speed (up to 1 mm)
- Alto White Mode elevates with white ink (up to 1 mm)
- On Arizona printers with varnish capabilities, varnish can be used as a protective layer to increase print flexibility or optimize color

**Spot varnish with Alto-Plus is not possible on v2.1*



PRISMAelevate XL – Brila

Create varnish effects on top

- Transparent Elevation: up to 0.25 mm
- 28 layers maximum
- Varnish on top of the color image layer
- Optional white undercoat
- Metallic effects when printed on reflective media such as foil

graphiPLAZA

Users of Canon's Arizona printer series, equipped with PRISMAelevate XL and software, are invited to join graphiPLAZA to stay ahead of market trends and discover exciting new applications and industry insights. Canon's graphiPLAZA is a dynamic online community platform that connects large format printing companies and Canon Partners to explore, share, and be inspired by the latest innovations and best practices in the printing industry.



Supported Arizona series UV-LED printers

- Arizona printer series | ONYX Thrive support only
- Arizona 1300 series – IJC357 & IJC358 ink sets
- Arizona 1300 FLOW series – IJC357 & IJC358 ink sets*
- Arizona 2300 FLOW series – IJC357 & IJC358 ink sets*
- Arizona 1200 series – IJC257 ink set (only supporting Brila and Alto functionality)
- Arizona 2200 series – IJC257 ink set (only supporting Brila and Alto functionality)
- Excluded: 4-channel Arizona printers; the presence of White ink is mandatory for PRISMAelevate XL support

**For best results, on the Arizona1300/2300 FLOW Series printers install PRISMAelevate 2.2 or higher.*

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1-844-50-CANON

usa.canon.com/largeformat