

TOUCHSTONE

ELEVATED PRINTING TECHNOLOGY

Adobe Extensions - ONYX Thrive - Arizona printers

Canon

TOUCHSTONE

Give your business the edge with sophisticated and easy-to-use elevated printing technology to target new, high-end markets using patented ALPS technology. Touchstone produces elevated printing with high-quality results. Programmed layers of ink create unparalleled quality in high-resolution color, adding exciting tactile elements to print projects.

Unique added value

Touchstone delivers exciting elevated printing. Create unique textures, low relief or metallic accents, ideal for signage, décor and packaging.

Standout quality

Automatic processing of each layer ensures pristine quality. Choose between Alto for elevated ink and Brila for elevated varnish for tailored luxury printing.

Innovative ink technology

Advanced VariaDot printing technology gives consistent, outstanding color for excellent tonality and subtle, accurate elevation.

Fuss-free production

Behind-the-scenes processing simplifies production while accurate ink estimates allow uninterrupted, unattended printing for maximised workflow.

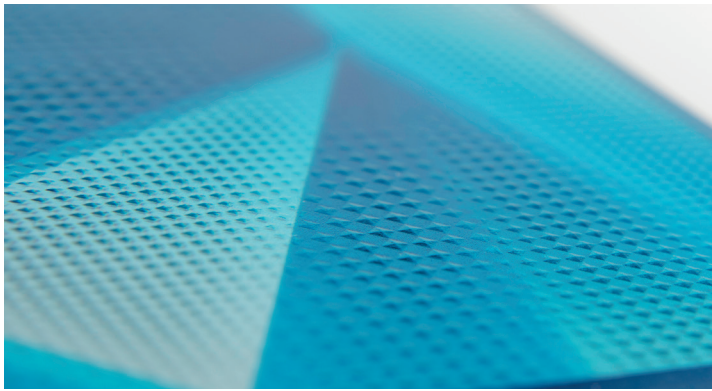
Clear conceptualisation

An easy-to-use Adobe Photoshop plug-in allows flawless 3D design of elevated print projects without any complex training necessary.

Simplify the design and production of textured prints

The workflow consists of both a designers' and print providers' component. The designers' component consists of Adobe extensions for Photoshop and Illustrator that designers can utilize in an environment they are already familiar with. To preview their work, the Touchstone extensions also include a viewer that renders the file in 3D complete with lighting effects. Once happy with the file, the designer saves it as a pdf and sends it to the print provider.

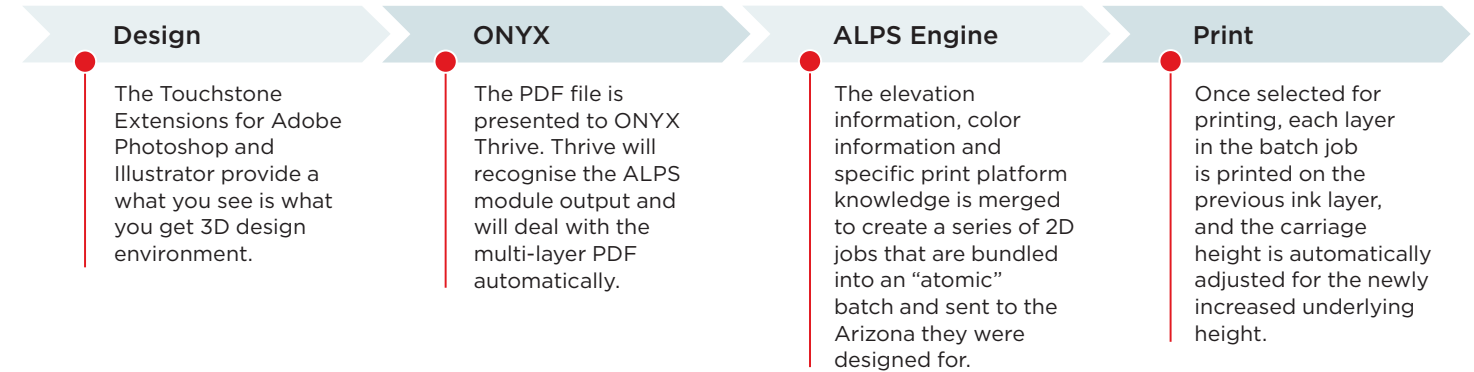
The Touchstone certified print provider will be able to process the pdf files in ONYX Thrive using a proprietary printer driver that communicates with the patented ALPS Engine. The ALPS Engine outputs a layered batch file that the Arizona can then print in proper sequence without any additional operator intervention.



