

# SHARP®

## INFORMATION TECHNOLOGY REFERENCE GUIDE



sharp technology  
empowers productivity

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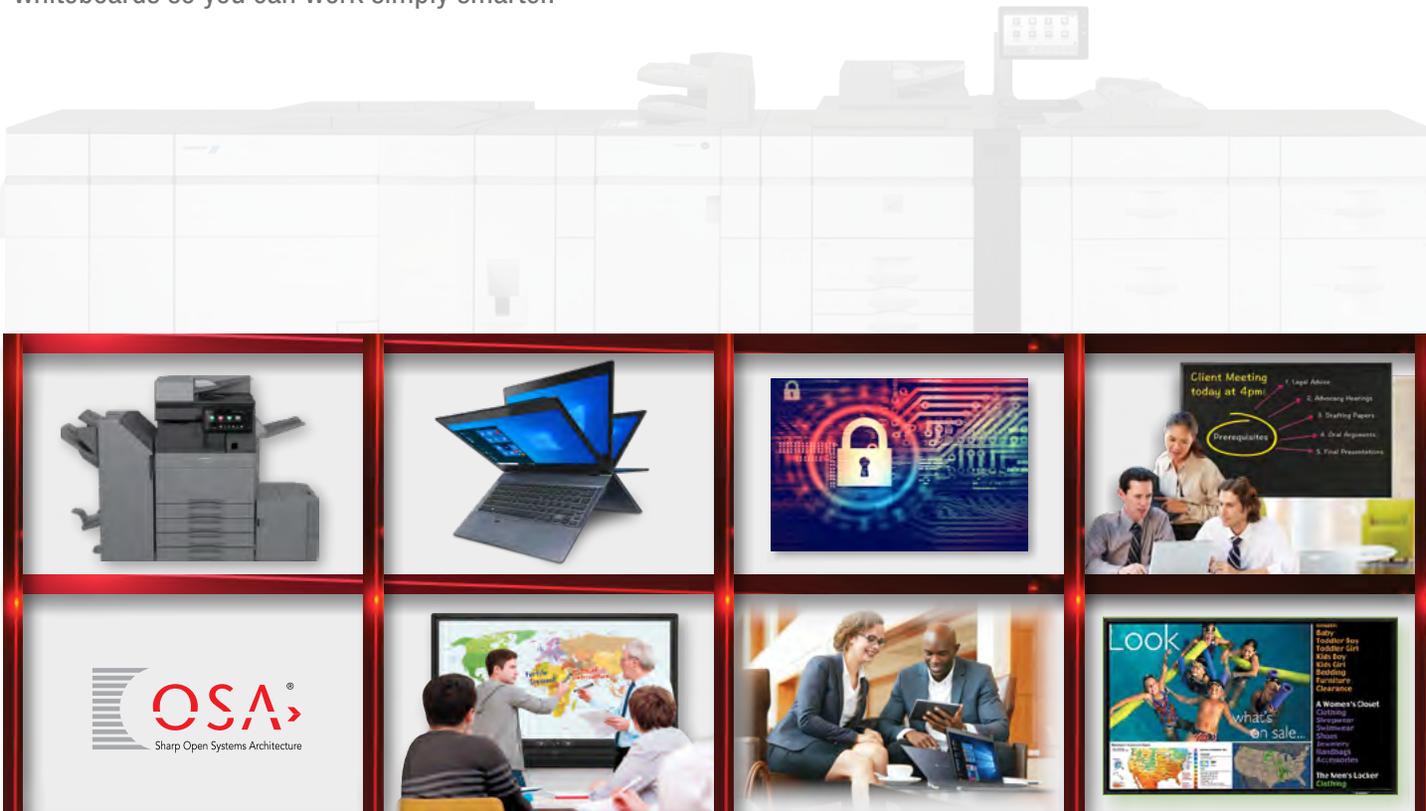
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## IT MANAGERS: SIMPLIFYING YOUR LIFE

As an **Information Technology** professional, you are no doubt faced with a unique set of challenges that pull you in many different and often conflicting directions. For example, you are forced to do more with less – supporting disparate assets throughout the sprawling enterprise with maximum interoperability and minimal resources. Internal policies and government regulations impose strict requirements on protecting the confidentiality of personal information. You also aspire to reduce the impact of your operations on the environment through reduced energy consumption and recycling.

At Sharp, we understand your goals and the issues that impede your ability to focus on strategic organizational objectives. **Our focus is to make your workplace smarter with technology that is simple to use**, whether you are working remotely or in the office. We help customers resolve collaboration struggles and close cybersecurity gaps, all while helping to drive efficiency in printing environments and using technology to help bring workers back to the office safely. Our technology solutions include advanced multifunction printers, laptops, displays and interactive whiteboards so you can work simply smarter.





## SHARP'S COMMITMENT TO INNOVATION

SYNAPPX™

For over 100 years, Sharp has been an innovator in electronics and office technology. From the Ever-Sharp pencil introduced in 1913, to a leader in the development of LCDs and modern document technologies, Sharp's vision of quality and reliability is embodied in each and every product we deliver. Our award-winning MFPs are no exception. They provide sophisticated features and unparalleled reliability to dramatically improve document workflows and business processes throughout your entire organization.

MICAS™

From copying, printing, scanning and faxing, to securely interacting with other network resources and business applications, Sharp MFPs can help boost productivity and minimize costs. In addition to our cutting-edge document systems, Sharp offers an array of display products to further meet your business needs, including interactive touchscreen displays, digital signage solutions and video wall systems.



Sharp's close relationship with both our dealers and our customers is the foundation for our unique product development process. This collaborative approach allows Sharp to deliver unique products and technologies that provide innovative customizable solutions to real-world business challenges.

Security (CC)    Scan 2    Sharp OSA    My Sharp    Pull-out Keyboard    A4 Scan Centric    MICAS<sup>SM</sup>    Synappx    Windows Collaboration Display

**2001** Introduced the first Common Criteria validated Data Security Kits for MFPs.

**2001** Pioneered Scan<sup>2</sup>™ technology with one of the first dual-head document feeders for a workgroup MFP.

**2006** Launched Sharp OSA technology, the industry's first web services development platform and the Sharp Partner Program. A new benchmark for breadth of offerings.

**2007** Introduced My Sharp™; customized support and training portal for end-users.

**2008** Introduced the first fully retractable QWERTY keyboard as a standard feature of workgroup MFPs.

**2008** Introduced A4 MFPs that offered the same advanced features as A3 models with a smaller footprint.

**2011** Led the industry with one of the first workgroup MFPs with easy-to-use tablet-style menu navigation.

**2012** Introduced Triple Air Feed paper handling for the Sharp Pro Series MFPs.

**2012** Released Sharpdesk® mobile printing/scanning solution.

**2013** Launched Industry leading Color Pro Series MFPs with Full Bleed Booklet finishing, and a Fiery® Command Workstation® Integrated at the panel.

**2014** Announced MICAS, a cloud-based, device management system.

**2017** Achieved industry's first Common Criteria certification against the new international Protection Profile for Hardcopy Devices v1.0.

**2019** Launched Synappx applications to bring smart home convenience into the workplace.

**2019** Launched Synappx applications to bring smart home convenience into the workplace.

**2019** Brought the world's first certified Windows collaboration display to market.

**2021** First workgroup vendor to include standard Microsoft Teams connector with native integration to accommodate hybrid work styles.

**2022** Led the industry with expanded multi-level security features that include Bios Integrity Check, Application Whitelisting, Real-time Intrusion Detection and available Antivirus protection powered by Bitdefender.

### History of Sharp Document Technology

# innovation

## DOCUMENT SOLUTIONS FOR THE TECHNOLOGY DRIVEN WORKPLACE

Sharp offers a broad range of award-winning multifunction printers (MFPs), ranging from compact A4 desktop models and A3 workgroup models to high-speed and light production models. Our MFPs offer many key features to help businesses of all sizes manage their document workflow safely and with greater efficiency.

- **Productive features that are easy to use**

Select Sharp MFPs offer an intuitive tablet-style touchscreen combined with a built-in retractable keyboard that makes keying in email addresses and other data simple and easy. The wakeup motion sensor on many models wakes up the machine as you are approaching so it is ready to perform when you arrive.

The Sharp dual head document feeder can scan both sides of a document in a single pass.



- **Leading-edge security**

Protecting your data is paramount for Sharp. Our MFPs are armed with leading-edge security features to help keep your business and personal data safe. Features like Active Directory® integration enable select Sharp MFPs to join the network domain as a PC, making them a trusted device. From Bios Integrity Check at startup, to the firmware that runs on that bios, to the applications and files that are allowed to load through the network interface, Sharp MFPs provide strong, well-balanced security protection to help keep your business data and personal information safe.



## A3 Workgroup MFPs

The Sharp A3 workgroup category is our most popular because Sharp models in this category address the needs of most organizations. In order to provide customers with the most flexibility, Sharp offers MFPs in this category as Advanced Series models and Essentials Series Models so that businesses can select the document system that best fits their needs and budget.

- **Advanced Series Models**

The Sharp Advanced Series models are designed for workflow centric customers and include features such as dual head scanning, which can scan both sides of an original in a single pass. Other standard features leverage artificial intelligence (AI) that provide automatic sensing of documents to automatically correct skew, detect original size and orientation, automatically set the resolution and amount of file compression, all to help the customer spend less time in front of the machine and more time at their business at hand.



- **Essentials Series Models**

The Sharp Essentials Series models are built on the same platform as the Advanced Series and are designed for value conscious customers that need full multifunction features such as copying, printing and scanning but might need advanced workflow features. The Essentials Series models can also grow as your business needs change with many optional workflow features.



Sharp A4 MFPs and printers offer performance and reliability in a compact design.

## A4 Workgroup MFPs and Printers

Sharp A4 MFPs are built for today's technology-driven office environments. These robust models deliver similar rich features and leading-edge security found in our A3 Advanced and Essentials Series lineup, all in a compact desktop design. Users will appreciate our easy-to-use, award-winning touchscreen that offers intuitive menu navigation and access to on-board user guides, consistent with most models in the Sharp MFP product line.

- **Strong Features for Enhanced Productivity**

Sharp offers a range of color and monochrome MFPs and printers to accommodate all sized offices and deliver productive features such as Postscript printing, wireless networking, access to cloud services and more.

- **Scan and Print Files Easily from Mobile Devices**

Easily scan and print files from tablets and smartphones with popular mobile technologies such as AirPrint® and Android™ printing framework. When optional wireless networking is added, users can also print directly to the MFP from mobile devices without interfering with the corporate network.



Unsurpassed  
productivity paired  
with intuitive  
operation provide  
optimum results.

## High Speed and Light Production MFPs

Sharp high speed and light production MFPs are designed around the latest application and imaging technologies. These models offer a rugged design and a user-friendly experience, helping customers navigate document workflow with unmatched efficiency.

- **High Speed Color Models**

Built for high-volume office environments, central reprographics departments and copy rooms, Sharp high speed color MFPs deliver the performance and reliability customers expect. These models offer robust paper handling as an advanced Color Consistency System helps to ensure brilliant color output, page-after-page.

- **Sharp Pro Series Light Production Models**

The Sharp Color and Monochrome Pro Series lineup offer proven technology, award-winning features and exceptional image quality. Built with the customer in mind, producing professional-looking documents has never been easier. Organizations, large and small, will benefit from the versatility and productivity these models offer. The commonalities between monochrome and color models make outfitting and managing any in-house printing facility effortless.



## PROFESSIONAL DESKTOP SOLUTIONS FOR HOME OR OFFICE

### Enhance Your Productivity with Professional Desktop Solutions for Home or Office

Sharp offers a range of high-performance, lightweight laptop computers and desktop monitors for both home and office to help businesses manage their workflow with greater efficiency. Our award-winning technology can empower teams to be productive in any environment.



### Dynabook - More Mobile Than Ever

Dynabook laptops from Sharp offer strong features and performance for today's changing office and home environments. **All Dynabook models are meticulously designed to efficiently perform even under the most grueling workloads.** Their lightweight case and ultra-thin design make them easy to carry and a pleasure at home, in office or on the road. Dynabook Laptops utilize Intel® processors and come standard with Microsoft Windows 10 Professional.

Built-in quality, **reliability** and **durability.**

## VISUAL TECHNOLOGY FOR DIVERSE BUSINESS NEEDS

Sharp offers an array of products to address visual needs for diverse businesses, including interactive touchscreen displays, professional monitors, commercial HDTVs, digital signage solutions and video wall systems.

Sharp AQUOS BOARD  
interactive displays  
provide maximum  
work efficiency with  
minimal effort.

### Interactive Displays Provide a Personal Touch

Sharp has taken the LED display to a new level by combining a high sensitivity touchscreen and original user-intuitive pen software. The **Sharp AQUOS BOARD®** interactive display system is ideal for meetings, video conferencing, classroom instruction and anywhere interactive communication is key.

The Sharp AQUOS BOARD display systems feature 4K Ultra-HD resolution and the Pen-on-Paper® user experience providing revolutionary writing comfort close to using an actual pen on paper. AQUOS BOARD interactive displays are especially valuable for the architecture, design and video industries – as well as in museums and libraries – for their precise detail and superior interactivity.

The built-in wireless connectivity application allows users to wireless present their content on the AQUOS Board screen quickly and easily. A variety of operating systems are supported including Windows®, Android™, iOS®, macOS®, iPadOS®, Chrome™ OS.



## The Future of the Smart Meeting Room is Here!

Imagine comfortable business meetings with better space utilization, more productive collaboration and minimal setup. It's now possible through the Windows collaboration display from Sharp!

The Windows collaboration display from Sharp is a Synappx-ready system and can help to amplify user collaboration to drive employee productivity and engagement. It is a next generation 4K Ultra HD 70" Class (69.5" diagonal) interactive display that enables better space utilization and more productive collaboration in meetings, boardrooms, training rooms, technical reviews and almost anywhere else.

As well as using Sharp's award-winning technology, together with an integrated video conference capability featuring a built-in microphone, high quality camera and IoT sensor hub, it works seamlessly with Microsoft 365 collaboration tools. Furthermore, it's all backed by the cloud to deliver outstanding ease-of-use and enables the continual analysis of meeting room conditions and usage.

Creating a comfortable environment in your meeting rooms pays real dividends in terms of helping people concentrate and improving productivity. The Windows collaboration display from Sharp has built-in sensors that can connect to the Microsoft Azure Digital Twins IoT platform, and other commercially available cloud and subscription services to produce a smarter workplace.

More productive  
collaboration with  
minimal setup.



## Overwhelming Realism of an 8K Ultra-HD Display

Thanks to the 33 million pixels packed into its 7,680 x 4,320-pixel resolution panel, the award-winning 8M series 8K Ultra-HD monitors achieve screen resolution 16 times higher than full-HD. You cannot help but feel the depth and presence of the stunningly realistic on-screen images.

