

Precision printing without boundaries

OCÉ ARIZONA SERIES UV
FLATBED PRINTERS

come

and

see

Canon

Exceptional image quality on rigid and flexible media

Take your display graphics capabilities to the next level with the Océ Arizona® Series. These UV curable and roll-to-roll inkjet printers allow you to produce flawless photo-quality prints on virtually any media imaginable. With a completely renewed range of models to choose from, the Océ Arizona Series offer fantastic opportunities to boost your display graphics revenue.

World-renowned

Ever since its inception, the Océ Arizona has been widely acclaimed.

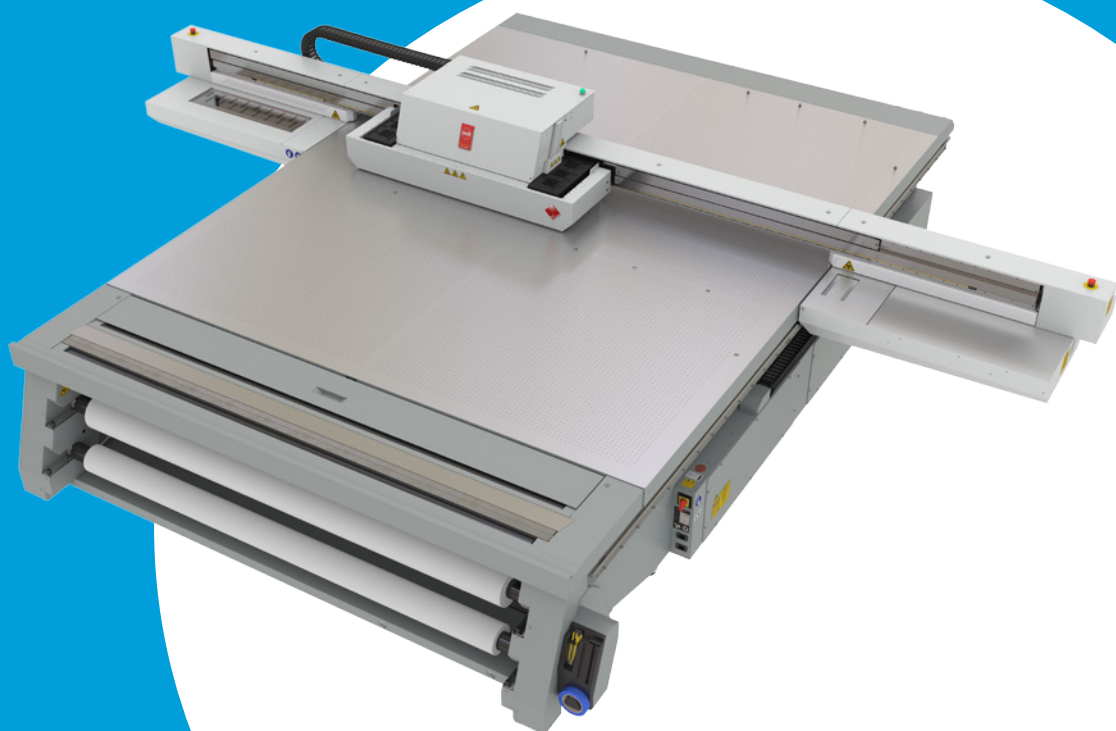
The original Océ Arizona 250 GT was honoured with the DPI Vision Award, given to the digital imaging product development most likely to have a profound and positive effect on the industry. Since then, the Series has gone from strength to strength, collecting more than 35 industry awards for its exceptional image quality, versatility and productivity. The Océ Arizona Series are truly the Best Selling UV Flatbed printers in the market in the last decade, with more than 5,500 units installed Worldwide.

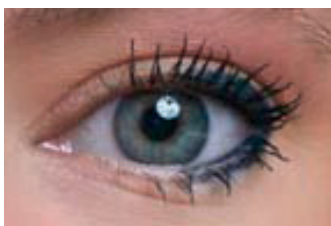
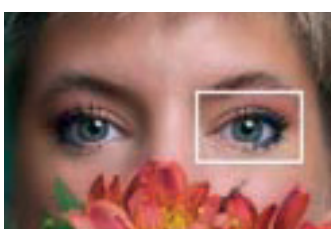
Océ VariaDot™ imaging technology

With their outstanding image quality, Océ Arizona Series printers give you the ability to offer premium printing services. The realistic, photo-like image quality is due to Océ VariaDot imaging technology. It uses variable-sized droplets and delivers finer details and smoother gradients in highlight areas, as well as crisp colours in the mid-tones and incredible density in shadows and solid colour areas. Images look far superior to those printed on a conventional, fixed-droplet, 6-color inkjet printer, while consuming up to 50 percent less ink.

