

NEW DIMENSIONS BEYOND IMAGINATION



PRISMA
elevate XL

Canon

NEW DIMENSIONS BEYOND IMAGINATION

PRISMAelevate XL is an easy-to-use software application that enables large-format graphics designers and print service providers (PSPs) to create tactile print applications and produce outstanding-quality elevated prints up to 4 mm.

- ➔ An integrated solution to create high-quality **elevated prints** simply and reliably and **printed first-time-right**.
- ➔ With **easy-to-use Adobe Photoshop and Illustrator plugins** that allows for highly accurate 3D design of elevated print projects without the need for extensive training.
- ➔ Simplify design and production of stunning elevated print applications, **enabling effortless printing** on the award-winning* Arizona flatbed printer family.



UNIQUE ELEVATED PRINTS

Create added value print applications that stand out and add exciting tactile elements that mimic textured surfaces, embossing, metallic accents and raised lettering up to 4 mm.

Create high-value applications

Give print a complete new dimension on rigid substrates like aluminium composite panels, metal foil faced boards and glass to create print applications that stand out.

Open-up new markets

Increase your offering with stunning applications like high-value signage, tactile fine art reproductions, awards, braille, interior décor, point of purchase (POP) and luxury packaging.





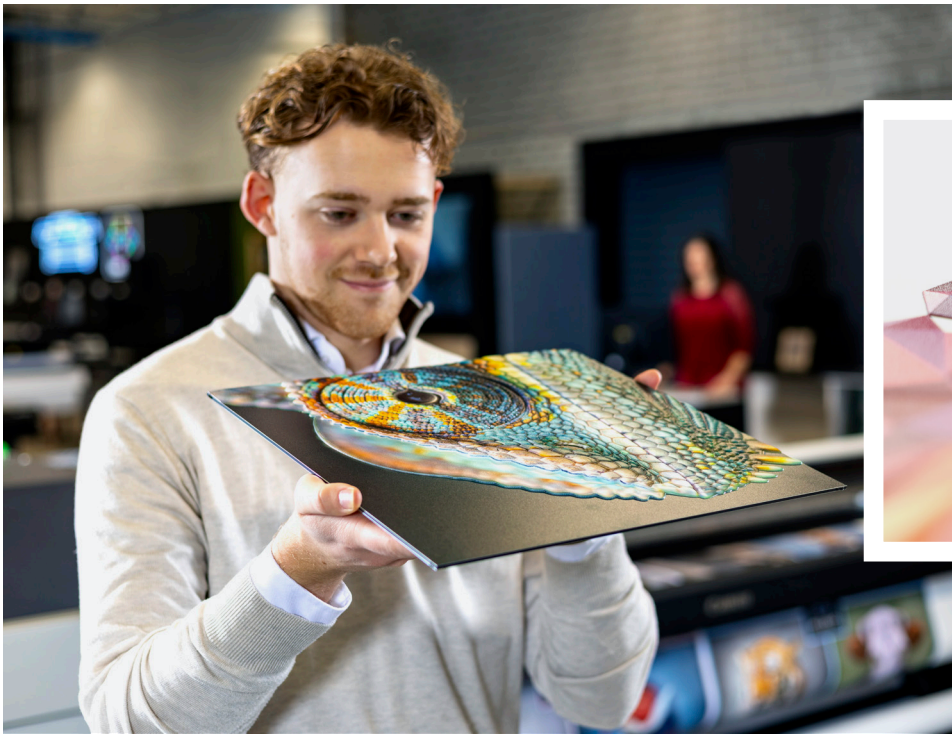
TURN CREATIVITY INTO REALITY

For designers and print providers

PRISMAelevate XL is an integrated solution to make high-quality elevated printing simple and reliable, enabling graphic designers, print service providers, sign-makers, and industrial graphics printing companies to print new and exciting high-value applications.

Clear conceptualisation

An easy-to-use Adobe Photoshop and Illustrator plugin that allows highly accurate 3D design of elevated print projects without any need for extensive training. The What You See Is What You Print (WYSIWYP) previews means there is less need for test prints. And first-time-right prints reduces waste even further.