The 8M series displays support a wide range of color expression along with faithful color mapping. A rich color palette adds depth to the content and brings the entire screen to life. In addition, 4K Ultra-HD and full-HD content can be upscaled to simulate 8K pixel resolution. Slideshows, videos, images and text can be rendered with breathtaking detail and realism.



## 4K Ultra-HD Commercial TVs Capture Attention with Engaging Detail

The Sharp commercial TVs convey messages with the true-to-life precision of Ultra-HD 4K resolution. In hospitality, business, retail, or other settings, these commercial-grade displays excel at reaching specific audiences. They will be more informed, more entertained and more engaged.

With four times the pixel resolution of full-HD, they enable customers to see more subtle textures and finer details in photos and video. For business owners and managers, the displays offer a variety of B2B features to allow for ultimate control, as well as enhanced connectivity – all within a **slim bezel design**.



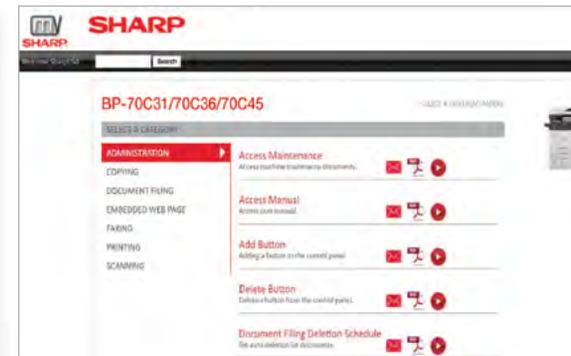
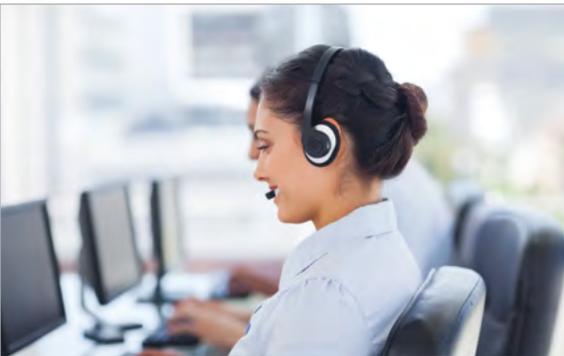
## SHARP'S DEDICATION TO SALES AND CUSTOMER SUPPORT

Our dedication and mission is to develop customer loyalty by exceeding customer expectations in order to help contribute to their success.

### Nationwide Coverage

Your relationship with Sharp does not end after your purchase. To ensure the highest level of satisfaction and support, Sharp stands behind every product through its nationwide network of professionals that are eager to work with you and address your specific needs. With both local representation and national reach, Sharp resellers provide a very high level of service and support to customers throughout the United States.

We take pride in supporting the relationships forged by our direct sales team and local authorized dealers. These relationships help Sharp develop products that continually add value and help enhance productivity. With nationwide reach, we can support large corporate installations with offices throughout a region or spanning the country. This combination of responsive local management and nationwide support delivers an outstanding experience for customers.



*My Sharp website is available 24/7 with detailed video instruction.*



### Online Support and Training with My Sharp

My Sharp, available 24/7, is a dedicated customized website providing how-to videos and PDF documents that demonstrate features of the customer's specific MFP devices.

With the intuitive web support, users can find the information they need for scan, copy, print, fax, administrative functionalities and supplies replacement, helping to reduce downtime and enhance productivity.

## ENVIRONMENTALLY-FRIENDLY



### Responsible Approach to Product Design

Most Sharp document systems utilize advanced micro-fine toner technology, which offers a lower consumption rate and produces less waste than conventional toners, resulting in longer replacement intervals. Sharp supplies are packaged using fully recyclable materials. Long-life consumable parts help minimize service intervals and down time, resulting in lower operating costs. With two different energy-saving modes, power can be reduced or shut off at set intervals. Sharp offers document systems that are **ENERGY STAR®** qualified and RoHS compliant to restrict the use of hazardous substances.



### Toner Recycling Program

As part of our commitment to helping preserve the environment, Sharp offers our customers zero-waste-to-landfill recycling – for all Sharp consumables, including cartridges, bottles, toner collection containers and drum units – at no additional cost. Sharp encourages customers to recycle their used Sharp toner cartridges in bulk by providing a pre-paid Recycling Kit for their return to our facility. Visit [www.sharpusa.com/recycle](http://www.sharpusa.com/recycle) to learn more.



Sharp takes an environmentally responsible approach to product design.





## Sharp Business Products Are EPEAT® Registered

EPEAT (Electronic Product Environmental Assessment Tool) is a third-party global rating system for greener electronics that requires ongoing independent verification of manufacturer claims. Businesses, government agencies, schools, hospitals and other institutions are using EPEAT as the environmental benchmark to help them make informed purchasing decisions. By using EPEAT standards to purchase greener electronics, you will be assuring your organization's environmental sustainability goals and help to preserve our natural resources.



committed to  
environmental sustainability

## CREATING THE SIMPLY SMARTER OFFICE

When it comes to the impact of technology on our businesses, change is the only constant. In fact, now more than ever, **simple-to-use, up-to-date office technology** can help you remove any barriers to doing business and create what we call the Simply Smarter Office.

The aim of the Simply Smarter Office is straightforward: **improve information sharing** through user-friendly, connected technology through accelerating communications and collaboration, **improving efficiencies and reducing cost**, digitizing documents and workflows and increasing information security.

Tools to help you deliver seamless collaboration through efficiency-driven advancements.

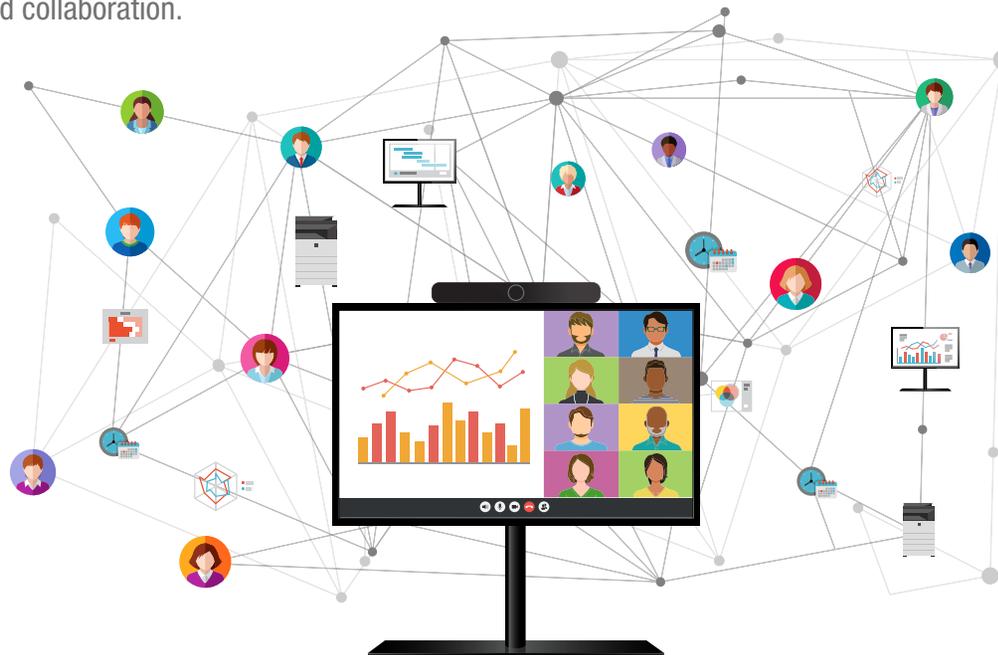


## SEAMLESSLY CONNECT TECHNOLOGY. DRIVE COLLABORATION.

**SYNAPPX™** Organizations are challenged more than ever to deliver easy access to flexible solutions that help them collaborate, engage and interact. Yet simply investing in new apps, software or supporting tools to help achieve this goal often falls short as having too many solutions creates a burden on users to learn and adopt new technology tools. **The award-winning Synappx™ solutions** help organizations deliver a consistent and intuitive user experience with collaboration technology, including new and exciting meeting solutions, to help minimize challenges for users and IT support.

### Hybrid Collaboration for a Hybrid Workplace

Synappx is the engine behind the Simply Smarter Workplace providing one platform for users and IT administrators to accelerate collaboration, simplify workflows, and increase security, delivering innovative solutions that increase efficiency of office resources, user productivity and IT admin control. **With a simple tap with a mobile device or scan of the QR code**, users can start their meetings on time and let Synappx automatically initiate the web-based video conference session while seamlessly connecting to the in-room computing device or display, as well as audio and video options. With quick access to content, hybrid meetings can be more efficient and productive as Synappx can help users engage with both in-person and virtual meeting participants. Now, users can enjoy a simple and consistent experience with the Synappx applications to help cut through technology entanglements and frustrations and drive flexible, hybrid collaboration.





## Synappx Go

Synappx Go improves the user work experience when connecting Sharp devices providing ease of use for users and security for IT top of mind. With features for collaboration and print functions all in one application, users benefit from a single interface that requires no cables for starting and hosting meetings and the ability to easily print, scan, and copy from MFPs. IT administrators have the capability to customize collaboration and document security while keeping a productive environment.

Synappx applications work in the following environments:

Synappx Solution	BYOD Device	Document	Collaboration				
		Print, Copy & Scan	In-Room Compute (PC)	Screen Casting	Remote Audience (Web Conference)	Ad-Hoc Meeting	Scheduled Meeting
Synappx Go for MFPs		✓ Copy & Scan included with MFP Lite	✓	-	-	✓	-
Synappx Go for Laptops		-	-	✓ ClickShare, Miracast, Google Cast	✓	✓	✓
Synappx Go for Collaboration		✓ Included with Synappx Go	✓	✓ Laptop via Web Conference	✓	✓	✓

## Synappx Go for Collaboration

Synappx Go for collaboration helps to bridge the gap between in-office and remote employees making hosting meetings and sharing content easier for users and IT professionals. Users can enjoy the simplicity of scan/tap to start their meetings and watch as the meeting starts and connects automatically to audio and video, instantly connecting both audiences. The intuitive app interface enables users to control the video conference and share files from their cloud storage services with all attendees, leaving no one behind. IT will have peace of mind knowing they have control over the in-room PC and access to Windows features to ensure no changes are made to the PC and no sensitive information is ever left behind.



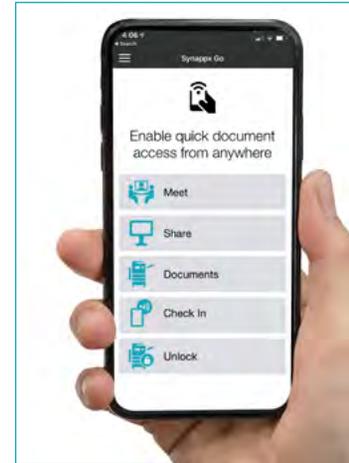
Turn any workspace into a collaboration hub to facilitate in-person and hybrid meetings with a simple and consistent user experience.

**Mobile users** will benefit from the consistent and intuitive user experience that Synappx Go has to offer.

- Tap the NFC tag or scan the QR code to auto-start a scheduled web conference and automatically connect to in-room audio and video.
- Easy access to microphone, camera, and screenshare functions from the app.
- Enhance meeting productivity with quick access to files from cloud storage or the meeting invite.
- Use the trackpad to enable mouse-like use on the display for hands-free control.
- End the meeting with a simple click to disconnect the web conference session and connection to in-room audio and video.

**Laptop users** have the comfort of their laptop with the same ease of use as the mobile experience.

- Consistent user experience with mobile and laptop.
- Type in the Synappx pairing code to launch the web conferencing system on the display and automatically connect to in-room audio and video.
- Enhance the in-room meeting experience by being in control of the display microphone, camera, screen share and audio from your laptop!



*Meet, share content, copy/print/scan, authenticate with your mobile device, and track touchpoints. All you need is the Synappx app for your hybrid workplace.*

The free version of Synappx Go allows users to scan to email, scan to self, or copy right from the MFP by simply scanning a Synappx QR code. No subscription or Synappx Admin Portal setup required.

## Synappx Go for MFPs

Synappx Go for MFPs simplifies users' workflows by enabling them to use their phone to copy, scan and print without having to login to the device. Users have access to their files from popular cloud storage services wherever they go within the app to easily scan and print at the device on demand. Just tap the NFC tag or scan the QR code to release jobs at a device!

- Synappx applications provide the user with a consistent experience across all devices.
- Users can copy, print and scan documents from their smartphones with touchless operation.
- For MFPs that have been locked by native authentication features or PaperCut, Synappx Go can unlock the device.
- Scan to and print from cloud storage services such as Microsoft Teams, OneDrive, Google Drive and more.
- Print release to add convenience and privacy from any configured MFPs and printers.

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## Content Share

**Seamlessly share, edit and navigate** through documents with Synappx Go. In-room team members can also tap the NFC tag or scan the QR code to retrieve and share content to collaborate. All edits are automatically saved to the original cloud location.

- With the tap of the NFC tag or scan the QR code, users can share documents and presentations from their favorite cloud storage applications right onto the display.
- Share photos, open web pages and email attachments on the meeting room display all from the comfort of your phone.
- Share content, change slides and scroll through pages all from your phone with remote operation.
- Team members can also tap the NFC tag or scan the QR code to retrieve the shared content.

## Check-In Experience

**Health and safety are a key consideration for organizations.** The Synappx Go Check-In feature helps track employees touchpoints in the workplace.

- Tap the NFC tag to check-in to common work areas such as break and meeting rooms.
- Reports allow administrators to track high touchpoints around the office.



Start Meetings **Anywhere, Anytime** with **One Tap**

## Remote Management and IT Control with Synappx

Designed to minimize the support load on IT administrators with integrated security, Synappx applications work with Microsoft 365 or Google Workspace.

- The IT department can utilize existing infrastructure and have full control over who and where the solutions can be used.
- Minimize user support or helpdesk calls on devices, including copiers, displays and casting solutions as users only need to familiarize themselves with how to use the Synappx apps, establishing a consistent user experience with any Synappx-ready devices.
- Users' mobile devices do not need to be on the corporate network as Synappx Go is a cloud service and works even when mobile devices are connected to the cellular network for internet access.
- With the Synappx Admin Portal, IT departments can remotely configure and manage solutions as well as remotely diagnose issues and automatically update agent apps.
- Synappx collaboration analytics are available in the Synappx Admin Portal to help organizations analyze and understand workplace trends.

Accelerate team  
performance with  
productivity  
wherever you go!





## Synappx WorkSpaces

### Analytics and Insights for a Smarter Organization

Synappx WorkSpaces is a cloud-based analytics subscription service for use with the Windows collaboration display (WCD) from Sharp that brings the power of IoT into the workplace. It allows the ability to track an organization's collaboration technologies and workspace utilization and workplace ambient conditions to help organizations create a smarter, more engaging workplace.

