

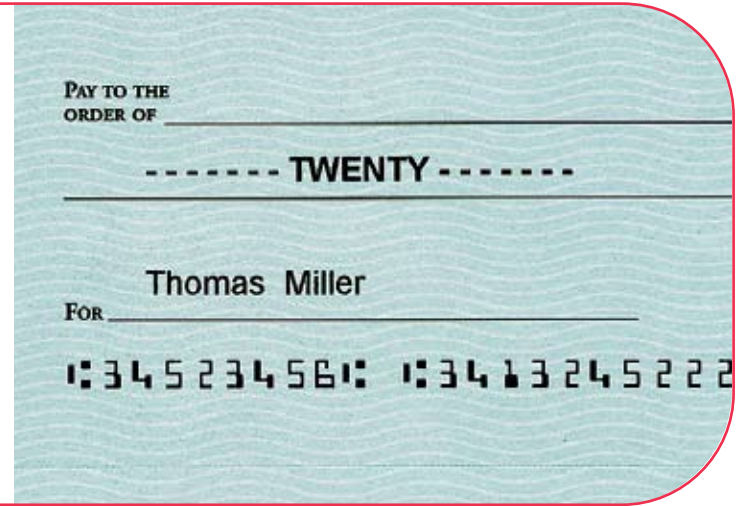


Océ
Secure document
printing solutions

Secure printing of sensitive documents



A new level of
variable, on-demand
document security



Critical protection against counterfeiting, fraud and unauthorized reproduction

With the incidence of fraud, identity theft and counterfeiting on the rise, it's more important than ever to protect all kinds of documents against unauthorized reproduction or misuse.

Producing sensitive documents demands the highest levels of quality and security. And this extends beyond checks to include applications like tickets, passports, ID badges, prescription pads, high-value coupons, cross-border documents, birth certificates and many more.

Océ inkjet technology ... perfect for security printing

For years, adding security features like pantographs, prismatic designs and holograms meant producing pre-printed forms on secure paper on offset presses – a costly, resource-intensive undertaking. Now, with versatile high-speed color inkjet technologies like the Océ JetStream® platform, printing secure documents is fast, efficient and cost-effective.

Océ JetStream inkjet technology is ideal for secure printing for a number of reasons. It addresses all color, personalization and MICR (when needed) printing requirements on a single platform. It supports a wide range of substrates. And it eliminates the multiple processes required to produce pre-printed forms on an offset press and then personalize them on a digital press.

In fact, with Océ inkjet technology, there's no need for preprinted forms or the security measures required to transport and store them. The Océ JetStream platform meets or exceeds established standards for secure document printing. At the same time, it eliminates the costly infrastructure, labor requirements and inventory costs associated with offset technologies. All of which makes Océ inkjet technology a win-win for secure document printing.

Security features to print with confidence

Producing high-value documents requires absolute safety and security. New digital security features offer a level of security equivalent or superior to those used in traditional offset-printed security papers and documents—without the associated labor and costs. Océ digital printing solutions offer a full range of anti-copy, anti-fraud security features:

- **Digital void pantograph**—appears on the front of a document, check or prescription when it is scanned or photocopied.¹
- **HALO** covert authenticable security feature—a digital logo that, when viewed through a verification grid (lenticular lens), reveals words or letters imprinted as a latent image.²
- **Prismatic design**—an overt security feature, a prismatic design is a special prismatic color printed on a document for added security. The pantographic background is printed in two or more colors, with the ink colors merged to form a blend of colors.³
- **Micro-printing of signature lines or check borders**—uses a small font that appears as a solid line. When viewed under a magnifying glass, the words become visible. When scanned or photocopied, the words run together, making them impossible to read, even with magnification.
- **A padlock icon on a check amount box**—indicates the presence of at least three security features.⁴
- **Faint “original document” security screen**—on the back of a check, drops out easily and doesn't copy or scan well.
- **Security features warning box**—on the back of a check, indicating the security features that are present.
- **Fractional account/routing numbers on a check**—indicate that if the MICR line is altered/doesn't match the fractional number, the check is not good.

¹ Licensed through Arcis Digital Security

² Licensed through Arcis Digital Security

³ Licensed through Arcis Digital Security

⁴ Licensed through Check Payment System Association

Safe, secure printing for a variety of industries and documents

While check printing demands the highest level of security, many other industries and applications benefit from advanced digital security features.