Intelligent layering

Increased print flexibility is possible by including varnish ink in elevation building. This results in reduced warping of the print and extends the application substrate range to more-flexible materials.

For Alto and Alto-Plus it is possible to add a spot varnish effect at certain specific area's of the elevated print. Users can benefit by adding a varnish overcoat to Alto or Alto-Plus prints for full gloss effects, as well.

Layout checkpoint

Print operators benefit from the option to first print a layout check in order to validate the print design before starting the final print production.

Textured effects

Produce tailored luxury printing with textured effects up to 4 mm in height, which is double the height as previous PRISMAelevate XL versions. Choose between Alto, for opaque elevated UV curable ink effects up to 1 mm, Alto-Plus, for opaque elevated UV curable ink effects up to 4 mm, and Brila, for color with varnish elevation effects up to 1 mm.

Innovative print applications

PRISMAelevate XL enables designers to create a two-sided print application in one print run. This provides opportunities for printing on transparent media. Or innovative ink-only applications supporting the creation of printed items without media, such as entirely new applications like distinctive business cards, keychains and customised promotional items that stand out from traditional printed products.

YOUR PERSONAL PRINT ENVIRONMENT

Plugins for Adobe Photoshop and Illustrator

Up to 4 mm elevation in **Alto-Plus** effect

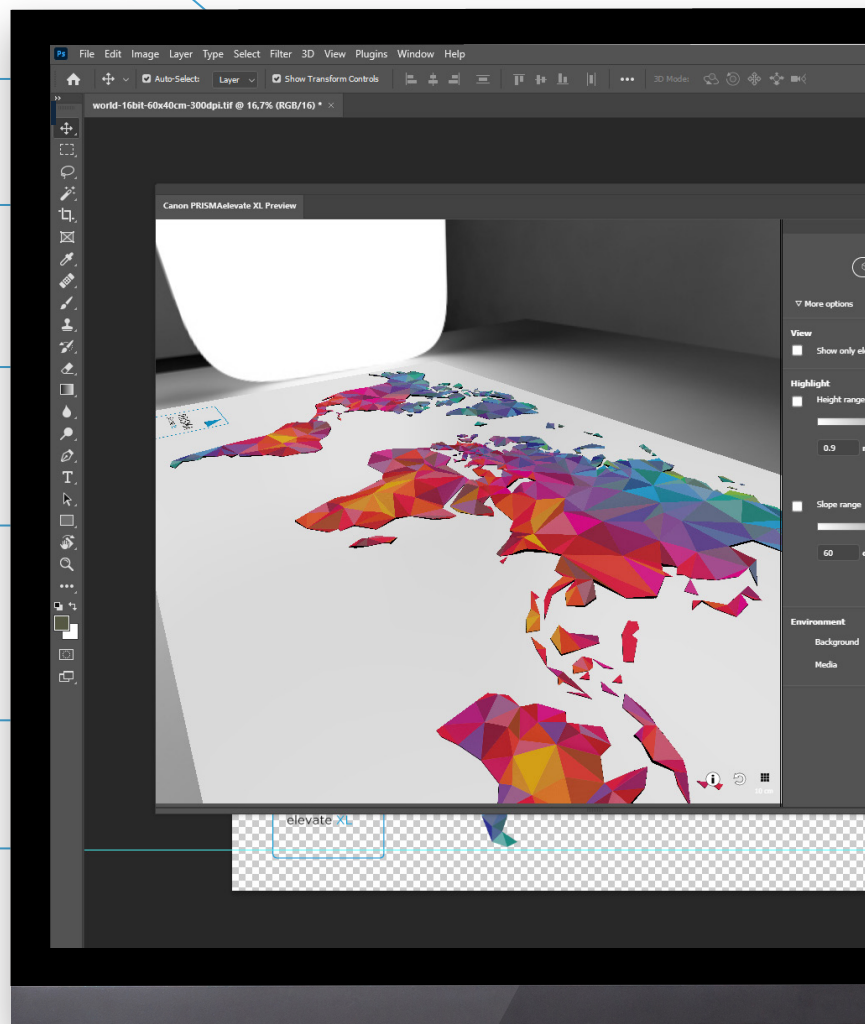
Up to 1 mm varnish elevation with **Brila** effect