Synappx Workspaces services provides visual analytics to organizations without costly infrastructure investments or complex enterprise software development initiatives. Analytics created by aggregating sensor data reported by the WCD IoT sensor hub and Microsoft 365 gives organizations insight to proactively manage the collaboration workspaces and technologies for optimal efficiency and employee productivity.

Synappx WorkSpaces is a turn-key solution that helps to proactively mitigate loss of productivity with customized alerts and notifications to the changes to the ambient conditions such as temperature, humidity and even air quality in real-time. Having the data on the changes to the ambient conditions and collaboration technology utilization can enable organizations to not only manage their workplace but also the data to confirm the return on the collaborative investments for the organization.

***With the data and analytics, organizations can uncover the real reasons behind common workplace complaints such as:***

- "I can never find an available meeting space."
- "Meeting rooms are uncomfortable."
- "Some rooms are always unused."





## Synappx-ready Systems

### Accelerate Team Performance

Synappx-ready Systems, including the Windows collaboration display from Sharp, AQUOS BOARD® interactive display and MFP products, amplify key mobility, collaboration and analytics features of the Synappx applications to drive overall employee engagement and productivity.

## Security is Our Number One Priority

Security is always at the forefront of Sharp's innovative technology. With Microsoft® Azure, Microsoft® 365, and G Suite™ technologies and Sharp's security best practices, Synappx applications and services are protected by a layered security system. To learn more about the Synappx platform and security, download our security white paper.



## HANDS-FREE, VOICE-FIRST INTERACTIVE OFFICE

### MFP Voice

Sharp has always been known for enhancing MFP productivity in the workplace by offering innovative, easy-to-use features. Sharp has done it again with the new MFP voice feature available on our latest document systems. With the Sharp MFP Voice feature, you can interact with the machine just by using the power of natural language. With simple voice commands, you can ask the Sharp document system to make copies or scan a document.

Experience hands-free, voice-first interaction at the MFP with Alexa.



MX-4071 shown with available A3 Echo Dot Attachment Kit.

## EMPOWERED MOBILE MFP SOLUTIONS

Highly featured smart phones and tablets are increasingly popular communication tools in the business world. According to industry analyst IDC<sup>2</sup>, research indicates that as organizations move toward digitization and focus on mobile options such as tablets, there are print needs that are not being addressed nor met for users. The top three hurdles for print support on mobile devices are:

- Inability to print from smartphone.
- Inability to print from tablet.
- Inability to print from websites and/or portals.

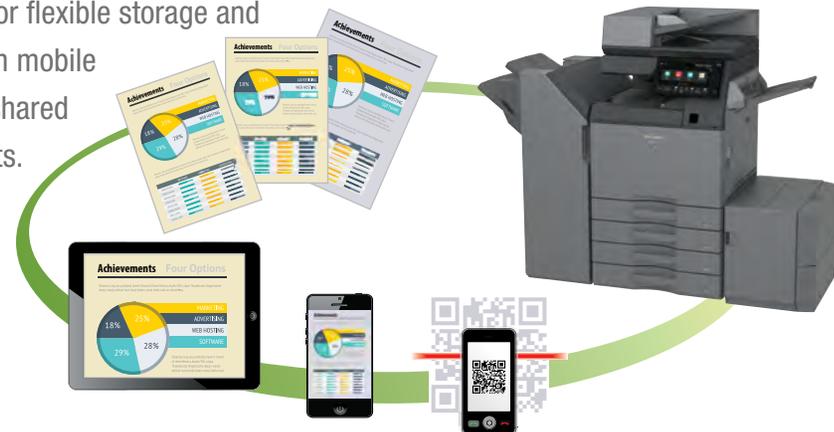
As mobile device adoption increases in organizations, print and scan support should meet evolving user needs. As users embrace their mobile devices for work, print and scan support needs to adapt to the output of digital content from mobile platforms.

Enabling the  
mobile workforce  
to work from  
virtually anywhere,  
on any device.

### Mobile Printing and Scanning for Your Workplace

Sharp understands the need to support an extended workplace that includes mobile devices by providing seamless productivity for organizations. Sharp delivers a comprehensive portfolio of solutions to support organizations' mobile printing and scanning needs.

- **Sharpdesk Mobile** offers a convenient touchless option for iOS® and Google Android users to easily print documents from their smartphones or tablets to a Sharp MFP. Users can also scan hardcopy documents from a Sharp MFP directly to their mobile devices for flexible storage and sharing. Selects models support instant pairing with mobile devices via QR code or NFC. Scanned files can be shared with other applications or sent as email attachments. Sharpdesk Mobile is available at no cost from the Windows Store, Apple App Store®, and Google Play™ store for their respective users.



## Mobile Printing and Scanning for Your Workplace *(continued)*

Stay up-to-date  
and control your  
data and resources  
with Sharp's portfolio  
of solutions.

- **Sharp Print Service Plug-in** is a native printing plug-in supporting Android 4.4 and above with framework that consists of multiple print service plug-ins to enable printing from an Android platform mobile device. The Sharp Print Service Plug-in allows you to print a variety of files with enhanced print settings, directly from Android platform devices to Sharp MFPs and printers. In addition, the Sharp Print Service Plug-in now includes support to scan a document and send it from the MFP to an Android device.
- **AirPrint™** permits printing of Web pages, photos, email and more with AirPrint-enabled Sharp devices. There is no set up required – quickly print what you want, where you want it! AirPrint is Apple's printing technology that provides instant printing capabilities for iOS and OS X devices. Select Sharp MFPs and printers have built-in AirPrint technology enabling users to print from their iPad®, iPhone® and iPod® touch mobile digital devices or Mac® computers without requiring a print driver. Additionally, the Advanced and Essential series workgroup document systems are now AirPrint-certified to support scan and fax functionalities from OS X devices.

## Optimized Printing in the Technology-driven Workplace

- **Adobe® Embedded Print Engine (AEPE)** is a next-generation RIP technology from Adobe to natively process PDF and PostScript files on the MFP for direct printing. Available on the Sharp Advanced and Essentials Series workgroup MFPs, AEPE is an optimal solution for the technology-driven workplace to facilitate faster, driverless direct printing often required for mobile and cloud environments. AEPE's enhanced PDF parsing repairs PDFs, allowing the RIP to generate output that is closest to the market-proven PDF gold standard, Adobe Acrobat® Reader® DC.



Create a selective and secure wireless hotspot for printing and scanning.

## Wireless LAN Connectivity

Transform your Sharp MFP into a wireless-enabled imaging product. Select Sharp MFPs and printers are equipped with wireless LAN capability to help your organization maximize productivity among mobile users. In alignment with your organization's security and wireless network policies, the following modes are available on select Sharp MFPs and printers:

- **Infrastructure Mode**

Sharp MFPs installed on the corporate wireless network can be placed wherever a wireless router is within range. Eliminating physical cables and hubs, Infrastructure Mode increases the options to strategically locate devices and improve accessibility.

- **Access Point Mode**

This mode is ideal for organizations that adhere to a BYOD (Bring Your Own Device) policy. Coexisting with a wired network, this mode will create an instant point-to-point wireless network connecting mobile devices to printing resources. Segregated from the corporate network, IT managers can prevent unwanted access to corporate resources while allowing mobile users to access basic printing and scanning. This enables convenient wireless usage without compromising the organization's security policy.

## USB Direct Printing and Scanning

Most Sharp MFPs allow users to scan to and print from a USB flash drive. This feature helps make it convenient for users to access the device by minimizing extra steps. For security-conscious organizations, this feature can be disabled to maintain compliance with the security policy and avoid misuse of the MFP.



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## EXTENSIVE INTEROPERABILITY

Achieve MFP  
compatibility across  
complex networks.

Sharp understands that IT administrators must ensure MFP compatibility across complex networks of computers, devices, applications and platforms. Sharp MFPs are compatible across a broad spectrum of environments, further helping to maximize your investment in technology. From defining output settings to specifying finishing options, users are able to reliably produce professional quality printed materials.

### Microsoft Windows Support

Sharp drivers are compatible with the latest Microsoft Windows operating systems. Most Sharp drivers have passed Microsoft's Windows Hardware Quality Labs (WHQL) testing for maximum compatibility and reliability. To support growing Microsoft 365 adoption, users can intuitively access their documents for printing and scanning right from Sharp MFP operation panels.

### Microsoft Universal Print

Sharp MFPs and printers also support Microsoft Universal Print Service. Universal Print is a modern print solution that organizations can use to manage their print infrastructure through cloud services from Microsoft. This Microsoft 365 subscription-based service delivers simple, rich, and secure printing experiences while reducing time and effort for IT administrators. Universal Print runs on Microsoft Azure and is fully integrated with Azure Active Directory, providing secure and efficient printing. Universal Print is supported natively on most Sharp models, while others are supported with a connector from Microsoft.

### Apple® OS X® and iOS Support

Apple not only maintains a strong presence in marketing, advertising and design departments, but Mac adoption is also growing across the enterprise. To ensure productivity of Mac users, most Sharp MFPs are compatible with the latest Mac OS X operating systems through OS X print drivers. Sharp MFPs and printers also support effortless AirPrint mobile printing via popular iOS devices.

### Google Support

Google is rapidly emerging in business environments of all sizes. Sharp MFPs help Google users through an optimized document printing and scanning experience by supporting Android devices and apps including Google Drive™.

Maintain continuity  
while producing  
consistent results.

### Citrix®

The Citrix Ready® program ensures compatibility with Citrix products. As a member of this joint solution compatibility and verification testing program, Sharp tests drivers to ensure consistent printing from Sharp MFPs and printers in Citrix XenApp® environments.

SAP® Member  
Printer Vendor Program

### Device Types

As a gold-level member of the SAP® Printer Vendor Program, Sharp ensures compatibility of MFPs and printers with SAP solutions through updated device types. Device types are files that store printer information so users can seamlessly access printer features such as paper tray selections, orientation and duplex options directory from SAP.

### Supported Page Description Languages

All network capable Sharp MFPs support the PCL® page description language. Adobe® PostScript® 3™ support is available for environments that require these industry standards.

### Linux® and UNIX® Support

Computers running on Linux and UNIX operating systems can also access the functionality of Sharp MFPs. To access these features, simply install the correct PostScript Printer Description (PPD) or PCL support file to deliver optimized printing.



# INNOVATIVE WORKFLOW SOLUTIONS FOR HEALTHCARE

## Healthcare EHR/EMR Application Compatibility



Within the healthcare industry, there are a few solution providers that are setting the standard for Electronic Health/Medical Records (EHR/EMR). Each EHR/EMR system provider has their own unique set of requirements and/or certifications for any device to be utilized with their system. Certifications are an objective, measurable way to mitigate the risks of implementing new technology into a specialized environment. Customers can seamlessly integrate their networked Sharp printers and MFPs with leading solutions such as Cerner Millennium and with confidence.

	Cerner Millennium®	MEDITECH® Magic OS*	EPIC®**
<b>MONO - A3</b>			
BP-50M26/50M31/50M36/50M45	✓	✓	✓
BP-50M55/50M65	✓	✓	✓
BP-70M31/70M36/70M45	✓	✓	✓
BP-70M55/70M65	✓	✓	✓
BP-70M75/70M90 ***	✓	✓	✓
MX-M905	✓	✓	✓
MX-M1055/M1205	✓	✓	✓
<b>COLOR - A3</b>			
MX-2630N	✓	✓	✓
MX-2651/3051/3551/4051/5051/6051	✓	✓	✓
BP-50C26/50C31/50C36/50C45	✓	✓	✓
MX-3071/3571/4071/5071/6071	✓	✓	✓
BP-50C55/50C65	✓	✓	✓
BP-70C31/70C36/70C45	✓	✓	✓
BP-70C55/70C65	✓	✓	✓
MX-7081/8081	✓	✓	✓
<b>MONO - A4</b>			
MX-B376W/B476W	✓	✓	✓
MX-B427W	✓	✓	✓
MX-B427PW	✓	✓	✓
MX-B467P	✓	✓	✓
MX-B467F	✓	✓	✓
MX-B557P/B707P	✓	✓	✓
MX-B557F	✓	✓	✓
<b>COLOR - A4</b>			
MX-C303W/C304W	✓	✓	✓
MX-C357F	✓	✓	✓
MX-C407F/C507F	✓	✓	✓
MX-C407P	✓	✓	✓
MX-C507P	✓	✓	✓
MX-C607P	-	✓	✓

\* Sharp MFPs that support PCL5, PCL 5C or PCL 5e are compatible with MEDITECH Magic OS.

\*\* Each Epic customer will have an employee trained as the Epic Technical Advisor. The Technical Advisor will approve print output device placements.

\*\*\* Validation in progress

## EFFORTLESS PRINTING

Manage all phases of printing with ease of use.

Printing is one of the most common everyday tasks at any type of organization. The challenge for IT managers is to deliver an efficient and flexible yet structured printing environment. Sharp MFPs help ensure all phases of printing and document management are easy, for both IT managers and end-users.

### Sharp Print Driver

Sharp print drivers are seamlessly integrated with Microsoft Windows OS and their popular applications such as Microsoft Office for a seamless printing experience. Specific features are available through a user friendly interface that helps meet each user's unique output requirements. Most Sharp drivers are Microsoft WHQL certified to deliver the best printing results.



Sharp PCL Windows Driver.

#### **Key features include, but are not limited to:**

- Simplified print settings and **versatile finishing** selections including **stapleless finishing**<sup>3</sup> to minimize user support.
- **Print retention** to reduce waste and protect confidential information via secured release with a PIN code or via user authentication.
- **Image quality** options to meet each user's various output needs.
- Print to **document filing** folders for convenient document retention and retrieval.
- **User authentication** to ensure only authorized users can access the device. When the MFP/printer is registered to Active Directory, it establishes secure Single Sign-On (SSO) via Kerberos token.
- **Watermarks** to help identify sensitive documents.
- **Print and send** by sending the document to registered destinations on the device when document is printed.
- **Active Directory Group Policy** to centrally control and manage printer usage.

## Sharp Universal Driver (Sharp UD)

The Sharp Universal Driver is designed to facilitate easy printer and print driver management for IT managers. With one driver providing a consistent printing experience for all end-users in the organization, the Sharp UD helps IT managers increase efficiency by simplifying support, management, installation and setup.

High-performance features for busy workgroups.