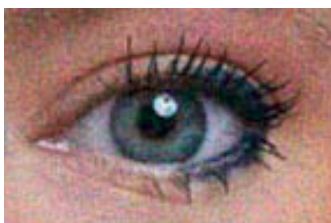
4 or 6 colour Océ VarioDot

4 colour Océ VariaDot Imaging Technology give you realistic, photo-like image quality perfect for typical sign- and display applications, while enjoying excellent ink economy. For even higher quality photo- and fine art applications optional light cyan and light magenta inks are available in the Océ Arizona 1200 and 2200-Series printers. An additional optional ink configuration is the CM-Squared™ ink configuration, available on the Arizona 1200- and 2200-Series printers for the smoothest Production prints.





Variable Dot Printing



Fixed Dot Printing

Less is more

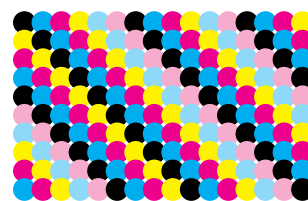
Océ VariaDot imaging technology enables a printhead to produce droplets in different sizes instead of a typical single large droplet. It means images always appear less grainy than those printed on a six colour, fixed dot printer - regardless of the resolution. Varying the droplet size to as little as 6 picolitres also produces sharper images with smoother gradients and quartertones.

Conversely, the ability to create droplets up to 42 picolitres produces dense, solid colours. The net result is near-photographic image quality with sharpness usually expected at resolutions of 1,440 dpi or higher.

Every Océ Arizona printer can print perfectly registered, four-colour, six-point text all day long and models equipped with High Definition print mode can even produce perfect 2-point text.

In addition, the Océ Arizona 1200 and 2200 Series printers offer Active Pixel Placement Compensation. The flatbed table is mapped to determine system flatness and actively adjusts pixel placement to guarantee uniform, extra-sharp printing over the entire flatbed table.

On the Roll-Media-Option (RMO) the mapping is done dynamically, during printing. This is to compensate for heating up of the platen by the UV lamps and to guarantee optimum print quality on the RMO.



Fixed six-colour printing



4 colour Océ VariaDot Imaging Technology



6 colour Océ VariaDot Imaging Technology

Reduce ink costs by up to 50 percent

Because Océ VariaDot imaging technology can jet exactly the right size droplet, it uses up to 50 percent less ink than fixed-droplet, six colour printers. For every square metre of printing this equates to less than 8ml of ink using 4 colour Océ VariaDot Imaging Technology or less than 10 ml of ink using 6 colour Océ VariaDot Imaging Technology - cost savings that really count in today's business climate.

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Produce stunning point-of-sales materials, banners, exhibit graphics, displays and more.

Precision printing without compromise

An array of powerful features and innovative technology ensures that the Océ Arizona Series is the ideal printer for a huge diversity of rigid and flexible media applications.

Océ VariaDot imaging technology

- True greyscale: 6-42 picolitre droplets for every possible image element
- Exceptional print quality comparable to photographic imagery
- Finer details, smoother gradients plus dense and uniform, solid colours
- Active pixel placement compensation to guarantee uniform, extra-sharp printing

Roll media option

- Available as a factory order or field-upgrade on all models
- Supports flexible roll media up to 2.2m wide
- Proven reliability for unattended overnight operation

Independent rigid and roll systems

- Print on roll media while preparing your next rigid media job – no need to stop to change modes
- Compact roll media handling reduces overall footprint and reduces roll media waste