4 different Alto effects: Alto, Alto-White, Alto-Plus, Alto-Mold

3 different Brila effects: Brila, Brila with white undercoat, Brila with 1 mm enabled

Layout check for Alto & Alto-Plus effects

Varnish overcoat option in Alto & Alto-Plus effects



PRISMA
elevate XL

Predictable dynamic and instant **'What You See Is What You Print' 3D preview**

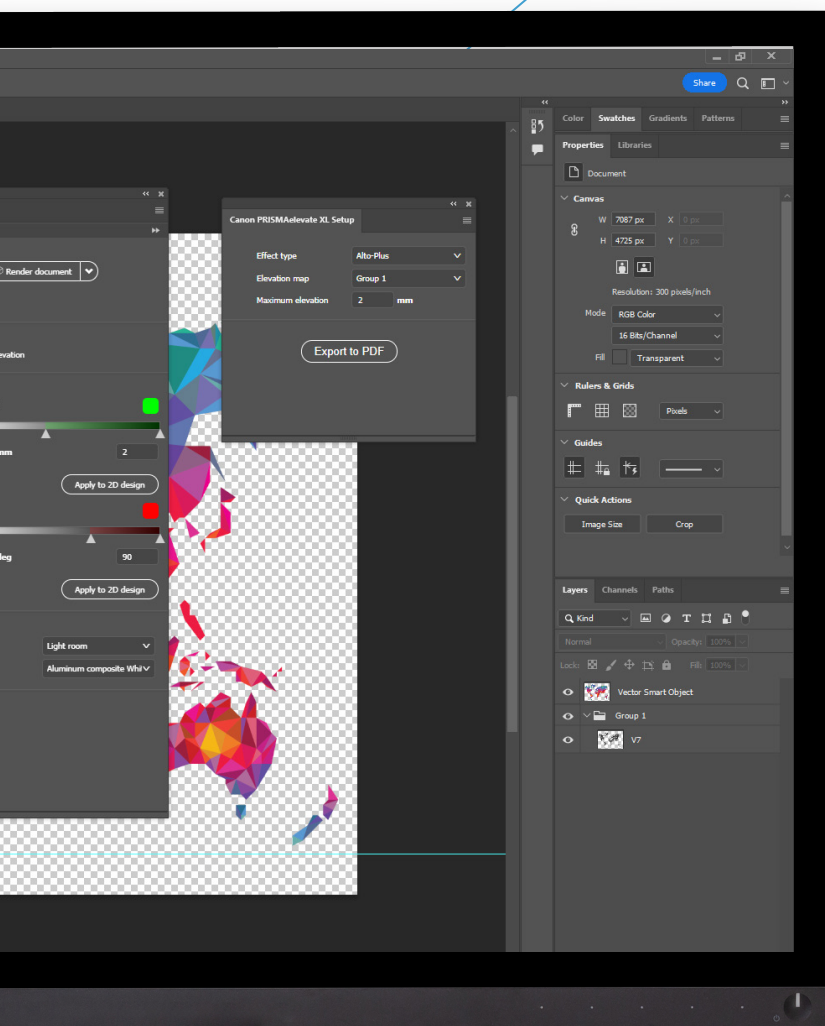
Double-sided printing on transparent media or for creation of ink-only applications