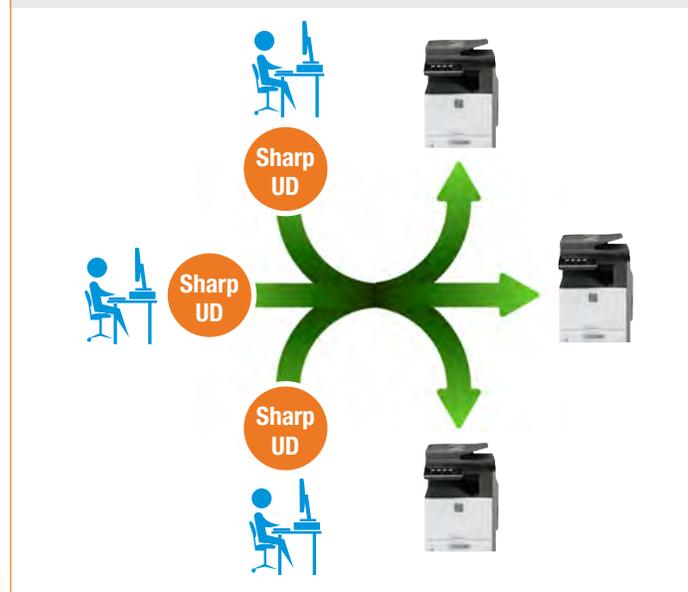
### Key features include, but are not limited to:

- **Basic Mode** and **Enhanced Mode** for your optimal printer driver deployment and management.
- Quick **device discovery** to find Sharp MFPs on the network.
- Versatile **finishing support** to maintain productivity with convenience.
- **Printer list** feature to always keep your favorite printers accessible.
- Verified and trusted **Citrix Ready** print driver.
- **Client-server** and **peer-to-peer print environment** for IT managers to provide flexible networking options.

**Client-Server:** Centrally managed by IT.  
Simplified printer management with one driver.



**Peer to Peer:** Improved user convenience with one driver for many printers.



## Print Productivity and Security

Organizations require constant improvement in productivity – providing users access to mission critical documents whenever and wherever can help meet this need. At the same time, IT departments face increased demand for print security and compliance. Sharp helps enable organizations and IT departments to overcome these challenges through user authentication security as well as convenient pull printing solutions.

- **Print Productivity for Cloud and Mobile**

Powered by Adobe Embedded Print Engine, Sharp is one of the first to adopt Adobe’s newest offerings to improve print experience from cloud and mobile. It greatly improves speed and accuracy of PDF direct printing, which is often required in the technology-driven workplace.

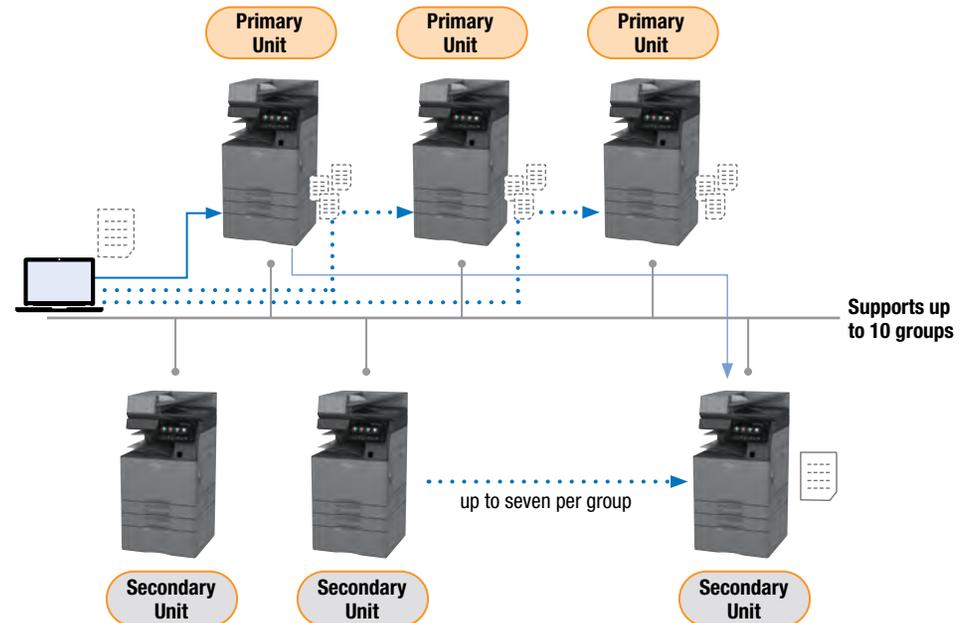
- **Print Retention and User Authentication**

With most Sharp MFPs, users can send print jobs and store them on the MFP’s hard disk drive which can then be securely released using a PIN number or via user authentication through a simple UI. When user authentication is enabled, all print jobs are authenticated and only validated print jobs are accepted and released from the device, helping organizations to not only meet their security policies and industry compliance, but also help reduce waste from orphaned jobs left at the printer.

- **Serverless Print Release**

Select Sharp MFPs come standard with Serverless Print Release technology. With this function, IT administrators can designate up to three primary MFPs that can work as print servers, enabling users to securely print a job and release it on up to seven supported MFPs in a group. Up to ten groups of MFPs can be configured on most models. See reference section for supported models.

With Serverless  
Print Release  
technology, securely  
print a job and release  
it from any of  
five select MFPs.



## Output Management for Organizations of All Sizes

Sharp offers print management solutions for all types of organizations, regardless of size, to help manage and allocate print costs. In addition to built-in billing code and print release features, Sharp MFPs and printers are compatible with various output management applications such as Kayleigh job accounting software, which offer simplified access control, print release and cost recovery features.

Flexible printing solutions help speed up your office productivity.

- **Kayleigh Job Accounting Software**

As organizations grow, managing the cost of print, scan, copy and fax activities becomes more important and allow companies to streamline budget allocation and cost recovery. Kayleigh job accounting software is an option for organizations looking to incorporate the benefits of authentication along with authorization to account for MFP usage by their employees. Kayleigh software suite offers a solution ideal for small to medium business environments with Sharp MFPs and select non-Sharp printers to implement rules-based printing policy to minimize waste.

***Kayleigh key benefits:***

- **Easy authentication** options include network username and password, ID card or PIN number.
- **Track all activities.** Manage and monitor print/copy/scan activities on Sharp MFPs and select non-Sharp printers to track spending and to optimize resources.
- **Manage MFP function and feature access** by user, department and set simple rules-based print policies to the organization to minimize waste.
- **Cost recovery** by billing clients or projects back using the client matter option.
- **Secure print/copy/scan activities** and allow users flexibility by enabling print release with optional settings from any network-connected MFP.



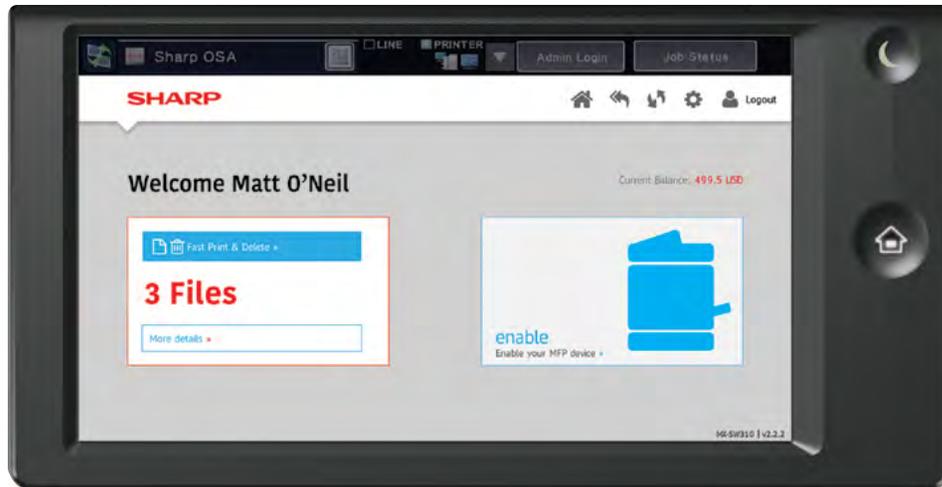
Intelligent document  
workflow solutions  
help you work  
more efficiently.

## Output Management for Organizations of All Sizes *(continued)*

### ***Kayleigh Job Accounting Solution Components***

Kayleigh job accounting solution comprises three software feature options:

- **Job Accounting: MX-SW310** – Tracks print and scan activities within the organization. Manage access to specific MFPs and set usage limits by users, department or groups.
- **Pull Printing Option: MX-SW311** – Allows the job to be stored in a secure print queue rather than printed immediately. The job can be printed on demand at any Sharp MFP on the network by minimizing waste so you can print what you need, when you need it.
- **Client Billing Option: MX-SW312** – Makes it easy to bill back clients, cost centers and projects and download reports.



*Kayleigh on the MFP Panel.*

- **Sharp Partner Program Member Applications**

Sharp and the Sharp Partner Program community offer a broad selection of tightly integrated print release, cost accounting and access control software. Whether your needs are simple or complex, **Sharp Partner Program Members** can provide the right products to help meet your print security and productivity needs. For more information on the products available from the program members, please visit [www.sharp-partners.com/validated](http://www.sharp-partners.com/validated).

## SIMPLIFIED CONTENT MANAGEMENT

Multifunction products are evolving to efficiently handle several complex tasks in one unit—copy, print, scan, fax and more—helping organizations reduce costs and increase productivity. Factor in Sharp's customizable and intuitive user interface with these robust document management capabilities, and you have a winning combination. Furthermore, Sharp offers a variety of software applications that help to enhance the integrity of hard copy to electronic document processing.

### **Integrated and Secure Document Scanning and Sending**

With Sharp's powerful ImageSend™ technology, you get one-touch access to features that allow users to efficiently communicate, collaborate and manage documents. It also gives users the option to send scanned documents to the desktop, network folders (SMB), FTP folders, USB, emails, fax and more. Select models also support convenient and secure destinations including "Scan to Home" and "Scan to My Address" to maximize productivity while reducing IT administration. In addition, select models support Distributed File System (DFS) to help ensure information security and integrity, minimizing data redundancy.



*Send scanned documents effortlessly with ImageSend technology from Sharp.*

## Unified Electronic and Physical Documents

Select Sharp MFPs enable users to convert printed documents into different types of digital formats. This optical character recognition (OCR) capability adds extensibility to the document based information. By converting the physical document into a Microsoft Office file or text formats, the document can be instantly accessible for editing and searching right after it is scanned from a Sharp MFP. For printing, select Sharp MFPs allow users to directly print Microsoft Office and text files without requiring a print driver. This can tremendously improve productivity of mobile users, allowing them to print various types of files from their mobile devices, USB memory devices, or Sharp OSA-developed integrations.

## Integrated Scan to Email

**Scan to email** is one of the most popular MFP functions. In addition to the traditional scan to email feature, select Sharp MFPs offer an integrated scanning experience with the Email Connect feature. Supported email services include:

- Exchange Server On-premises.
- Exchange Online/Microsoft 365.
- Gmail™ Web Mail Service.

The **Email Connect** feature brings both security and convenience to organizations:

- Scan and send email from logged in users.
- Access to global and personal contact lists.
- Sent history for Outlook or Gmail clients.
- Applies Exchange server rules and security (e.g. size limit, destination restrictions).
- Single sign-on with OAuth or Kerberos token.
- **Synappx Go** offers contactless scan to email and scan to cloud storage such as Microsoft Teams.





## Streamline Document Workflows with AIP Core

AIP Core is a suite of connectors available through Sharp authorized dealers enrolled in the Authorized Integrator Program (AIP). AIP Core connectors are designed to support organizations looking to simplify and streamline their business workflows to provide a secure, integrated document scanning and printing experience. Centrally managed to simplify IT administrator tasks, the AIP Core suite of connectors include:

**Blackboard Learn Connector** – The Sharp integration with Blackboard’s flagship learning management system, Blackboard Learn, will enable students to print and scan assignments from any connected Sharp MFP directly to the students’ Blackboard Learn courses. This streamlined process can ultimately help increase the timeliness and flexibility of student assignment submissions. Institutions can optimize their technology investment by leveraging the Blackboard Learn connector as part of the AIP Core suite to help increase classroom engagement and experience the integrated solutions from Sharp and Blackboard.

**Email Connector** – Supporting both on-premises Exchange® Server or Exchange Online® cloud environments, the Email Connector for Sharp OSA-enabled MFPs provides authenticated users with access to all the features normally associated with Microsoft Outlook. Scan to email messages take on the identity of the authenticated user who sent it, not unknown sources. Scanned emails appear in the senders sent messages folder. Added enhancements for the Email Connector offer a default setting option for users to copy themselves as well as the intended recipient as well as support for SMTP webmail services.

**Network Connector** – With the Network Connector, your Sharp MFP now becomes a convenient way to scan and save routine hardcopy documents to any network share. Seamless integration to Microsoft Active Directory networks provides authenticated users with access to their home folder as well as shared network folders right from the Sharp OSA-enabled MFP’s control panel.

**Dropbox Connector** – The Dropbox connector helps meet the increased demand for the popular cloud storage services. This connector allows users to scan documents to and print from their Dropbox account directly from the Sharp MFP. Seamless integration with Dropbox cloud services brings additional convenience and productivity for organizations that have adopted cloud-enabled solutions.



**Google Drive Connector** – The Google Drive connector helps to support organizations that have adopted Google Drive cloud storage services. This connector allows users to scan documents to and print from their Google Drive account directly from the Sharp MFP. Seamless support for Google Drive brings additional convenience and flexibility for organizations leveraging Google Drive cloud services.

**Fax Connector** – The Fax connector allows organizations to provide support for users to send scanned documents via a fax gateway, including cloud-based fax gateways. This connector supports the specific needs of customers in key industries such as healthcare, education, and local government with convenience.

**Solarity Connector** – The Solarity connector is designed to complement and help streamline healthcare industry specific business processes. This connector offers organizations that adopted the patented technology platform from EDCO to allow healthcare providers, hospitals, and clinics to automate inefficient indexing processes and helps to audit electronic health records (EHR) to minimize errors, missing and/or misfiled records. With the Solarity connector, healthcare organizations can scan documents from Sharp MFP and audit the scanned file before routing the document to a content management solution such as Hyland's OnBase application.

**OnBase® Connector** – With the OnBase connector, Sharp MFPs provide seamless integration with OnBase enterprise content management software by Hyland Software®. This enables users to upload scanned physical documents into OnBase as well as enter keywords right from the MFP. The OnBase connector will help establish critical industry-specific business processes in the enterprise, healthcare, education and more.

**OneDrive® Connector** – The OneDrive connector helps meet the increased demand for and adoption of Microsoft cloud services. The OneDrive Connector allows users to scan documents to and print from their Microsoft OneDrive for business account directly from the Sharp MFP. Seamless integration with Microsoft OneDrive brings additional convenience and productivity for cloud-enabled workplaces.

**SharePoint® Connector** – With the SharePoint Connector, Sharp MFPs provide seamless integration with the Microsoft SharePoint server, enabling users to upload scans of hardcopy documents and enter keywords right from the MFP. Users can also browse SharePoint document libraries at the MFP and select where to store scanned documents.

## EFFICIENT CLOUD COMPUTING

### Why Cloud?

With the growing adoption of mobile devices in business, having access to documents virtually anywhere from any device becomes increasingly important. Software as a Service (SaaS) solutions help maximize productivity and provide the ability to share and collaborate with team members regardless of location. Businesses are turning to the cloud so projects can remain on schedule.