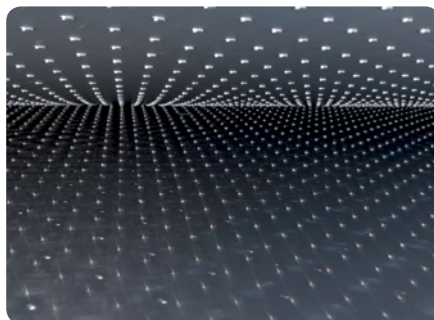
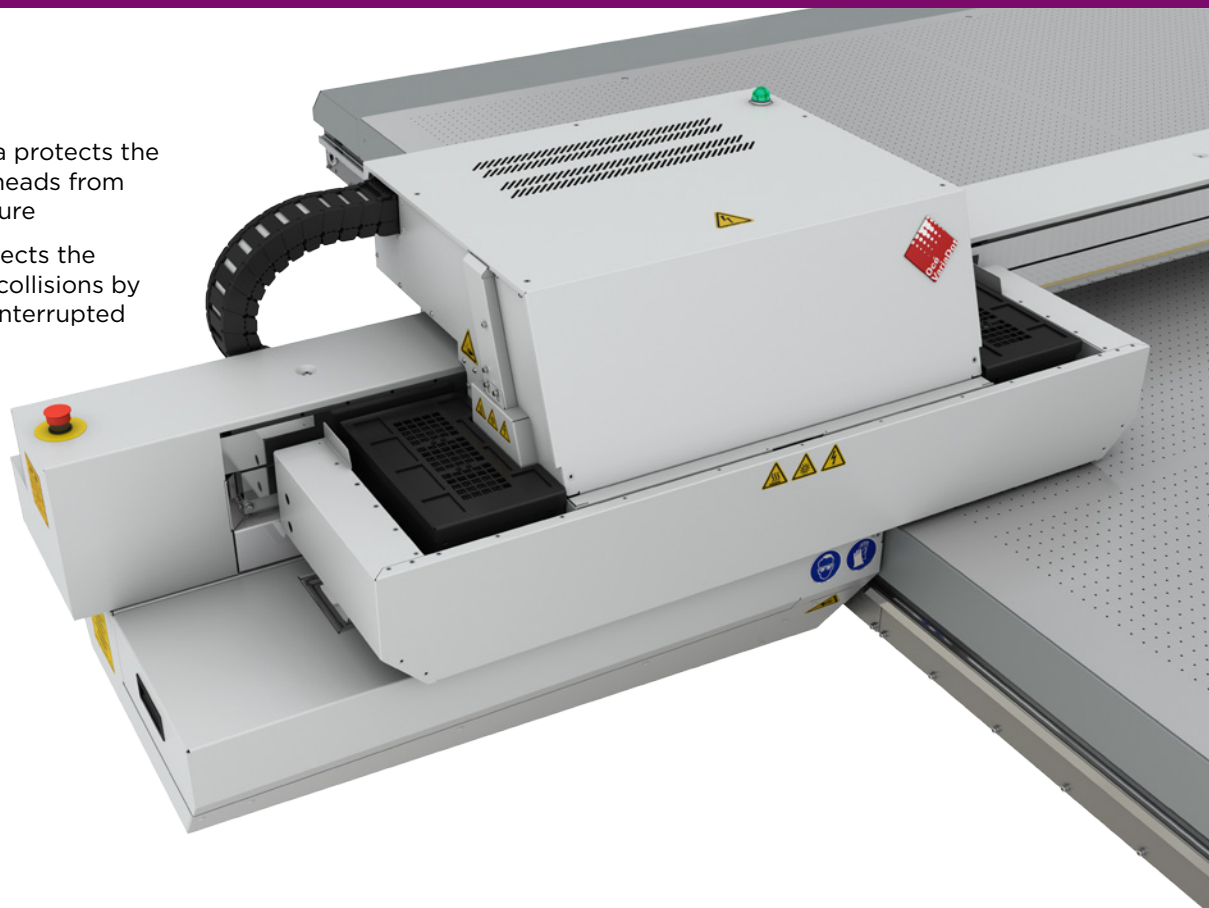
Six or eight independent ink channels

- Two or four additional channels (model dependent) for six or eight independent ink channels
- Print varnish applications with spot and flood gloss effects
- Use white ink to print on coloured media, create Backlit, Day-Night and Opaque applications
- Utilise Light Cyan and Light Magenta for even higher quality photo- and fine art applications
- Utilise CM² printing for beautiful high-speed production printing

Award-winning image quality suitable for POP/POS production, backlit images, exhibition graphics, industrial applications and more.