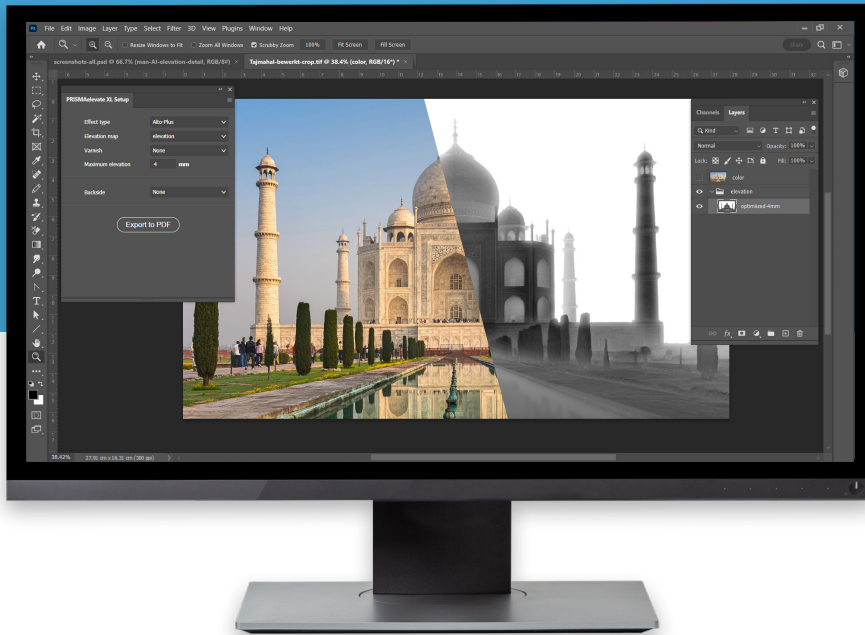
Matte and (spot) gloss effects in 1 job

Prepare elevated input via A.I. based **HeightIQ** or via **3D-to-greyscale** conversion tool

Elevated Image Flip script to create a type of lenticular effect

If available, use Varnish ink in elevation build-up with intelligent layering for **warp reduction**





INTELLIGENCE THAT ELEVATES

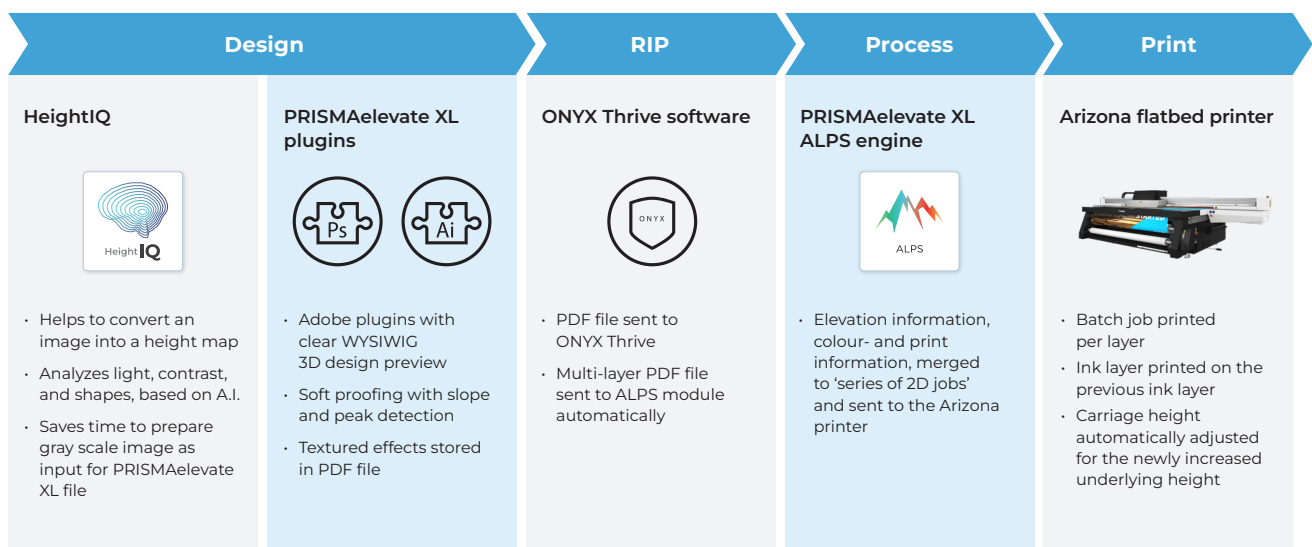
Every elevated print starts with two essentials: a graphic image and a height map.