Essentially cloud computing is using shared IT resources “on-demand” over the Internet. It is very cost effective for businesses because it is highly scalable; you pay for what you need. Additionally, there is lower burden on IT resources. No one has to install individual desktop clients, or purchase and maintain servers.

### Connecting to Cloud Services\*

Through the **Cloud Connect<sup>4</sup>** feature on most Sharp multifunction products, organizations can seamlessly integrate their paper-based document workflows with popular cloud services. Without requiring external applications or additional installations, these MFPs offer you a built-in ability to connect to the cloud. With simple configuration, your IT team can extend cloud services to efficiently manage paper-based documents. In addition, employees can conveniently access and print their cloud-stored documents directly from the user friendly MFP operation panel. For optimal user experience, single sign-on is supported. Users can login once and conveniently scan documents or access cloud-stored documents directly from the Sharp MFP.

Currently supported cloud services include **Box™, Dropbox, Gmail™, Google Drive, Microsoft Teams, OneDrive for Business, SharePoint® Online and Outlook/Microsoft 365.**

\* The Sharp Application Portal is available to support the cloud connectors as independent apps requiring no firmware updates.  
 Note: The Dropbox connector is only available with the latest Sharp Essentials and Advanced Series 2 MFP models forward.  
 The Sharp Essentials Series 2 MFP models require the MX-AMX2L/BP-AM10L option for the Dropbox Connector.

## Connecting to Third-Party Cloud Services *(continued)*

### *Cloud Connect feature includes:*

- Scan physical documents into popular supported cloud services.
- Print documents on demand from these popular cloud services at the MFP operation panel.
- Supported file formats include **Microsoft Office<sup>4</sup>**, **PDF**, **searchable PDF<sup>4</sup>** and more.
- Convenient **single sign-on** to both the MFP and supported third party cloud services.



*Built-in ability to connect to the cloud.*

## Sharp Application Portal

The Sharp Application Portal enables IT administrators and service support teams to easily update current applications including SharePoint® Online, OneDrive™ for Business, Google Drive™, Gmail and Exchange/Microsoft 365 directly from the touchscreen panel of the MFP. You can also add new applications including MFP Voice, Box and Dropbox. The Application Portal dynamic menu key conveniently displays a notification when a new application or application update is available. These important updates help maintain the operational security and stability of the applications installed on the MFP.

### *Key Benefits of the Application Portal:*

- Download applications right from the MFP touchscreen.
- Easily update current applications.
- Easily add new applications.
- Notifications for new apps and app updates.
- Easy maintenance of app security and stability.



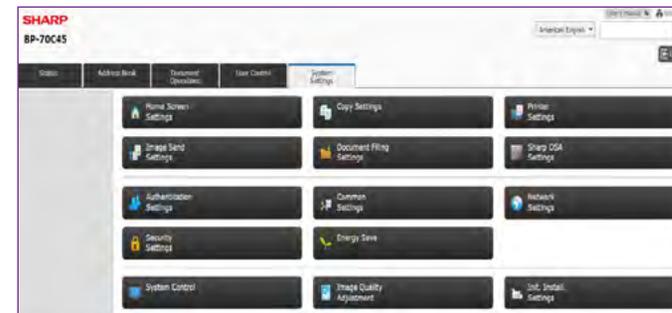
## OPTIMUM DEVICE UPTIME

Manage your device,  
safeguard your data and  
protect your business.

In today's business world, an immense amount of business information is still communicated on paper. This information must be printed, copied and scanned as a part of the document workflow process. As a result, uninterrupted uptime of MFPs and printers is important to keep up with the speed of business communications. The Sharp device management suite delivers unparalleled control over the administration of Sharp MFPs through intelligent tools. MFPs and printers in your network are effortlessly managed and monitored to maximize uptime and ensure the continuous flow of important business communications.

### Sharp MFP Web User Interface

The award-winning Sharp MFP Web user interface (aka "Web Page") is an embedded device configuration site that makes it easy for users and IT managers to administer the MFP through a standard web browser. Once authenticated, users can change their profiles and document filing folder settings, as well as maintain their one-touch address keys to quickly distribute scanned documents. From anywhere on the network, IT managers can log in and access the device's status, system, cloud connect, security and network settings, as well as maintain user accounts, specify diagnostic email alerts, clone settings and more. Administrator access can be protected via complex password.



Sharp MFP Home Page

### Sharp Remote Front Panel

Sharp Remote Front Panel is a powerful tool that enables users and support staff to remotely view the MFP's operation panel and control its features and functions from anywhere on the network. IT managers can see the same exact screen that the end user is viewing, allowing them to quickly understand issues and take the appropriate actions to solve them. Since IT managers can control the device remotely, this capability helps eliminate a costly visit to provide support, thereby reducing users' wait time.



Sharp Remote Front Panel

Expedite projects  
with remote front panel  
access from anywhere  
on the network.

## Sharp Remote Device Manager (SRDM)

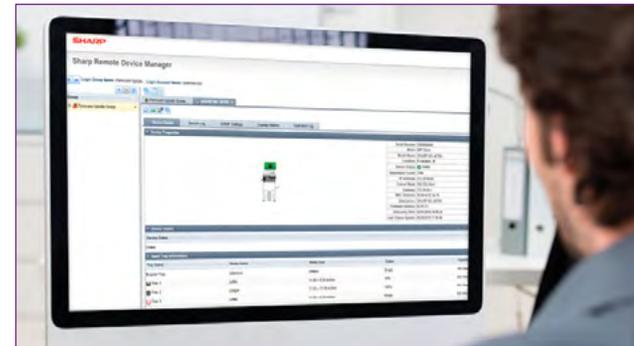
SRDM assists IT administrators who need to remotely manage and configure Sharp devices on their networks. For MFPs and printers, SRDM obtains valuable information such as paper tray details, toner levels, copy/print/fax output counts and scan/fax counts. SRDM allows IT administrators to expedite troubleshooting and centrally monitor and manage an organization's MFPs and printers from the SRDM web console. In addition, SRDM provides greater control in device security and energy consumption to help ensure corporate resources are protected. Now SRDM allows IT administrators to remotely manage and monitor select Sharp display products (SRDM V2.11 and later).

### Key Features (MFPs and Printers)

- Manual or automated device discovery.
- Remote status and consumables monitoring.
- Scheduled meter count reporting.
- Remote Front Panel access for quick user assistance.
- Remote security, network and system configuration.
- Security policy management including force reset, alerts and SIEM integration.
- On-demand and scheduled power management to minimize energy consumption.
- Device storage data backup.
- Device cloning for faster device setup.
- Email notification to IT administrators or IT service ticketing system.
- Remote firmware updates to minimize deployment time.
- Remote service delivery for optimized device uptime.

### Key Features (Display Products)

- Display device registration.
- Access to device web pages.
- Scheduled and remote power management.
- Scheduled and remote input management.
- Remote device status monitoring such as power, input, run-time hour, and temperature.
- Additional device information, such as serial number.



Sharp Remote Device Manager

## Sharp Printer Status Monitor

The Sharp Printer Status Monitor is an easy-to-use utility that provides users with real-time information from each MFP directly on their desktop. Prior to sending a job, users can review the device's status, paper supply and toner levels. Information on the progress and completion of each user's print job, as well as preventive maintenance warnings also help to increase device uptime.

Monitoring tools enable real-time alerts and remote diagnostics to help optimize device uptime.

## Remote Email Diagnostics

Putting timely and relevant information into the hands of key operators, IT managers and Sharp-authorized service providers is a breeze with Sharp Remote Email Diagnostics. IT managers can easily configure event-driven or scheduled alerts such as low consumable levels, maintenance reminders or click counts and specify the list of recipients for each. This helps bring attention where it is needed, when it is needed, for increased device availability and reduced costs (R.E.D).

## MICAS<sup>SM</sup>

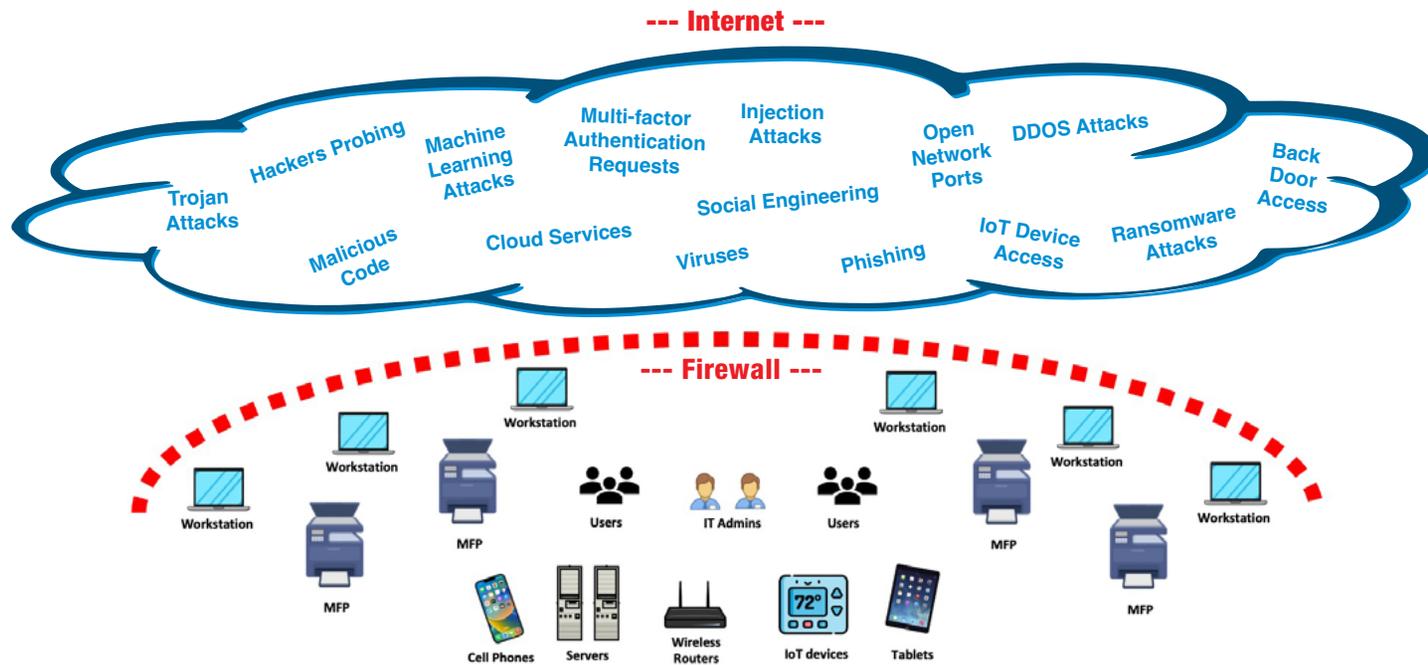
MICAS is a cloud-based device management application that uses the Sharp Remote Email Diagnostics and SNMP to collect device data and alerts. Sharp-authorized dealers can use the MICAS service to help monitor and track the status of your devices, making device management hands-free. This unique service tool helps generate automated meter data, real-time service alerts and advanced device monitoring tools. Service providers may offer remote service capabilities and OEM device support via the MICAS Agent, a locally-installed software at your office. Whether your company is large or small, local or remote, the MICAS service will help keep your devices up and running.



MICAS Agent Screen

# SECURITY FOR TODAY'S COMPLEX ENVIRONMENTS

In the early days of the Internet before MFPs were the communication hub of the office, businesses had few endpoint devices to worry about. Most users didn't even have access to the Internet. Today, businesses have many endpoint devices, and most users have access to the Internet, which is flooded with malicious intruders looking for ways to infiltrate a corporate network. Sharp addresses these concerns and others by providing a multi-layered security suite to help protect your data and personal information.



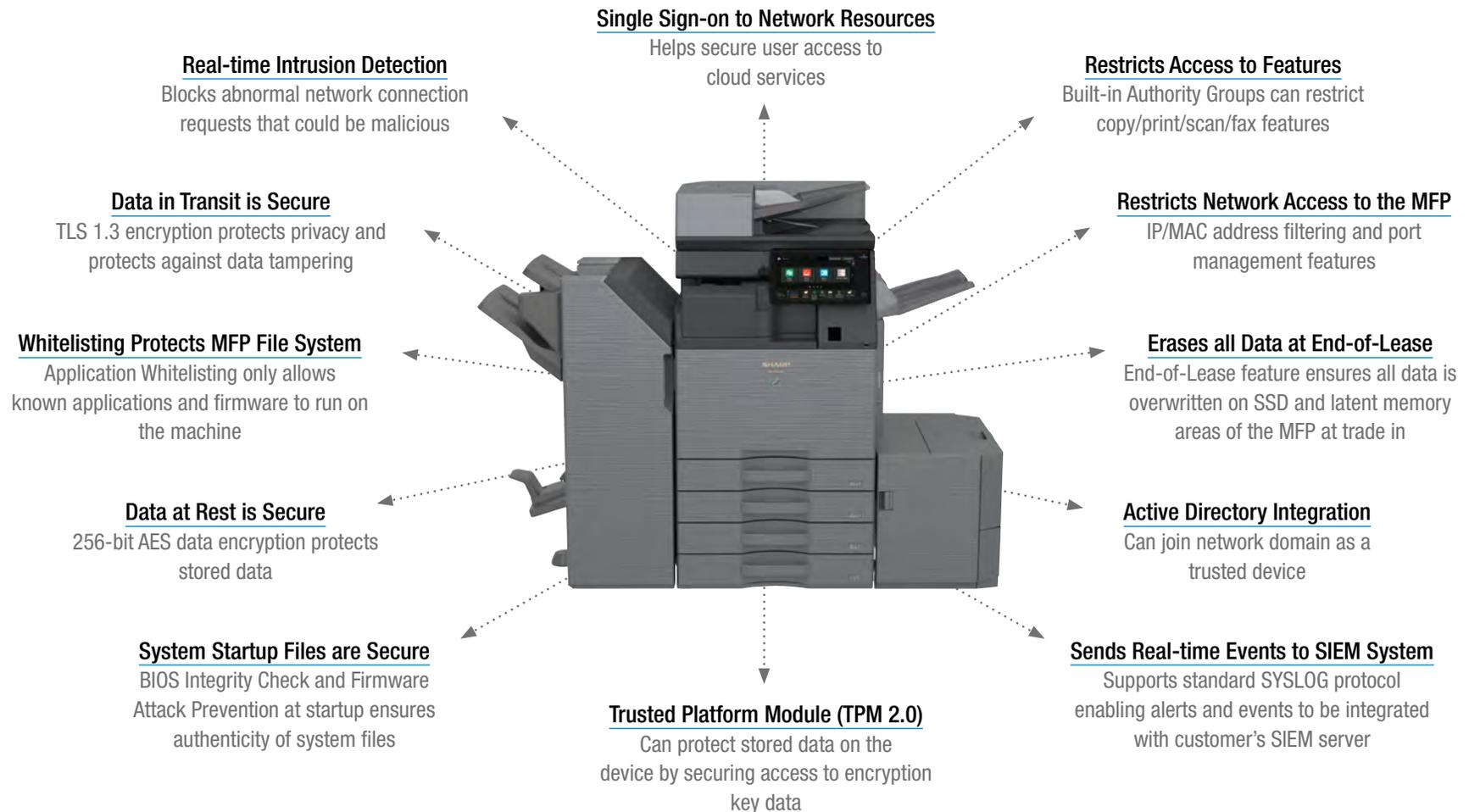
## Physical Security Threats

MFPs are typically located in common areas where they are accessible by multiple people. If walk-up access is not protected with strong authentication and unique passwords, unauthorized users can potentially gain network access or steal confidential information. Even documents left in the exit tray can be taken without authorization.

