Oak Park

The Oce ColorWave3500 Proposal

Village of Oak Park

CANON SOLUTIONS AMERICA

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Executive Summary and overview of the ColorWave3500

Executive Summary:

The Village of Oak Park use the Oce ColorWave500 for the printing of maps, field drawings, CAD applications and scanning needs for the Village. The current unit was installed 5/12/2016 on a 5-year lease program that included a bundled annual payment of $10,280. The lease program covers all the lease payments, maintenance payments and toner used by the Village.

Recently the Village spoke with Canon Solutions America about budgeting for the 2021 fiscal year. Upon looking into this, the Village can leverage their remaining payment of $10,280 and do an early lease return along with trade-in value of the current ColorWave500 for a new Oce ColorWave3500. The following is a proposal from Canon Solutions America with the following information:

- Trade-in value of the ColorWave500 ($4,000)

- Early Lease Return, waive the 2020 payment of $10,280 for the new lower lease payment

- Use of Promotional Lease Rate for lower annual payment for the Village

Overview of New Oce ColorWave3500

- **Productive Toner Based unit with 4 D's/Min print speed**

    o Toner based unit has lower cost of operation than ink

    o Ability to print indoor and outdoor use applications

    o Wide variety of media

- **2 or 4 Roll unit with the ability to hold 42" wide paper and 650' Rolls**

    o 650' Roll eliminates the need to change paper as often, less user interaction

    o 42" width allows users to print 30"x42" landscape drawings at faster print speeds

    o Ability to have up to 4 rolls loaded at once, less manual interaction with the device

- **Adobe PDF Printing/Windows 10 Controller**

    o The ColorWave3500 uses true Adobe PDF processing, what you see is what you print.

    o Dual Hard Drive for faster processing and works on the latest Windows support

- **Canon Direct Support**

    o Canon Solutions America has direct support and service. The national support center is located in Itasca, IL. Local Chicago offices with service techs to support customers with little downtime in operations

    o This is the 4th Generation of proven technology with over 10,000 units in the field

OCÉ COLORWAVE 3000 SERIES

- Reduce training and support burden with exceptional ease of use

- Help save time and money with smart innovations designed for the walk-up user

- Achieve high-quality output without the need for expensive media

- Future-proof your investment with a printer that can easily handle a wide range of applications needs

With 10 years of proven technology and over 10,000 units sold, the Océ ColorWave® 3000 series is the ideal choice for both in-house and decentralized environments that require ease of use, versatility, and productivity. The user-friendly, low-maintenance printing system can easily print a wide application range with minimal operator intervention. The Océ ColorWave 3000 series offers uncompromising print quality with crisp, accurate output, making it the ideal solution for applications ranging from CAD/GIS to POP and everything in between.

Thanks to customer-proven Océ CrystalPoint® multipass print technology, you can have peace of mind that your digital files will render and print accurately. In addition, the Océ ColorWave 3000 series — representing the fourth generation of printers built with this technology — also provides a range of unique and complementary innovations designed to increase workers' knowledge and efficiency.

Large format print users will appreciate the Océ ColorWave 3000 series' versatile, high-quality print output and be astounded by its "green button" ease of use. With true print preview for any job, easy media handling, excellent workflow integration software, and a full range of perfectly tuned peripherals, the Océ ColorWave 3000 series is the large format printing solution for creators who want to print large technical drawings or graphics applications on a single easy-to-use system.

Key Product Highlights

- World-class printing speeds of up to 225 D size prints per hour
- Handles applications including B&W and color CAD, GIS and full color graphics on plain paper
- Instant-dry prints ready for immediate use
- Unique Océ MediaSense technology allowing for consistent results with each print, even among multiple print engines.
- Océ ClearConnect technology makes the right connections to get the job done.
- Optional online folder, offering different folded packages that can be prepared and printed right from your desktop
- Flexible media choices including bond, film, waterfast Tyvek, polypropylene and recycled paper

Features

Patented Océ CrystalPoint Technology

The best of solid toner paired with inkjet printing technology uses accurate dot positioning to create crisp, vibrant graphics that dry instantly on plain and recycled media. The wide format plotter delivers instantly dry prints, so there is zero drying time and your prints can be handled, stacked or folded immediately.

Like other members of the Océ large format family, this printer works just like a tablet thanks to the Océ ClearConnect user interface. The Océ ClearConnect software suite also gives you more flexible and effortless ways to submit and manage files. Print from your desktop via Océ Publisher Select¿ or Océ Direct Print software to manage complex document sets. You can even print from the cloud, your smartphone or tablet.

Sustainability

The Océ ColorWave 3500 printers / plotters utilize unique Océ TonerPearls toner making a totally clean printing / plotting system: no fine dust, no odor and minimal waste disposal.

The Océ ColorWave 3500 large format printer and copier converts solid toner "pearls" into a gel which is jetted and crystallized onto any type of paper or other media. By utilizing solid toner without fusing chemicals, the printer delivers virtually emission-free printing with no ozone, odor, or fine powder emissions

Adobe PDF Print Engine (APPE)

In many PDF workflows, PDF must be converted to Adobe PostScript before processing at the RIP/controller. In many cases converting files to PostScript requires that transparency be flattened, device-independent colors be converted to device-dependent colors, and so on. Often file's contents are converted multiple times to prepare it for output. Every conversion compromises the integrity of the original design, especially when designs becoming more complex.

Previewing too is a challenge. When previewing, software uses a different rendering than the RIP/controller. Soft proofs or previewing on screen may be unreliable. Print providers may resort to iterative proofing cycles to ensure that customers know what to expect. In summary, every conversion often leads to quality loss and errors.