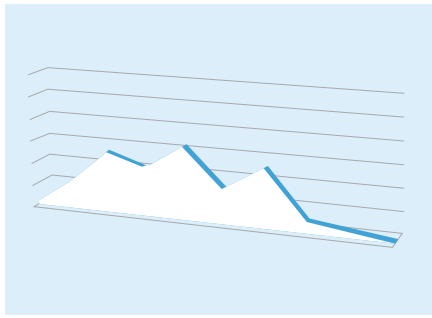
Driven by A.I.

HeightIQ helps to faster convert an image into a detailed height map that is suitable to prepare an elevated print in PRISMAelevate XL and print on an Arizona flatbed printer. Creating a height map can be a time-consuming process.

To create a height map in Adobe Photoshop by hand it can cost an experienced designer up to 10 hours of work. With support of HeightIQ this time can be reduced on average to less than 30 minutes.

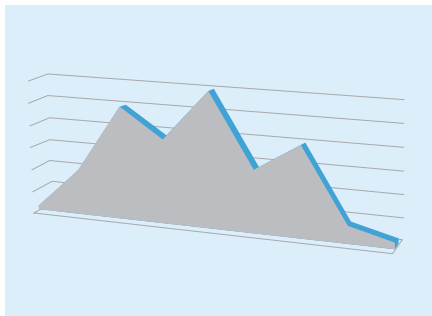
Using advanced image recognition – driven by Artificial Intelligence (A.I.) HeightIQ helps to analyse light, contrast, and shapes to accurately translate height differences into grayscale values. This will save time to prepare a height map for prepress without complex software.





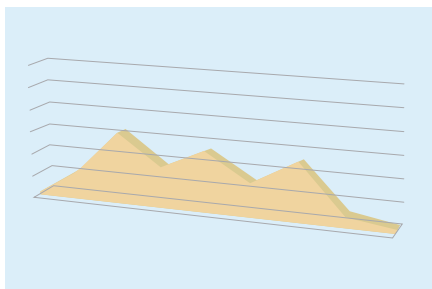
PRISMAelevate XL – Alto

- Create textured surfaces
- Opaque Elevation + colour
- Textured printing: up to 1 mm
- 36 layers maximum
- Build elevation with all colours or white only
- Use varnish in elevation to reduce tension build-up (when available)
- Use varnish as top layer (when available)



PRISMAelevate XL – Alto-Plus

- Increased tickness textured surfaces
- Opaque Elevation + colour
- Textured printing: up to 4 mm
- 100 layers maximum
- Layers of dark ink
- Mold mode for increased speed
- Use varnish in elevation to reduce tension build-up (when available)
- Use varnish as top layer (when available)



PRISMAelevate XL – Brila

- Create varnish effects on top
- Transparent Elevation: up to 0.25 mm
- 22 layers maximum
- Varnish on top of the colour image layer
- Optional white undercoat
- Metallic effects when printed on reflective media such as foil
- For specific applications possible to increase up to 1 mm and maximum of 68 varnish layers

Elevated printing made easy

PRISMAelevate XL makes the file creation process and the printing more easy. The 3D preview enables users to proactively identify design adjustments and elevation levels, without the need for costly test prints.

The final design is stored in a standard PDF file containing both the graphic image and height map. Much like they would do with standard prints, operators can simply RIP with ONYX Thrive, automatically using the patented ALPS engine to generate the multi-layer print job ready for printing on the Arizona flatbed printer.