# STRONG MULTI-LAYERED SECURITY HELPS PROTECT YOUR BUSINESS

## A Leader in MFP Security

Sharp was the first to address security in digital imaging and received the first Common Criteria validation for an MFP in 2001. Since then, Sharp has been regarded as one of the industry's MFP and printer security innovators. Businesses and government agencies worldwide have come to depend on this level of assurance, which Sharp pioneered and for which it continues to set the benchmark. Security features shown below are standard on most Sharp models .



## THE SHARP SECURITY SUITE

Sharp helps IT administrators and organizations achieve optimal document security through the Sharp Security Suite. The Sharp Security Suite is effective at helping prevent unauthorized access to your network and your most confidential information with safeguards that have been designed from the ground-up. Sharp MFPs utilize a multi-layered approach for protection – providing better control over the users, devices, ports, protocols and applications that access Sharp MFPs on your network.



**HELP PROTECT  
CONFIDENTIAL DATA**  
with the **SHARP SECURITY SUITE**

### *Sharp Security Suite includes:*

- Standard multi-layered security features.
- Virus Detection Kit Powered by Bitdefender.
- Data Security Kit.
- Sharp print drivers and security software.
- Sharp OSA integrated security applications.

## Data and Information Security

Sharp standard MFP security features coupled with the optional Data Security Kit (DSK) available on most models protect and control the major MFP systems and subsystems (print, copy, scan, fax jobs, network settings, memory components and local user interface). The Sharp data encryption method uses the Advanced Encryption Standard (AES) algorithm 256-bit<sup>5</sup> on all data before it is written to RAM and the hard disk drive. Most models can provide up to 10 times data overwriting routines<sup>5</sup> to minimize information leakage. Select Sharp MFPs support DoD 5220.22-M data overwrite for optimal data security. At trade-in, Sharp MFPs include a standard End-of-Lease feature, that when implemented, ensures that all confidential information and personal data is overwritten before the device leaves the customer’s facility.

SHARP STANDARD FEATURES		WITH OPTIONAL DATA SECURITY KIT (DSK)	
Level 1 Standard Security Features	Level 2 Standard Security Features	Level 3 DSK Standard Security Mode	Level 4 DSK CC Security Mode
Includes User Authentication, Active Directory Integration, IP/MAC Address Filtering, Port Management, Audit Logs, BIOS Integrity Check, Firmware Attack Prevention, Application Whitelisting, Intrusion Detection, and others. <i>(Some features must be enabled)</i>	Includes Level 1 Standard Security Features plus Data Encryption, Data Overwrite Protection and Trusted platform Module (TPM) protection. <i>(features must be enabled)</i>	Includes Level 1 and 2 Standard Security Features plus manual data overwrite capability, disabling document filing and list printing as well as other optional feature restrictions.	Includes Level 3 DSK Standard Security Mode features, plus meets requirements for Common Criteria HCD Protection Profile v1.0 compliance. Incorporates specific forced security settings and feature restrictions. ID card readers not allowed.
Additional Security Layers (optional): Virus Detection Kit powered by Bitdefender Sharp Partner Program Member products and applications.	Additional Security Layers (optional): Virus Detection Kit powered by Bitdefender Sharp Partner Program Member products and applications.	Additional Security Layers (optional): Virus Detection Kit powered by Bitdefender Sharp Partner Program Member products and applications.	Additional Security Layers (optional): Virus Detection Kit powered by Bitdefender Sharp Partner Program Member products and applications.

## Access Control Security

To limit unwanted access to each device, most Sharp MFPs can utilize account codes, user/group profiles, passwords, or external user accounts contained in the local device address book or global user directory. All user credentials are transferred using a proven combination of Kerberos, Transport Layer Security (TLS) or AES 256-bit encryption to help avoid interception. In addition, select Sharp MFPs can be registered as a computer with the Microsoft Active Directory® domain, providing strong Kerberos token-based authentication and authorization. IT administrators can securely and conveniently manage devices and access to “scan-to folders” and “scan-to emails” with an advanced level of control.

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## Network Security

Sharp MFPs feature an intelligent network interface that can limit access to specific computers on a network by IP or MAC address, and selectively enable or disable any protocol or service port on each device. All communications to and from the MFP can utilize TLS for secure transmission over the network, and most devices also support SMB, IPv6, IPSec, 802.1X and SNMPv3.

## Fax Security

The architecture of Sharp MFPs provides a logical separation between the fax telephone line and LAN. It is, therefore, virtually impossible for attackers to gain access to the internal systems of the MFP or the local network from the MFP fax board. Additional security features are incorporated such as disabling broadcasting, allowing and rejecting reception from specific numbers, user authentication and more.

## Document and Email Security

Protection for sensitive documents can be assured through Sharp-encrypted Adobe PDF files for scanning and printing, or access control and encryption using TLS protocols for scanning, printing, email and setup. In addition, S/MIME email encryption can be enabled for secure email communications.

For more integrated email security, select Sharp MFPs offer the Email Connect feature which establishes a direct connection with Exchange servers/Microsoft 365 or Gmail. This also ensures the email is sent by the logged in user (not via the generic MFP address). The email containing the scanned document is then stored in the user's sent folder. For the Exchange server, all server rules and security (e.g. size limit, destination restrictions) are applied to maintain the organization's email security policy.

## Audit Trail Security

The Sharp granular audit log and job log feature provides comprehensive auditing of all user activity. Certain federal regulations parameters, such as "to," "from," "when" and "file name" can be logged, reviewed and archived for conformance. In addition, IT managers can monitor and review event logs such as when and what setting changes were made, or what IP addresses access the device. Real-time events can be sent to an organization's Syslog or SIEM system for integrated security management. The Sharp event log utilizes industry standard Syslog protocol RFC 5424/3164, allowing for integration with many systems.

# SECURITY FEATURES AT-A-GLANCE<sup>6</sup>

## DATA AND INFORMATION SECURITY

Sharp MFPs provide a wide range of data security capabilities as an integral part of the device's architecture, or as a function of an optional Data Security Kit (DSK).

- Automatic Data Overwrite
- Manual Data Overwrite (requires DSK)
- Custom and DoD 5200.22-m
- End-of-Lease Data Erase
- Power-up Data Overwrite (requires DSK)
- 256-Bit AES Data Encryption
- Trusted Platform Module (TPM)
- BIOS Integrity Check at Startup
- Real-time Intrusion Detection
- Bitdefender Antivirus Protection
- Application Whitelisting
- Self-recovery Firmware
- Data Back Up

## NETWORK SECURITY

Network security with MFPs and printers is one of the most critical concerns.

Sharp offers various features to help protect organizations' IT network.

- TLS Encryption (2048 bit Key supported)
- Security Policy Management
- SNMPv3 Support
- SNMP Community Name Support
- Kerberos
- IPv6 and IPsec
- Device Certificates
- IP Address Filtering
- MAC Address Filtering
- Port Control
- IEEE 802.1X™ Authentication

## ACCES CONTROL SECURITY

Sharp MFPs can be configured to help provide iron-clad user access control.

- User Authentication (Local/LDAP/Active Directory)
- Group Authorization
- Active Directory Group Policy
- Page Limit Control
- Password Protected Access to Device Web Page (Administrator and User)
- User Authority Setting
- Single-Sign-On (Kerberos and OAuth Token)
- Management of Currently Logged-In Users
- USB Card Reader Support
- ID Card User Authentication
- Scan-to-Home and Scan-to-Me
- Restrict List Printing<sup>7</sup>
- Disable Destination Selection
- Disable Address Book Registration
- Receipt Rejection from Specified Sender(s)

## EMAIL SECURITY

Send to email is one of the most common tasks for document scanning. Organizations can ensure secure send to email with Sharp MFPs.

- User Authentication
- S/MIME
- Send Only to Logged in User's Email Address
- Send from Logged in User (Email Connect)
- Store Sent Email on Sent Item Folder
- Apply Exchange Email Rules to Send to Email
- Single-Sign-On (SSO) (Kerberos and OAuth token)

## FAX SECURITY

*(Fax option may be required)*

Customers who have Sharp MFPs equipped with the fax option can be assured that the architecture of the MFP provides a logical separation between the fax telephone line and the Local Area Network (LAN).

- Segregated Fax Line
- Prevention of Junk Fax
- Confidential Fax

## MOBILE AND WIFI SECURITY

Embrace mobile printing and scanning by eliminating unauthorized access to corporate network.

- User Authentication
- Print Retention
- PIN Number Printing
- Access Point WiFi Mode

## DOCUMENT SECURITY

Protecting data on an MFP is only part of what's required to ensure complete end-to-end document security. Sharp MFPs employ a number of means, that if implemented, can help assure customers that their document data will remain confidential.

- Secure Print Release with a PIN Number
- Encrypted PDF (AES 256 bit Encryption)
- Encrypted PDF Lockout
- Tracking Information Print
- Hidden Pattern Print and Detection<sup>7</sup>

## PRINT SECURITY

Printing is the most common use of MFPs and printers. Sharp helps protect and secure print jobs during transition and at the printer.

- User Authentication
- TLS Encryption
- Secure Print Release with a PIN Number
- Serverless Print Release
- Sharp OSA Applications

## AUDIT TRAIL SECURITY

Sharp MFPs offer extensive internal logging. Audit tracking is often a critical component to monitor user and device activity. Sharp MFPs can also provide the following information:

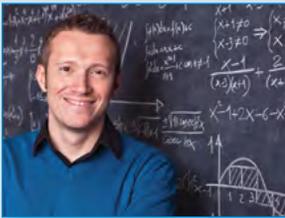
- Job Log and Usage Tracking
- Image Job Log
- Reporting and Data Export
- Administrator System Audit Logs
- Syslog Protocol RFC 5424/3164 for Syslog/SIEM Integration
- Program Partner Applications
- SRDM Security Policy Management Features

## MEETING SECURITY STANDARDS AND CERTIFICATIONS

### Security for Private Sector and Corporate Organizations

Sharp MFPs provide robust control over information access, transmission and tracking to facilitate compliance with stringent mandates. This can mitigate risk and help avoid any penalties or lawsuits for noncompliance. By implementing the Sharp Security Suite, Sharp MFPs can help many types of organizations reach and maintain compliance:

- **Educational Institutions** can meet the requirements of the Family Educational Rights and Privacy Act (**FERPA**) to protect student education records.
- **Healthcare and Insurance Providers** can achieve and sustain Health Insurance Portability and Accountability Act (**HIPAA**) compliance with confidence.
- **Financial Institutions** can maintain the privacy requirements of the Gramm-Leach-Bliley Act (**GLBA**).
- Businesses across all industries can benefit from the strict controls over financial information required under the Sarbanes-Oxley (**SOX**) Act.



### Security for Public Sector and Government Organizations

Threats to government infrastructure are rapidly growing and the number of attacks continue to rise. On one hand, information sharing is critical for the efficiency of these organizations. On the other hand, security management is becoming more challenging for IT managers. Sharp can help your organization meet US and local government information security requirements through ISO 15408/Common Criteria certifications or comprehensive security features such as data encryption, End-of-Lease feature, administrator audit logs and more.

- **Common Criteria (CC)**

Common Criteria provides a high level of confidence in the security functions of the products evaluated. Sharp was the first MFP manufacturer to achieve certification against the new Common Criteria Protection Profile for Hardcopy Devices v1.0 (HCD-PP v1.0).

## INTEGRATED BUSINESS PROCESSES



### Sharp OSA Technology Enables Integration, Customization and Personalization with Enhanced Security

Sharp OSA technology is a software development platform for Sharp A3 MFPs and select A4 MFPs. It is based on industry standard Web-services/ Web API technology and delivers integrated and customized interfaces which help streamline your business processes. Sharp OSA technology helps provide extended access to mission critical business information while your IT network and security policies are maintained.

### Sharp OSA Technology for Your Organization

Sharp OSA technology can help employees at every level of your organization by optimizing your IT investment, reducing costs, enhancing productivity and simplifying IT management:

#### Business Owners, CEOs, COOs and CFOs

- Optimized investments in imaging systems.
  - Improved employee performance.
  - Compliance with industry regulations.
  - Cost reductions and optimized Sharp MFP capability.

#### End-Customers and Business Process Owners

- Instant productivity through engaging interfaces.
  - Intuitive and easy-to-use graphical user interface.
  - Simplified steps to process documents faster.
  - Seamlessly integrated daily document workflow.



#### IT Managers and Administrators

- Integrated document and information security.
  - Improved access control and user management and usage tracking.
  - Integrated corporate IT assets and security policies.
  - Simplified management and support.

#### Application Developers and System Integrators

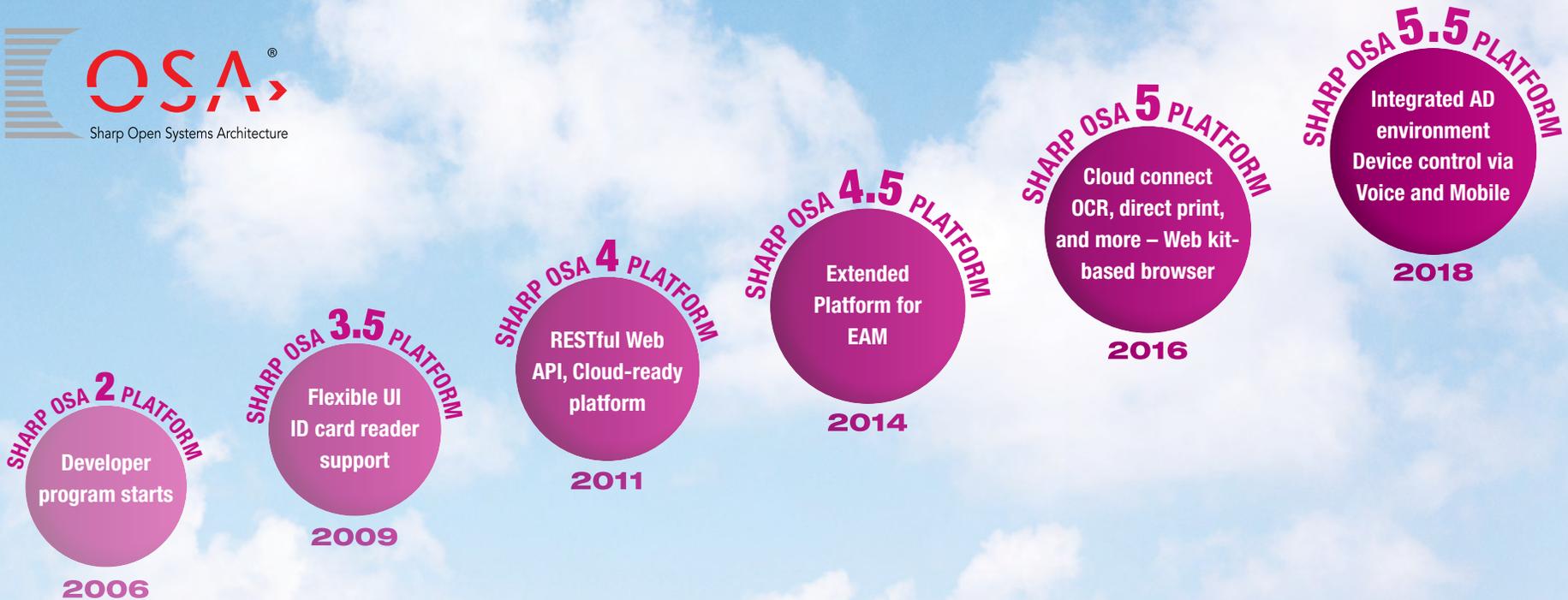
- Extensive support and resources to accelerate development.
  - One of the strongest programs and developer networks in the industry.
  - Variety of resources available, including MFP simulator, documentation, developer hotline and more.
  - Wide range of programming languages supported on Web services/web API and Webkit browser-based platform.