Safety features

- Shuttered lamp area protects the operator and print heads from excessive UV exposure
- Carriage guard protects the printer from media collisions by stopping motion if interrupted



Easy operation

- Single-phase electrical power
- Reprint a job with just one click
- Batch mode for the efficient production of complex multilayer jobs
- Pneumatic driven self retracting media registration pins
- Advanced operator functions as Step & Repeat and Mirror

True flatbed

- Support for rigid media or objects up to 50.8 mm (2") thick, model dependent
- Edge-to-edge (full bleed) printing
- Easy, precise double-sided printing
- The new 6 or 7 zone vacuum system holds the media in place and eliminates time-consuming table masking for standard sized jobs

Bulk ink system

- Inks in quick-release bags
- Easy replacement on-the-fly
- Temperature-regulated system maintains consistent ink viscosity
- Low-ink warning system

Endless production possibilities

The Océ Arizona Series opens the door to a world of specialised applications that can command premium prices. Unlike conventional rigid capable printers that use friction or belt feed systems, the Océ Arizona Series can print on just about anything. That means irregular shaped or non-square items, heavy substrates and materials that have an uneven surface, such as wood. They are also perfect for complex technical or industrial printing applications where accurate, repeatable print geometry is critical.

Perfect registration

Align media in perfect registration using the pneumatic, self-detracting media registration pins. A vacuum system holds rigid media stationary on the printer's flat table surface, ensuring perfect registration even on multiple imaging passes or double-sided printing applications. Print edge-to-edge (full bleed) to save time and labour cost in finishing. A time-saving batch mode is provided in certain models for the efficient production of complex, multilayer jobs.



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The latest Océ Arizona Series printers enable exciting new applications using flood and spot varnish and white printing to unleash your customers' creativity.

Flexible media printing

With the Roll Media Option you can print on a wide range of flexible media without compromising the rigid printing workflow in any way. These include banners, textiles, films, self-adhesive vinyl and various indoor and outdoor papers. And unlike most systems, the two printing areas do not interfere with each other: while printing on the Roll Media Option, the operator can set up the next rigid media job on the flatbed without disrupting the printing process. The Roll Media Option directly increases profitability by enabling unattended overnight printing on flexible media up to 2.2 meters wide. Using the Roll Media option, Print Service Providers can print continuously on rigid media during the day and roll media at night, maximising return on investment and minimising the lead time of critical orders.

Six or eight independent channels

The Océ Arizona 1200 and Océ Arizona 2200 Series, introduce new levels of versatility. Six or eight independent ink channels allow varnish applications for spot and flood gloss effects, as well as white and even double-opacity white ink if varnish is not required. White Ink enables printing on non-white media or objects (under-printing), creating backlit applications on transparent media (over-printing) and using white as a spot colour. It allows you to simultaneously print white between layers of colour for a Day-Night image that can be backlit or not, depending on the time of day.

Six or Eight ink channels means that optional support for 6 colour printing using light Cyan and light Magenta for even better print quality for photographic or fine art applications, is now available. The multiple user-selectable vacuum zones supporting standard media sizes without table masking, also significantly increases system productivity.

Extra productivity

The extra width of the Océ Arizona XT models enable them to be used in a continuous imaging mode for rigid media up to 1.25m by 2.5m, or a standard 4 by 8-foot board. Two rigid boards of this size can be mounted on separate vacuum areas of the flatbed table. While one board is being printed, the operator can change the other. Since the printer never has to stop printing for a media change, users can significantly increase their net print production.



The Océ Arizona Series printers



	Océ Arizona 22x0 XT	Océ Arizona 22x0 GT
Applications	Point of purchase displays, Posters, signage & banners, Transit advertising, Backlit displays, Industrial applications, Oversized projects, Continuous production of 1.25m x 2.5m (4' x 8') rigid boards	Point of purchase displays, Posters, signage & banners, Transit advertising, Backlit displays, Industrial applications
Rigid media size	2.50m x 3.08m Note : 320 cm x n cm permitted w/308 cm vacuum	2.50m x 1.25m
Rigid media thickness	50.8 mm	50.8 mm
Océ VariaDot printing technology	6 to 42 picolitre droplets, 636 nozzles per head, two printheads/color, dual row design	6 to 42 picolitre droplets, 636 nozzles per head, two printheads/color, dual row design
Express print speed	64.2 m ² /h	57.6 m ² /h
Production print speed	39.7 m ² /h	36.7 m ² /h
Quality print speed	27.6 m ² /h	26.0 m ² /h
Pneumatic Registration Pins	Pneumatic media registration pins for easy and precise rigid media loading	Pneumatic media registration pins for easy and precise rigid media loading
Automatic Printhead Maintenance System	included as standard equipment for hands-free printhead maintenance, restoring nozzle function in seconds	included as standard equipment for hands-free printhead maintenance, restoring nozzle function in seconds
UV curing technology	171mm, high output/low heat UV arc lamp with integrated shutter/reflector	171mm, high output/low heat UV arc lamp with integrated shutter/reflector
Printer configurations	Océ Arizona 2260 XT - 6 ink lines Océ Arizona 2280 XT - 8 ink lines	Océ Arizona 2260 GT - 6 ink lines Océ Arizona 2280 GT - 8 ink lines
Ink configurations	Océ Arizona 2260 XT CMYK & cm CMYK & CM CMYK & WW CMYK & WV Océ Arizona 2280 XT CMYK & cm & WW CMYK & cm & WV CMYK & CM & WW CMYK & CM & WV	Océ Arizona 2260 GT CMYK & cm CMYK & CM CMYK & WW CMYK & WV Océ Arizona 2280 GT CMYK & cm & WW CMYK & cm & WV CMYK & CM & WW CMYK & CM & WV
Upgradeability of ink configurations		
Durability of output	2+ years	2+ years
Roll Media	Available option, up to 2.2m, factory order or field-upgrade	Available option, up to 2.2m, factory order or field-upgrade