CREATE IMPACT BEYOND IMAGINATION

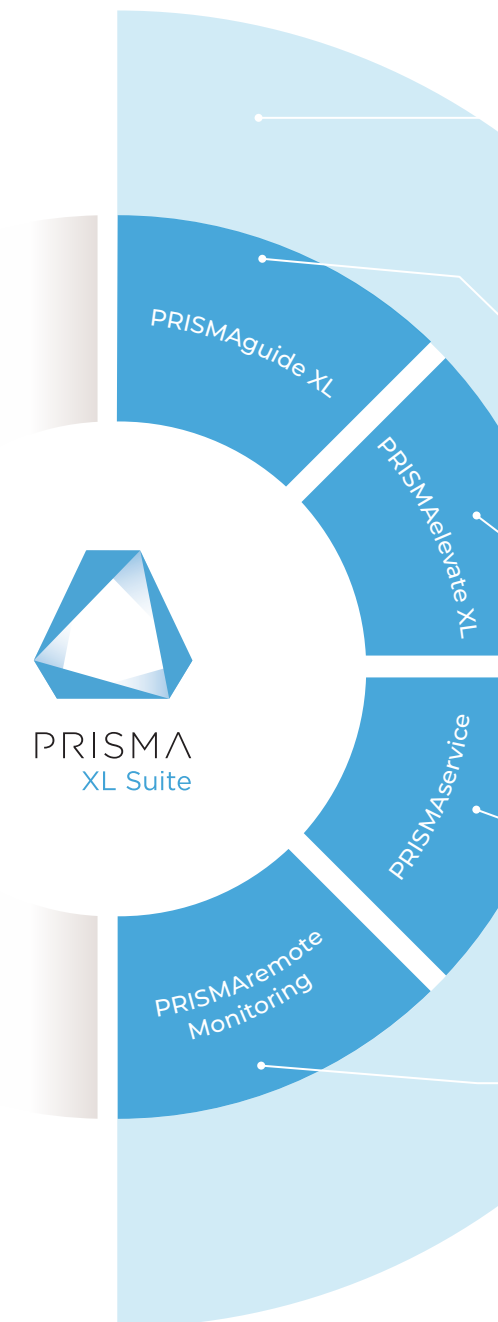
PRISMAelevate XL is part of the PRISMA XL Suite: a set of software solutions that helps large-format graphics designers and print service providers (PSPs) to deliver next level print applications every day. To prepare print applications in an easy way and keep control of their print operation for a reliable performance with selected workflow solutions for the Colorado M-series, Arizona flatbed printers and the Colorado XL-series.