## Industry Leader in Web Service-based MFP Technology Platform

Sharp pioneered the first web services-based MFP technology platform. Since the birth of Sharp OSA technology, Sharp has been playing an important role in creating the industry's ecosystem. Developing strong connections among independent software vendors, solution providers and IT customers, Sharp has been helping organizations become more competitive in the marketplace.

## Cloud-ready Platform for Intelligent IT Decision Making

Sharp OSA technology is cloud ready, enabling your IT department to make intelligent and informed decisions when it comes to solution deployment. With RESTful Web API, Sharp OSA technology supports Software as a Service (SaaS) or cloud-enabled environments by efficiently assisting communications involving intermediaries such as firewalls. Enabling secure and scalable communications, Sharp OSA cloud-ready technology further expands flexibility in how the document workflow and security solutions are implemented.



## Sharp OSA SDK and License Types

The Sharp OSA Software Development Kits (SDKs) are designed to meet practically every development objective and business need.

### TYPES OF SHARP OSA SDK

PLATFORM	STANDARD SHARP OSA SDK (SUPPORTED ON ALL SHARP OSA VERSIONS)	EXTENDED SHARP OSA SDK (AVAILABLE ON SHARP OSA4 AND ABOVE PLATFORM)
<b>Functions</b>	<ul style="list-style-type: none"> <li>On-Premises Communication Support</li> </ul>	<ul style="list-style-type: none"> <li>Cloud/SaaS On-Premises Communication Support</li> </ul>
	<ul style="list-style-type: none"> <li>UI Customization</li> </ul>	<ul style="list-style-type: none"> <li>UI Customization (Webkit-based browser available for Sharp OSA 5 platform)</li> </ul>
	<ul style="list-style-type: none"> <li>Job Control                             <ul style="list-style-type: none"> <li>Scan</li> <li>Print</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Job Control                             <ul style="list-style-type: none"> <li>Scan</li> <li>Print</li> <li>Copy</li> <li>Fax and Internet Fax</li> <li>Document Filing</li> </ul> </li> </ul>
	<ul style="list-style-type: none"> <li>EAM Account Control</li> </ul>	<ul style="list-style-type: none"> <li>EAM Account Control</li> </ul>
	<ul style="list-style-type: none"> <li>USB Device Control</li> </ul>	<ul style="list-style-type: none"> <li>USB Device Control</li> </ul>

The following modules enable Sharp OSA technology on the device. Select MFP models include these modules as standard.<sup>8</sup>

- MX-AMX2L/BP-AM10L Application Communication Module (ACM)**

Allows Sharp OSA applications to control jobs and functions of scan, print, copy, and fax.

- MX-AMX3L/BP-AM11L External Accounting Module (EAM)**

Allows Sharp OSA applications to control accounting features.



## ALIGN WITH TECHNOLOGY LEADERS

Sharp is committed to meeting the ever-changing demands of the market and has fostered an active and extensive Sharp OSA Developer community whose products help add value and functionality to our award-winning MFPs. As one of the most inclusive in the industry, membership in the Sharp Partner Program is open to qualified software and hardware vendors, authorized dealers and Sharp customers.

Working with Sharp technology, including the Sharp OSA platform, Sharp Partner Program members are able to deliver highly customized solutions that enable MFPs to reach deeper into the organization than ever before. They are also able to develop unique and engaging user interfaces on the LCD display that help facilitate operation and can help increase productivity and overall efficiency. Customers can choose to leverage an existing Sharp OSA-developed application or they can join the program to develop their own custom integrations.

All members of the Sharp Partner Program, Sharp OSA Developers and companies with compatible applications, are given the option to join the Marketing Program to have their products validated by Sharp and gain access to joint marketing tools. There are two types of validation:



- **Sharp OSA Validation**

Sharp OSA Validation tests the developer's application against a set of criteria to help ensure that the connection between Sharp OSA-enabled MFPs and the developer's application works as specified. Upon successful completion of testing, the integration earns the recognition of being Sharp OSA Validated and is promoted with the use of the Sharp OSA Validation icon, providing you with assurance of successful operation on the supported Sharp OSA-capable MFPs.



- **Sharp Compatible Validation**

In addition to developers of Sharp OSA applications, the Sharp Marketing Program is also open to qualified software and hardware vendors with products complementary to Sharp MFPs. To qualify, vendors must submit their product for Sharp Compatible Validation. Once validated, the compatible product is promoted with a unique Sharp Compatible Validation icon, providing confidence that they will work with supported Sharp MFPs.

VALIDATED PROGRAM MEMBER PRODUCTS<sup>9</sup>



**ACDI**

ACDI is a manufacturer of superior copy and print control devices. The EX2000SWB Vending System copy and print control device allows users to make copies via coins, bills, cards and/or PIN accounts. It provides payment options with optimum reportability. In addition, it allows organizations the option to charge multiple price lines for color, B&W and premium paper sizes. You can track all meter usage through comprehensive reports that make reconciling easy.



**ATI**

ATI has been established internationally for over 30 years and specializes in print management output software solutions. docQmanager software is a simple to use, cost effective print room output management and web-to-print software for in-plant reprographics print rooms. Integrating seamlessly with the leading print job accounting cost recovery systems, ATI software gives organizations a powerful solution for managing print workflow and controlling print costs throughout their operations.



**BITS**

Formed in 1990, Business I.T. Systems Ltd. has developed a number of innovative software solutions designed to bring productivity gains to digital and networked environments. They are the makers of Metis, which is designed to report meter click information either collected automatically from the email server or entered manually (for those machines that do not have the email capability). Reports can be printed in a variety of formats giving the flexibility to record the required information. From the reports users can be billed for their prints and copies giving the ability to recharge the cost.



**Corelan Technologies**

Corelan Technologies is a software development company with expertise in the Document Management domain.

Corelan's core products include software for document archiving, workflow and business process automation, deployed as an appliance, on-premises and cloud. Docukit is a server and document management software in one, providing direct integration with Sharp OSA<sup>®</sup>-enabled MFPs. With secure login credentials, only authorized personnel will have access to search, view, download and edit the archived files. Since all components are built-in and integrated, implementation is fast and easy.





### DPD International

DPD International, maker of GoldFax™ software, is a leader in Windows Network Fax Server solutions providing affordable prices for small, medium and Fortune 1000 organizations worldwide. The GoldFax application, built on Microsoft .NET™ technology, integrates Sharp OSA-enabled MFPs into an enterprise-class Fax Server solution at a small business price.



### directprint.io

Headquartered in Wales, UK, directprint.io is a leader in delivering automated print management solutions. Since 2015, directprint.io has been providing the industry with an innovative SaaS print management solution with real-time, business-changing software insights. directprint.io combines the power of cloud administration and local network printing. Their unique universal driver simplifies roll-out and maintenance, resulting in zero-touch deployment at scale. directprint.io helps customers deploy, secure, control, and track printing. Their cloud-based dashboard, provides real-time, actionable insights allowing customers to take control of their print environment.



### ECI

ECI Software Solutions provides industry-specific business software solutions and services, focusing on cloud-based technologies. For 30+ years, ECI has served small to medium-sized manufacturing, wholesale/retail distribution, building and construction, and field service organizations. e-automate®, an ERP solution designed specifically for service providers, enables service providers to manage all areas of their operation with automated workflows, robust reporting, and seamless integrations with our value-add offerings. Powered by our data collection agent (DCA), our remote monitoring tools collect critical print data and send this information to a web interface where dealers can view and analyze the data, set up automated service alerts, schedule reports, export meters, and manage their print management program. Our User Management solution tracks print behavior and enables organizations to analyze, reduce, and recover their printing and photocopying costs.



**ELATEC**

RFID Systems



**Elatec**

Elatec USA, Inc. provides RFID card readers to be used in the document management services market. The TWN4 MultiTech Card Reader can read the majority of the card technologies on the market today and can simultaneously detect those cards from both the 125kHz / 134.2kHz and 13.56MHz frequency bands. The reader communicates with the MFP or printer via USB and enables user authentication at the device and is supported by virtually all major document management software solutions.



**EveryonePrint**

EveryonePrint specializes in software development, web and payment processing. Their products and services are used globally by many universities, educational institutions, government agencies and corporations worldwide. EveryonePrint Mobile Printing Software was developed in response to the many requests for features not found in any other mobile print solution. EveryonePrint installs in minutes, and lets users print from their notebooks or mobile devices with extreme ease.



**Fabsoft**

Fabsoft is a software manufacturer specialized in the automation of various document technologies involving variable data printing, document capture, distribution and print management. With over 20 years of experience, their best-in-class software is backed by highly trained product specialists that help companies implement the perfect workflow solution. The Reform<sup>®</sup> VDP is a fully scalable and versatile software solution capable of automating every critical workflow process within a business, such as document routing, print management and variable data printing. Reform possesses the capacity to boost a company's day-to-day productivity, thereby promoting sustainable business growth.



**FaxCore**

Leveraging more than 15 years of fax server industry experience, FaxCore Inc. is a leading provider of fax server solutions. FaxCore<sup>™</sup> is a fax server built on the Microsoft .NET<sup>®</sup> platform. Fax-enabled Sharp OSA-capable MFPs, email servers and other business applications easily and seamlessly. FaxCore's Web interface allows for browser-based faxing anywhere anytime and the appliance approach is easy to sell and support.



## InfoDynamics

InfoDynamics is the innovator of inPOINT and Intact Document Solution Software. inPOINT supercharges your Sharpdesk software or Network File System with auto-naming and filing of scanned documents and can query existing databases to help eliminate 90 percent of data entry and make renaming, moving and filing a thing of the past. Intact SMART™, a simple and fresh new take on feature-rich document management is a powerful easy-to-use solution that turns Sharp OSA-enabled MFPs into the center of productivity for any business. With Intact Books SMART™, the innovative integration with QuickBooks® you will increase productivity, ease-of-use and maintain uncompromising security.



## Jamex

Since its inception in 1981, Jamex has consistently delivered high-quality vending solutions for copiers, network printers and fax machines. Jamex provides software and hardware for self-service copy and print vending in a wide variety of vertical markets. The NetPad™ Touch boasts an array of impressive hardware and software features, making it the easiest, most secure self-service credit card vending solution.



## LRS Output Management

LRS is a global software provider specializing in document solutions and output management. Drive | Image streamlines digitization and document routing processes with advanced, customizable tools for automated document capture, processing and secure distribution. Drive | Print is a comprehensive print management solution with extensive usage tracking and reporting capabilities, rules-based printing, fleet management tools, embedded pull-printing and device authentication.



## M-Files® M-Files

M-Files enterprise information management (EIM) solutions can help improve and simplify how businesses manage documents and other information in order to become more productive, more efficient and stay compliant. M-Files helps eliminate information silos and provides quick and easy access to the right content from any core business system and device. The unique metadata-driven architecture enables users to find the right document instantly with a keyword search – no need to navigate through folder structures. Plus, check-out and check-in features eliminate problems of data loss that can result with simultaneous changes to documents.





### MyQ Solution



MyQ Solution is top-of-the-line print management software featuring functions that make printing secure, accessible, and cost-effective. Its printer panel interface allows for personalization and saves users time with easy one-click functions. Powerful document-digitizing workflows enhance the scanning experience with efficient automation, and advanced accounting and reporting tools inform print cost management.



### OpenText



OpenText, The Information Company™, enables organizations to gain insight through market leading information management solutions, powered by OpenText Cloud Editions. OpenText acquired XMedius in March 2020. OpenText™ XM Fax™, a digital fax solution, delivers the features and functionality to keep business flowing with reliable, secure and efficient communications and easy administration. An enterprise-grade solution, XM Fax allows employees to easily fax from workstations, email, business applications, mobile devices and multi-function printers (MFPs), integrating with and streamlining workflows across organizations. For more information about OpenText visit [opentext.com](http://opentext.com).



### PaperCut



PaperCut Software is an Australian company that developed PaperCut™ MF, the low cost software solution that enables the control and management of printers and multifunction devices. PaperCut MF is primarily used to manage print and copy access, implement quotas, charge per page and account by user, department or client via silent tracking or enforced selection. The application is used across all markets: education and small, medium or enterprise businesses ranging from one to many hundreds of thousands of users.



### Pcounter



Created in 1993, Pcounter is a division of A.N.D. Technologies, a pioneer in innovative print management software. Pcounter is a popular and competitively priced application used worldwide for print/copy tracking and management most often in education and other vertical business markets to track usage on printers of all shapes and sizes. Sharp OSA technology helps extend the functionality of Pcounter to include tracking of all walkup activity (copy/fax/scan) on Sharp OSA-enabled MFPs. It also provides authentication services, both card-based and data input, via the LCD touchscreen.

**VASION PrinterLogic**



Vasion's PrinterLogic helps IT professionals eliminate all print servers and deliver a highly available Serverless Printing Infrastructure. With PrinterLogic's centrally managed direct IP printing platform, customers empower their workforce with mobile printing, secure release printing and many other advanced features that legacy print management applications can't provide.

**Prism Software**



Prism Software provides a complete suite of industry-leading software applications for the MFP and printer markets. The DocRecord application is an advanced and powerfully featured, low cost document management system for all types of organizations. DocRecord® provides both local and web-based document search and retrieval. Features include: email retention, Microsoft Office integration, OCR, batch scanning, full text search, advanced search functions, viewing of over 300 file types in their native formats, automated document filing and indexing, audit trails, check-in and check-out, Bates stamping, versioning, roll-back, high security and much more.