POWERED BY
Adobe PDF Print Engine

Océ Scanning: Image Logic Technology

Superior color scanning and copying

The Océ ColorWave 3500 delivers high scan and copy quality. Originals are inserted face-up and paper width is detected automatically. The patented Océ Image Logic technology enhances scans and copies automatically. On the ClearConnect panel, you immediately have a live preview. Océ Image Logic compensates for wrinkles, folding lines and light colors, delivering scans and copies which will often look better than the original.

Océ Image Logic was developed and patented with the objective that the majority of the originals should be copied and scanned with the right quality the first time without any operator intervention. This saves a lot of time since the process of copying and scanning is a very time-consuming task. Originals, even if imperfect, such as text, photos and fine drawings are turned into near-perfect copies.

- Saves time and money
- Ensures excellent quality scans and copies
- Reproduces crystal-clear "photos in text" and photos
- Reproduces excellent mixed originals and fine/thin lines
- Creates clean scans/copies
- Increases operator productivity
- Reduces wasted media

How it works

- **Scanning**. The original is fed into the scanner and scanned line per line to create a Color & 256 grey scale image. Océ Image Logic takes over from here.
- **Automatic background compensation**. The background is eliminated by adjusting the background levels of all the pixels to the same grey level, resulting in a background-free image.
- **Enhancing weak information**. Fine pencil lines and other weak information are digitally enhanced. Shaded areas are also smoothed and softened using a filtering process.
- **Converting bitmap to printable data**. The grey scale image is converted into a black and white image (1 bit per pixel) using the error diffusion technique, or color. Every line and pixel is processed on the fly. Shades of grey appear smoother and (weak) lines, solids and text characters are sharply delineated and filled. The optimized image is now ready for printing.

Application Printing

For application printing, the printer is supported by the Océ Wide format Printer driver 2 for Microsoft® Windows. The most current version of drivers can always be obtained at www.csa.canon.com. The latest version of Windows Print Driver 2.0 or higher is supported by the Océ ColorWave 3500. This Autodesk certified driver provides a comfortable print-preview on screen and is an intelligent driver that automatically informs the end-user of any mistakes or conflicts prior to printing.

Océ ColorWave 3500 Printer Quote

Océ ColorWave 3500 Plotters

- **2-roll** Océ ColorWave 3500 printer
- Scanner Express Color Scanner
- Single Foot Print Design
- 10.4" Color ClearConnect Controller
- Windows10 Controller
- Adobe® Postscript® 3™ /PDF
- Receiving Rack
- Delivery (standard) and installation
- Integration on site and training onsite
- Initial Supply pack (mixed media)
- Q1 Promotion ColorWave Trade-in: $4000
- Q1 Lease Promotion: 4.24% Lease Rate
  - Fixed Payment for 5 years
- Early Buyout from Canon Financial

Model	Current Annual Payment 12,000 SQFT/Yr.	Proposed Option 1 8,000 SQFT/Yr.	Proposed Option 2 12,000 SQFT/Yr.
ColorWave 3500	$10,280/Year	$9,665/Year	$9,965/Year

New Lease Paperwork must be signed by 3/30/2020

**The service & support contract for the Océ ColorWave 3500 plotter covers all preventative and corrective maintenance and imaging devices. Media is not included. Customer orders the colors as needed.

Océ OPTIMIZE.IT program
Why choose the Océ OPTIMIZE.IT program?
OPTIMIZE.IT is a simple, usage-based program that provides a single, consolidated monthly invoice that includes all maintenance on the equipment, software, service, training, toner, and developer.
 Other benefits include:
· A low cost per square foot for the entire contract term
· A quarterly square foot allowance to smooth monthly volume changes (Reduces excess square foot costs)
· Flexibility to rollover 50% of your unused allowance to the next quarter
· Toner will be automatically shipped according to a predetermined schedule based on your print volume requirements.

Océ System Integration and Training

Océ Implementation services

Oce Systems Consultants offer your organization onsite professional consulting services. They are involved in your sales cycles from the first product demonstration thru systems integration and finally end user training. They bring you significant cost and time savings by building a solution that lets you truly benefit from efficient document and printing workflows through our real world expertise and professional training. Oce Systems Consultants support your solutions so you gain precisely the software, hardware and services that will grow your business and satisfy your customer needs.

Implementing your document solution can be a complex activity, taking up scarce time and resources. Done improperly it can bring your processes down and leave your employees without the information to do their jobs. Océ professionals, armed with knowledge gained from thousands of implementations, provide services to get you up and running smoothly.

Overview of the Implementation services you will receive with your Océ device:

- Installation & Configuration of Print Driver(s)
- Create custom page sizes (if needed)
- Configure Scan-to-File destinations (if purchased)
- Configure Copy & Scan templates
- Test print from key applications and on typical sheet sizes
- Customize system settings to customer's needs

Customer will also be trained to:

- Access and Change system defaults
- Configure Templates (copy & scan)
- Backup system settings
- Manage the Queue
- Deploy your new Print Drivers

Oce Systems Consultant will train you on the following items:

- Use system
  - Print from applications
  - Use an Océ batch print tool
  - Copy, Scan (as purchased)
- Perform Key operator functions
  - Power On/Off
  - Add consumables
  - Clear jams
- Perform Administrator functions
  - Configure Templates
  - Configure Scan Destinations
  - Configure Network Settings
  - Retrieve meter readings
  - Basic Troubleshooting
  - Place Service Calls