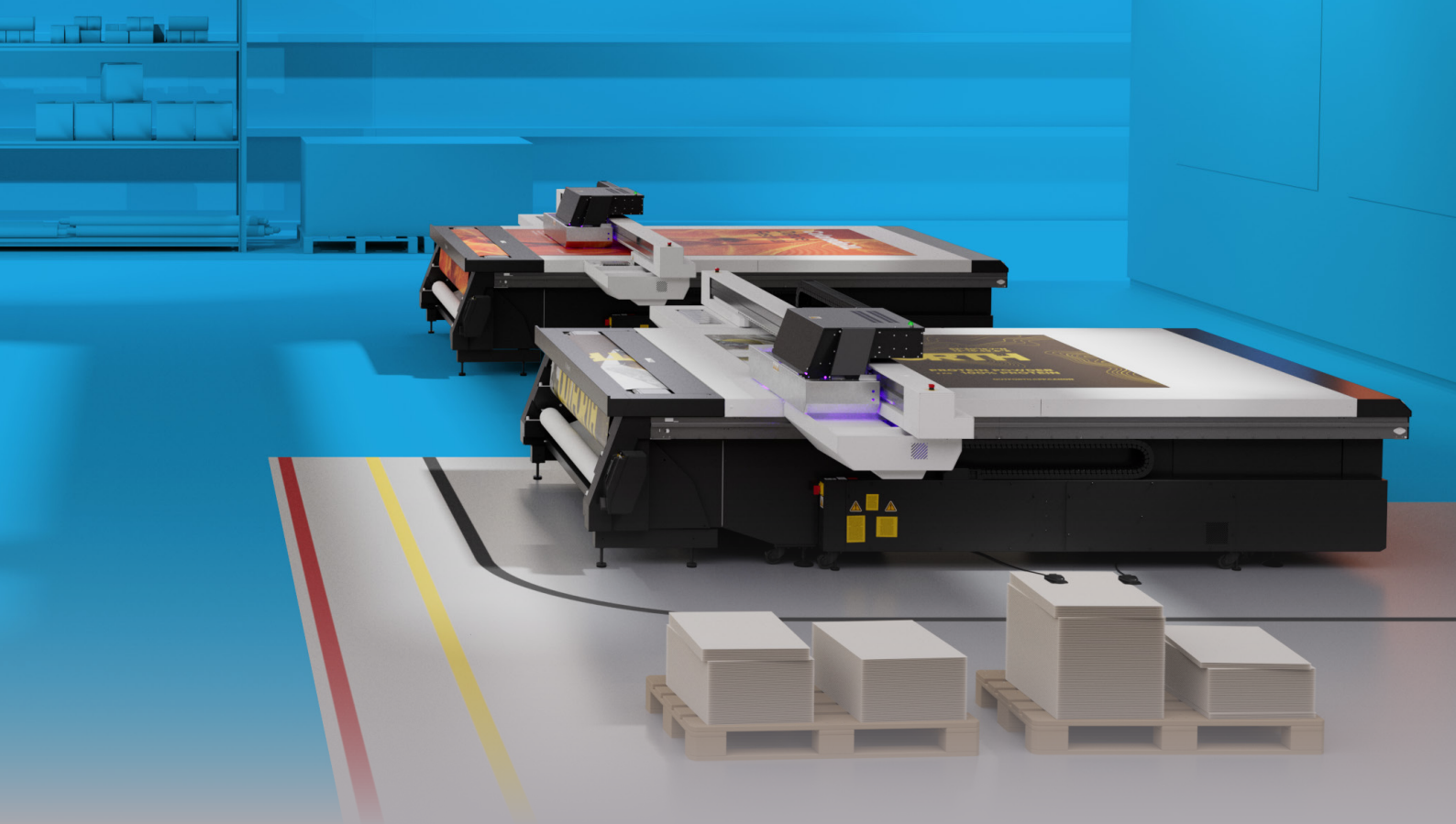
Build on years of expertise

The PRISMA XL Suite is based on our years of expertise in the large-format graphics community. Print users benefit from solid job preparation and increased productivity with powerful workflow applications designed to automate and simplify their print operations. The selected printer tools are designed and tailored to optimise the performance of Canon large-format printers.

PRISMAelevate XL supports the leading Canon Arizona flatbed printer family:

- Arizona 1300 FLXflow series
- Arizona 2300 FLXflow series
- Arizona 1200 series (Alto & Brila)
- Arizona 2200 series (Alto & Brila)





PRISMA XL Suite

Provides workflow software solutions for large-format graphics PSP's. It helps customers to create breathtaking output and workflow automation with increased added value, intuitive and easy-to-use with higher flexibility with these selected workflow solutions.



PRISMAguide XL

A powerful and easy-to-use design and workflow management application to automate and simplify advanced print job preparation, including multi-layered and double-sided print applications on Colorado and Arizona printers so that print files are ready in an instant.



PRISMAelevate XL

An easy-to-use software application that enables large-format graphics designers and print service providers (PSPs) to create tactile print applications and produce outstanding-quality elevated prints up to 4 mm on Arizona printers.



PRISMAservice

Maximise your uptime with a central platform for all service activities. Provide faster, more efficient and more effective customer support. For Canon's Service and Support organisations, self-servicing customers and self-servicing partners.



PRISMAremote Monitoring

A printer tool to monitor your Colorado M-series remotely. The app provides a real-time status of print jobs and tells what action is needed to keep running 24/7.

© 2026 Canon Production Printing. No part of this publication may be copied, modified, reproduced or transmitted in any form or by any means, electronic, manual, or otherwise, without the prior written permission of Canon Production Printing. Illustrations and printer output images are simulated and do not necessarily apply to products and services offered in each local market. Canon and Canon product and service names are the trademarks or registered trademarks of Canon, Inc. or Canon Production Printing Netherlands B.V. All other product and company names are trademarks or registered trademarks and are the property of their owners and are respectfully acknowledged.

Canon

Canon Production Printing
cpp.canon
English edition