In this industry	You can securely print these applications
Financial services	Stocks, bonds, money orders, titles, valuation certificates, economic forecasts, buy/sell recommendations, board materials, sensitive reports, procedures and training manuals
Insurance	Proof of insurance, claims approval forms, release forms, claims checks, parking permits, manuals, reports (budgets, actuary, underwriting, marketing)
Government	Manuals, tests, chain-of-custody documents, licenses (business & driver), passports, immigration papers, visas, permits, marriage, birth and death certificates, business certificates of status and incorporation, patents and other documents attesting to status or value, cross-border commercial documentation, import/export documentation and verification
Education	School transcripts, diplomas, admission letters, report cards, hall passes, bus passes, textbooks, lecture materials, tests, credit vouchers, event tickets, parking passes
Healthcare	Insurance forms, doctor's excuse notes to employers, fundraising events (tickets), inventory control for pharmaceuticals and narcotics, prescriptions, patient reports and documents, transcriptions, parking passes, test results, chain-of-custody documents
Entertainment	Event tickets for concerts, sports, theater, lottery and gaming and amusement park entry tickets
Legal services	Stocks, bonds, money orders, affidavits, dispositions, transcripts, evidentiary material, contracts, wills, deeds, power of attorney, titles
Retail	Gift certificates, coupons, cash register receipts, credit vouchers
Transportation	Tickets, transfers, vouchers, bill of lading, invoices, trans-shipment documentation
Manufacturing	Warranty cards, documentation, guarantees, labels
Communications	Instructions and documentation, warranty cards, activation documentation and licenses
Information technology	Authentication material, documentation, labels and warranties
Food and beverage	Certificates, coupons, guarantees, vouchers

Océ ... a leader in secure document printing

As a leader in secure printing solutions, no company knows how to produce safer, more secure, high-quality business-critical documents than Océ. Building on a tradition of innovation and leadership in transactional and MICR printing, coupled with Check Payment Systems Association (CPSA) certification and a full range of hardware, software and security innovations, Océ can help you produce secure documents with confidence.

Océ JetStream: quality, security and personalization on one platform

Powered by Océ DigiDot™ piezoelectric drop-on-demand technology, Océ JetStream high-speed color inkjet systems are ideally suited for a wide range of secure documents. Like offset presses, they're engineered for robust performance in demanding production environments.

Océ DigiDot technology uses the industry's fastest inkjet print heads to jet droplets of ink only where they're needed. Thanks to these very small drop sizes, Océ JetStream printers can produce higher quality images, smoother halftones and excellent color output with less ink and less waste.

What's more, Océ JetStream systems are the first on the market to offer integrated MICR as a standard inkjet process. In addition to standard CMYK and MICR, Océ JetStream systems feature a fifth or sixth print head (Océ JetStream 1000), which enable printing of spot colors or unique security colors. Unlike other inkjet systems, Océ JetStream printers require no additional hardware to print security features.

A streamlined solution: white paper in, secure finished documents out

Starting with a plain white roll of paper, the Océ JetStream high-speed color inkjet press can print colored base stocks, colored shells, embedded security features, personalization and MICR lines in a single pass.

By replacing a complex, multi-step process with a single, on-demand, plain-paper-in/secure-finished-document-out process, you can streamline your production environment.

Printing secure documents on demand eliminates the costs and risks of pre-printing forms on expensive security paper stock and then storing and transporting preprinted checks and other documents that can be damaged or stolen.

An added benefit is that single-pass printing of secure documents prevents excess inventories of preprinted forms from entering the waste stream, minimizing environmental impact.

Check printing you can bank on

Check printing is a key application for secure document printing. A leader in the production of Magnetic Ink Character Recognition (MICR) documents, Océ offers a full range of check printing security features that meet criteria set forth by the industry's leading standards organizations, the American National Standards Institute (ANSI).

Océ is a member of the Check Payment Systems Association (CPSA), which sets standards for document security and publishes security feature requirements. In addition, Océ JetStream check security features meet or exceed business check, laser check and transaction check requirements. As a result, checks produced on Océ JetStream printers are considered as safe as those issued by banks.

A smaller eco-footprint

Environmental sustainability has been a defining philosophy at Océ for more than 50 years. Océ JetStream systems are designed for energy-efficient operation, emit virtually no ozone and are RoHs compliant. What's more, by eliminating the overprinting and waste associated with producing and storing preprinted forms, you can do more in less time—with less cost, resources and environmental impact.

Benefits

- Streamlined, simplified production
Faster turnaround for higher customer satisfaction
- Improved operational efficiency and productivity
- Expanded opportunities with support for mission-critical applications
- Reduced equipment investment requirements
- Less risk and lower warehousing, labor and overtime costs
- Flexibility to get more work done on one machine
- Minimal environmental impact
- Elimination of high cost of producing and storing secure preprinted stock

Summary

Océ secure printing solutions enable you to produce on-demand checks and sensitive negotiable documents safely, securely and efficiently—with complete variability, confidence and a dramatically lower cost of operation.

Printing for Professionals

Océ helps the people who make our world. Companies everywhere use Océ technical documentation systems in manufacturing, architecture, engineering and construction. High-speed Océ printing systems produce millions of transaction documents like bank statements and utility bills each week. And in offices around the world, people use Océ professional document systems to keep the wheels of business and government turning. Océ is also at work in publishing on demand, newspaper production and wide format color for spectacular display graphics.

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**Printing for
Professionals**

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