- Texture effects up to 1mm in height utilizing color and/or varnish UV curable inks
- Designers can preview dimensional effects using the 3D viewer extension
- Export your print ready file as one pdf containing both the graphic image and height map
- Differentiate your business! Touchstone provides a new, high margin application that is completely unique to Arizona printers

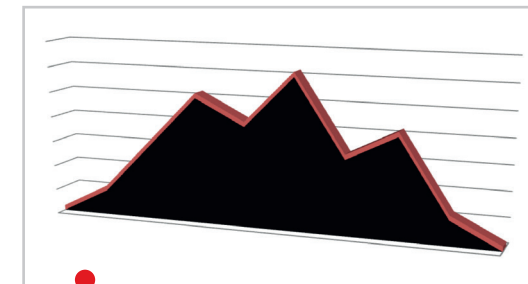


Touchstone Workflow



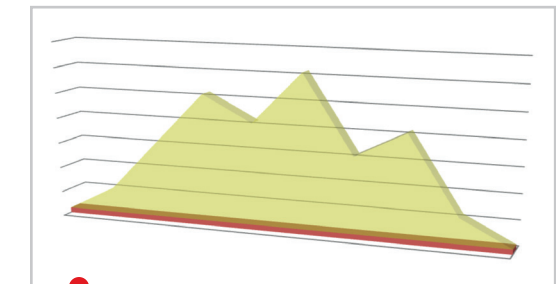
Elevated Printing & Special Effects

Touchstone ALTO
creates texture surfaces



- Touchstone ALTO**
- Opaque Elevation + Colour
 - Texture printing: up to 1mm
 - 40 Layers maximum
 - Layers of dark ink
 - White ink underneath top colored pixels

Touchstone BRILA
creates varnish effects on top



- Touchstone BRILA**
- Texture printing: up to 0.25mm
 - 18 Layers maximum
 - Varnish on top of the color image layer
 - Optional white undercoat
 - Metallic effects when printed on reflective media such as foil

TREND

In today's personalised, customised world, digitally-printed interior décor is transforming the spaces we live, work and play. This represents the ideal opportunity for print service providers to make the difference with diversification.

80% of our lives are spent in interior spaces

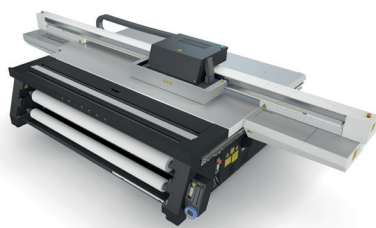
71% of consumers are prepared to pay a premium for personalisation

59% of people want an inviting ambience when they shop

Compatible Arizona Printers



Arizona 1200 Series



Arizona 1300 Series



Arizona 2200 Series

Touchstone Extensions Specs

Features

Adobe Photoshop & Illustrator Extensions
Novel design tools for “Alto” (opaque elevation) and “Brila” (colour with varnish elevation) effects
WYSIWYG soft proofing tools to visualize final design prior to production
WYSIWYG soft proofing with slope and peak detection

Minimum system requirements - Windows platform

Windows 10
Intel® Core 2 or AMD Athlon® 64 processor; 2 GHz or faster processor
2 GB or more of RAM (8 GB recommended)
1024 x 768 display (1280x800 recommended) with 16-bit colour and 512 MB or more of dedicated VRAM; 2 GB is recommended*
OpenGL 2.0-capable system
Internet connection and registration

Minimum system requirements - MAC-OS platform

Multicore Intel processor with 64-bit support, 2017 or later macOS version 10.13, macOS version 10.12, or Mac OS X version 10.11
2 GB or more of RAM (8 GB recommended)
4 GB or more of available hard-disk space for installation
1024 x 768 display (1280x800 recommended) with 16-bit colour and 512 MB or more of dedicated VRAM; 2 GB is recommended*
OpenGL 2.0-capable system
Internet connection and registration

Compatibility Adobe

CC2018/2019

Touchstone ALPS engine Specs

ONYX Thrive requirements

Installed on same network as the ONYX Thrive server
ONYX Thrive 12.2 or higher
ONYX Thrive Active Printer license is required for Touchstone

Minimum System Requirements

Microsoft® Windows® 7 Professional 64-bit (32-bit not supported)
Multi-core processor
8 GB minimum (4 GB / core recommended) or more of RAM
HDD 500 GB (7200 rpm)
1280 x 1024 display monitor

Arizona Series printer Specs

Supported printers

Arizona 1260 GT/XT
Arizona 1280 GT/XT
Arizona 1360 GT/XT
Arizona 1380 GT/XT
Arizona 2260 GT/XT
Arizona 2280 GT/XT
Remark: “Brila” effects require the availability of Varnish in the printers

Supported ink sets

IJC257 - CMYKWW or CMYKWV
IJC257 - CMYKcmWW or CMYKcmWV
IJC257 - CCMYKWW or CCMYKWV
IJC357 - CMYKWW or CMYKWV
IJC357 - CMYKcmWW or CMYKcmWV



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