With a diverse range encompassing standard and extra large table models, there's a printer to meet all your customers' requirements.



Océ Arizona 12x0 XT	Océ Arizona 12x0 GT	Océ Arizona 318 GL
Point of purchase displays, Posters, signage & banners, Transit advertising, Backlit displays, Industrial applications, Oversized projects, Continuous production of 1.25m x 2.5m (4' x 8') rigid boards	Point of purchase displays, Posters, signage & banners, Transit advertising, Backlit displays, Industrial applications	Point of purchase displays, Posters, signage & banners, Transit advertising, Backlit displays
2.50m x 3.08m Note : 320 cm x n cm permitted w/308 cm vacuum	2.50m x 1.25m	2.50m x 1.25m
50.8 mm	50.8 mm	50.8 mm
6 to 42 picolitre droplets, 636 nozzles per head, one printheads/color, single row design	6 to 42 picolitre droplets, 636 nozzles per head, one printheads/color, single row design	6 to 42 picolitre droplets, 318 nozzles per head, one printheads/color, single row design
35.0 m ² /h	33.6 m ² /h	18.0 m ² /h
21.1 m ² /h	20.4 m ² /h	12.2 m ² /h
14.6 m ² /h	14.2 m ² /h	8.4 m ² /h
Pneumatic media registration pins for easy and precise rigid media loading	Pneumatic media registration pins for easy and precise rigid media loading	Not available
available as option, for hands-free printhead maintenance, restoring nozzle function in seconds	available as option, for hands-free printhead maintenance, restoring nozzle function in seconds	Not available
110mm, high output/low heat UV arc lamp with integrated shutter/reflector	110mm, high output/low heat UV arc lamp with integrated shutter/reflector	110mm, high output/low heat UV arc lamp with integrated shutter/reflector
Océ Arizona 1240 XT - 4 ink lines Océ Arizona 1260 XT - 6 ink lines Océ Arizona 1280 XT - 8 ink lines	Océ Arizona 1240 GT - 4 ink lines Océ Arizona 1260 GT - 6 ink lines Océ Arizona 1280 GT - 8 ink lines	Océ Arizona 318 GL - 4 or 5 ink lines
Océ Arizona 1240 XT CMYK	Océ Arizona 1240 GT CMYK	CMYK or, CMYK & White (White is an option)
Océ Arizona 1260 XT CMYK & cm CMYK & CM CMYK & WW CMYK & WV	Océ Arizona 1260 GT CMYK & cm CMYK & CM CMYK & WW CMYK & WV	
Océ Arizona 1280 XT CMYK & cm & WW CMYK & cm & WV CMYK & CM & WW CMYK & CM & WV	Océ Arizona 1280 GT CMYK & cm & WW CMYK & cm & WV CMYK & CM & WW CMYK & CM & WV	
2-ink channel upgrade available for Océ Arizona 1240 XT and Océ Arizona 1260 XT, field-upgrade	2-ink channel upgrade available for Océ Arizona 1240 GT and Océ Arizona 1260 GT, field-upgrade	White is an option available as factory-order only
2+ years	2+ years	2+ years
Available option, up to 2.2m, factory-order or field-upgrade	Available option, up to 2.2m, factory-order or field-upgrade	Available option, up to 2.2m, factory-order of field-upgrade



Designed To Work Together

Canon offers the ONYX Workflow Suite to get the most out of an Océ Arizona Series flatbed printer. Canon and the Océ Arizona Series flatbed printers preferably use the ONYX Thrive workflow solution. ONYX Thrive and ONYX Connect can drive all your current and future printers and connects your production environment to the rest of your company and most importantly, to your customers.



The RIP solution

To prepare files for printing, a RIP or “raster image processor” is a vital part of the flatbed printing workflow. A state-of-art RIP is powered by Adobe technologies including the Adobe PDF Print Engine and Adobe Normalizer, which maintain fidelity of the creative intent and eliminate late-stage surprises. It can also process the colour information in the file so you can properly colour manage the entire process using an ICC workflow. ONYX Thrive is the preferred RIP solution for the Océ Arizona flatbed printers

ONYX Thrive

ONYX Thrive workflow software is a scalable print production solution based on Adobe® PDF Print Engine technology. ONYX Thrive is a true end-to-end PDF workflow from digital file submission through color management, printing and cutting. ONYX Thrive software manages the wide format print production workflow process offering print service providers accurate, predictable, high quality printing results, and reducing costly errors. ONYX Thrive offers plug-in options such as ONYX Textile, ONYX Connect, Océ ProCut Prepress and ProCut Vision (available in selected countries only) to connect to your production and finishing workflow and to your customers.

ONYX Connect

ONYX Connect™ is an open system that provides a simple developer interface to connect a print service provider’s current business workflow solutions to ONYX production software, without needing to replace existing business workflows with a proprietary or RIP-specific solution. ONYX Thrive can seamlessly integrate with your Enfocus Switch™ production workflow to automate repetitive tasks and integrate with popular applications from industry leading providers. This is an optional Plug-In module available for ONYX Thrive™.

ONYX
connect 



Canon's mission is to help you reach your business goals for years to come and we have the expertise to back it up.

Experience a winning partnership

Canon will help you to grow your display graphics business securely and profitably. We offer a total solution for the display graphics market including printing and finishing hardware, software, consumables, service and financing.

Your route to success is fully supported by Canon. Discover the building blocks of a winning partnership with Canon in the figure below:

DISCOVER

You will realise how the latest developments on the display graphics industry might enhance your business activity and open new opportunities.

DESIGN

You will get a tailored proposal for both your business and workflow processes, including new applications advice, recommendation on technology and assets, ROI calculation, etc.

TRANSITION & IMPLEMENT

You will get quickly into new display graphics environments through a prompt installation of your solutions, integration with your workflow and the right operators' training.

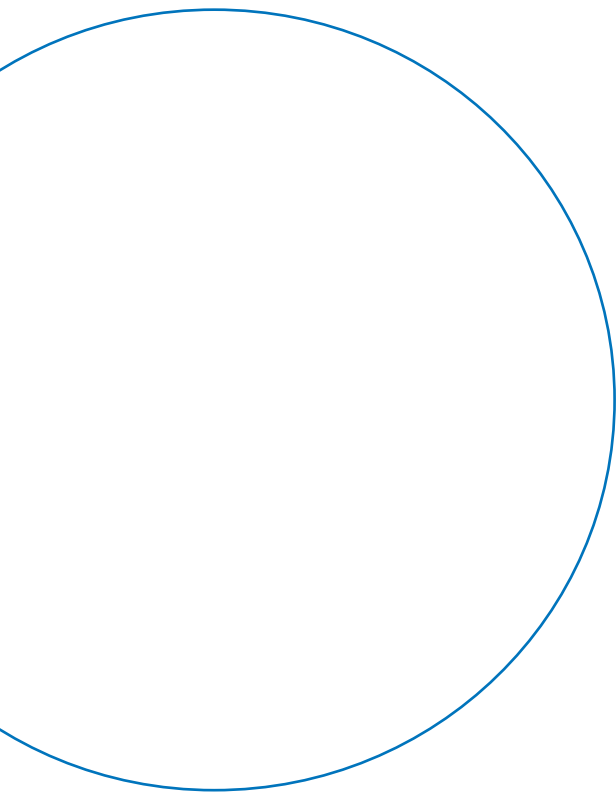
SUPPORT & MANAGE

You will benefit from the continuous support of the largest service organization, and also from some of our value propositions, such as Canon's Service Contracts - the most ambitious service schemes in the industry.

REVIEW

You will get our loyal partnership to ensure you obtain the desired benefits and expected return of investment, through a sustained and continuous improvement.





ERPA
Design | Print | Cut



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