**rf IDEAS**



RF IDEas designs, develops and manufactures proximity and contactless reader solutions that expand building access cards to hundreds of applications. For multifunction printers, the devices blend the need for security and convenience by utilizing the existing employee ID badge as authentication and to eliminate the need to type or key entry. AIR ID® Enroll is a USB reader that enables the use of common contactless smartcard badges for secure printing. WAVE ID Solo is a USB reader that enables the use of common proximity badges for secure printing. pcSwipe® is a USB reader that enables the use of common magnetic stripe badges for authentication and secure printing. WAVE ID® Plus is a USB reader for both 125kHz and 13.56MHz frequencies.

**Ringdale**



Ringdale is the global provider of FollowMe®, the document output management solution, which provides unrivalled flexibility for organizations looking to reduce costs, increase security and improve the efficiency of their printing environments. FollowMe ensures usability and adaptability within diverse printing environments, supporting both host and office printing. Ringdale invented FollowMe and the print roaming technology in 1997 and has continued to bring customer focused solutions to market worldwide. [www.followme.ringdale.com](http://www.followme.ringdale.com)



Since 1986, RSA has focused exclusively on solving printing challenges for customers by delivering software solutions that make printing documents convenient, simple, accurate and cost-effective. WebCRD™ is an enterprise-class, award-winning Web-based ordering, production management and cost tracking application that automates job submission to the print center. With RDOPrint™, you can leverage your investment in documents created by Xerox® FreeFlow Makeready and DigiPath. RDOPrint converts the proprietary Xerox®RDO (Raster Document Objects) files to PostScript so they can be printed on Sharp MFPs or converted to Adobe® PDF for convenient viewing, sharing and archival.



### Spiral Binding Company, Inc.

Spiral Binding Company, Inc. is an 80 year old manufacturer of document finishing equipment that compliments Sharp MFPs & Printers. Bundling Sharp equipment with Spiral's can offer customers a complete solution for off-line and near-line finishing. Spiral has document finishing equipment for small to mid-size offices, up to large high-speed production units for commercial printers, in-house copy/graphics centers, government, schools and print for pay markets.



### Square 9 Softworks

Square 9 Softworks is a leading developer of innovative, business-centric software solutions including the award-winning GlobalSearch® Document Management Suite. Dedicated to making document management available to organizations of all sizes, Square 9 Softworks designs solutions built on open architecture and cutting-edge technologies that drive efficiency and productivity across all business applications. GlobalSearch Office Workflow and the powerful line of Sharp OSA-enabled MFPs can help evolve your office with the introduction of effortless document management. Through direct integration with your Sharp MFP you can easily scan, distribute and store all your documents in a centralized repository.



### Umango



Umango is a global leader in the development of document scanning, file conversion and imaging software. They develop applications that are powerful, yet easy to install, configure and use. With virtually seamless connectivity into back office products, their solutions bring flexibility and efficiency to document processing. Umango is a document capture conversion and routing utility that runs as a Windows service. Documents are triggered from MFPs, email attachments or network folders and converted into a range of document formats (docx, xlsx, searchable pdf/a etc.), then routed into network folders or a variety of office products. Umango Extract is a scanning application that delivers efficiency in scanning, indexing and storing of documents.



### X-Rite



X-Rite is the global leader in color science and technology. The company, which now includes design industry color leader Pantone, Inc., develops, manufactures, markets and supports innovative color management solutions including measurement systems, software, color standards and services. ColorMunki Design is an all in one profiling solution combining hardware and software that allows you to work with any color from the visible spectrum. Select PANTONE® colors or capture colors from just about any substrate, plus preview out-of-gamut colors. ColorMunki Design offers essential color control functions for calibrating displays, projectors and printers all in one device.



### Y Soft



Founded in 2000, Y Soft is a progressive, globally operating company that provides print management solutions that enable companies and organizations of all sizes to control reprographic costs and reduce waste. YSoft SafeQ® is an authentication, accounting and access control solution that helps organizations simplify and secure scanning, copying and printing and enforce policies for use of printers and multifunction devices.

Cost Accounting  
**efficiency**

Workflow and Document Management  
**productivity**

**Partnering for success**

Access Control  
**security**

# Print and Network Compatibility (A3 Monochrome)

	BP-50M26/50M31/50M36/ 50M45/50M55/50M65	BP-70M31/70M36/70M45/ 70M55/70M65	BP-70M75/70M90	MX-M1056/M1206 (without Fiery option)
<b>GENERAL MFP FEATURES/FUNCTIONS</b>				
Speed	26/31/36/45/55/65 ppm	31/36/45/55/65 ppm	75/90 ppm	105/120 ppm
Function	C/P/S/F	C/P/S/F	C/P/S/F	C/P/S
Maximum Paper Size	12" x 18"	12" x 18"	12" x 18"	12" x 18"
On-screen Image Preview	Std	Std	Std	Std
Change Toner While Printing	-	-	Std	Std
Network Scanning	Std	Std	Std	Std
Hard Disk Drive/Solid State Drive	Std SSD (128 GB)	Std SSD (256 GB)	Std SSD (256 GB)	Std HDD (1 TB)
Remote Front Panel	Std	Std	Std	Yes
Retractable Keyboard	-	Std	Std	Std
Sharp OSA® Platform Version	V6	V6	V6	V5.5
<b>Natural Language Interface</b>				
Sharp Copier Skill For Amazon Alexa	Yes	Yes	Yes	Yes
<b>Network Print &amp; Scan Support</b>				
Wireless LAN	Yes	Std	Std	-
QR Code	Std	Std	Std	Std
NFC Peer-to-Peer	Std	Std	Std	-
Universal Print Support	Yes	Std	Std	Std
Sharpdesk® Mobile Compatibility	Yes	Yes	Yes	-
AirPrint	Yes	Std	Std	Std
Sharp Print Service Plugin For Android™ Printing Framework	Yes	Yes	Yes	Yes
Synappx Go	Yes	Yes	Yes	Yes
Distributed File Systems (DFS)	Std	Std	Std	Std
IPv6	Std	Std	Std	Std
PostScript® Support	Yes	Std	Std	Std
Microsoft Office Direct Printing	Yes	Std	Std	Std
Built-in OCR	Yes	Std	Std	Std
USB Printing	Yes	Std	Std	Std
Compact PDF (Scan)	Std	Std	Std	Std

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# Print and Network Compatibility (A3 Monochrome) *continued*

	BP-50M26/50M31/50M36/ 50M45/50M55/50M65	BP-70M31/70M36/70M45/ 70M55/70M65	BP-70M75/70M90	MX-M1056/M1206 (without Fiery option)
<b>OS/Application Support</b>				
Windows® 11	Yes	Yes	Yes	Yes
Windows® 2022 Server	Yes	Yes	Yes	Yes
Sharp Universal Driver (for Windows)	Yes	Yes	Yes	Yes
macOS® 12	Yes	Yes	Yes	Yes
Linux®	Yes	Yes	Yes	Yes
SAP® Device Types	Yes	Yes	Yes	Yes
<b>Cloud and Email Connect Features</b>				
OneDrive®	Yes	Std	Std	Yes
SharePoint® Online	Yes	Std	Std	Yes
Microsoft Teams	Yes	Yes	Yes	Yes
Google Drive™	Yes	Std	Std	Yes
Box™	Yes	Yes	Yes	Yes
Dropbox	Yes	Yes	-	Yes
Exchange On-premises/Online (Microsoft 365™)	Yes	Std	Std	-
Gmail™	Yes	Std	Std	-
<b>Citrix®</b>				
Citrix Virtual Apps 7 2106 Environment	-	-	Validated	-
Citrix Virtual Apps 7 1912 LTSR Environment	Validated	Validated	Validated	Validated
Citrix XenApp 7.15 LTSR Environment	Validated	Validated	-	Validated
<b>Healthcare Environment</b>				
Cerner®	In Progress	In Progress	Validated	Validated
Epic*	Compatible*	Compatible*	Compatible*	Compatible*
Meditech Magic OS**	Compatible**	Compatible**	Compatible**	Compatible**

\* Each Epic customer will have an employee trained as the Epic Technical Advisor. The Technical Advisor will approve print output device placements. \*\* Sharp MFPs that support PCL5, PCL 5c or PCL 5e are compatible with MEDITECH Magic OS.

# Print and Network Compatibility (A4 Monochrome)

	DX-B351PL/B352P	MX-B427W	MX-B427PW	MX-B467P	MX-B467F	MX-B557P/B707P	MX-B376WH/B476WH	MX-B557F
<b>GENERAL MFP FEATURES/FUNCTIONS</b>								
Speed	35 ppm	42 ppm	42 ppm	46 ppm	46 ppm	55/70 ppm	37/47 ppm	55 ppm
Function	P	C/P/S/F	P	P	C/P/S/F	P	C/P/S/F	C/P/S/F
Maximum Paper Size	Legal	Legal	Legal	Legal	Legal	Legal	Legal	Legal
On-screen Image Preview	-	-	-	-	Std	Std	Std	Std
Network Scanning	-	Yes	-	-	Yes	-	Std	Std
Hard Disk Drive/Solid State Drive	-	-	-	-	Yes	Yes	Std	Std
Remote Front Panel	-	-	-	-	Yes	Yes	Std	Std
Retractable Keyboard	-	-	-	-	-	-	-	-
Sharp OSA® Platform Version	-	-	-	-	-	-	V5.5	-
<b>Natural Language Interface</b>								
Sharp Copier Skill For Amazon Alexa	-	-	-	-	-	-	Yes	Yes
<b>Network Print &amp; Scan Support</b>								
Wireless LAN	Std (B352P)	Std	Std	Yes	Yes	Yes	Std	Std
QR Code	-	-	-	-	Std	Std	Std	Std
NFC Peer-to-Peer	-	-	-	-	-	-	Yes	Yes
Universal Print Support (with Connector)	Std	Std	Std	Std	Std	Std	Std	Std
Sharpdesk® Mobile Compatibility	-	-	-	-	-	-	Yes	-
AirPrint	Yes	Std	Std	Std	Std	Std	Std	Std
Sharp Print Service Plugin For Android™ Printing Framework	-	-	-	-	-	-	Yes	-
Distributed File Systems (DFS)	-	-	-	-	-	-	Std	Std
IPv6	Yes	Std	Std	Std	Std	Std	Std	Std
PostScript® Support	Yes	Std	Std	Std	Std	Std	Std	Std
Microsoft Office Direct Printing	-	-	-	-	Std	Std	Std	Std
Built-in OCR	-	-	-	-	-	-	Std	Std
USB Printing	Yes	Std	Std	Std	Std	Std	Std	Std
Compact PDF (Scan)	-	-	-	-	Yes	-	Std	Std

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# Print and Network Compatibility (A4 Monochrome) *continued*

	DX-B351PL/B352P	MX-B427W	MX-B427PW	MX-B467P	MX-B467F	MX-B557P/B707P	MX-B376WH/B476WH	MX-B557F
<b>OS/Application Support</b>								
Windows® 11	Yes	Std	Std	Std	Std	Std	Std	Std
Windows® 2012 Server	-	Std	Std	Std	Std	Std	Std	Std
Sharp Universal Driver (for Windows)	Yes	Std	Std	Std	Std	Std	Std	Std
macOS® 12.6	10.13	Std	Std	Std	Std	Std	Std	Std
Linux®	-	Std	Std	Std	Std	Std	Std	Std
SAP® Device Types	-	Std	Std	Std	Std	Std	Std	Std
<b>Cloud and Email Connect Features</b>								
OneDrive®	-	-	-	-	Yes	-	Std	Yes
SharePoint® Online	-	-	-	-	Yes	-	Std	Yes
Microsoft Teams	-	-	-	-	-	-	Yes	-
Goggle Drive™	-	-	-	-	Yes	-	Std	Yes
Box™	-	-	-	-	Yes	-	Yes	Yes
Dropbox	-	-	-	-	Yes	-	Yes	Yes
Exchange On-premises/Online (Microsoft 365™)	-	-	-	-	Yes	-	Std	Yes
Gmail™	-	-	-	-	Yes	-	Std	Yes
<b>Citrix®</b>								
Citrix Virtual Apps 7 2106 Environment	-	-	-	-	-	-	-	-
Citrix Virtual Apps 7 1912 LTSR Environment	-	-	-	-	-	-	-	-
Citrix XenApp 7.15 LTSR Environment	-	Validated	Validated	Validated	Validated	Validated	Validated	Validated
<b>Healthcare Environment</b>								
Cerner®	-	Validated	Validated	Validated	Validated	Validated	Certified	Validated
Epic*	-	Compatible*	Compatible*	Compatible*	Compatible*	Compatible*	Compatible*	Compatible*
Meditech Magic OS**	-	Compatible**	Compatible**	Compatible**	Compatible**	Compatible**	Compatible**	Compatible**

\* Each Epic customer will have an employee trained as the Epic Technical Advisor. The Technical Advisor will approve print output device placements. \*\* Sharp MFPs that support PCL5, PCL 5c or PCL 5e are compatible with MEDITECH Magic OS.

# Print and Network Compatibility (A3 Color)

	BP-50C26/50C31/ 50C36/50C45/50C55/50C65	BP-70C31/70C36/ 70C45/70C55/70C65	MX-7081/8081 (without Fiery option)	MX-7090N/8090N (without Fiery option)
<b>GENERAL MFP FEATURES/FUNCTIONS</b>				
Speed	26/31/36/45/55/65 ppm	31/36/45/55/65 ppm	70/80 ppm	70/80 ppm
Function	C/P/S/F	C/P/S/F	C/P/S/F	C/P/S
Maximum Paper Size	12" x 18"	12" x 18"	13" x 19"	13" x 19"
On-screen Image Preview	Std	Std	Std	Std
Change Toner While Printing	55/65 ppm Models	55/65 ppm Models	Std	Std
Network Scanning	Std	Std	Std	Std
Hard Disk Drive/Solid State Drive	Std SSD (128 GB)	Std SSD (256 GB)	Std HDD (1 TB)	Std HDD (1 TB)
Remote Front Panel	Std	Std	Std	Std
Retractable Keyboard	-	Std	Std	Std
Sharp OSA® Platform Version	V6	V6	V5.5	V5.1
<b>Natural Language Interface</b>				
Sharp Copier Skill For Amazon Alexa	Yes	Yes	Yes	-
<b>Network and Print &amp; Scan Support</b>				
Wireless LAN	Yes	Std	Std	-
QR Code	Std	Std	Std	-
NFC Peer-to-Peer	Std	Std	Std	-
Universal Print Support	Yes	Std	Std	Std
Sharpdesk® Mobile Compatibility	Yes	Yes	Yes	-
AirPrint	Yes	Std	Std	-
Sharp Print Service Plugin For Android™ Printing Framework	Yes	Yes	Yes	-
Synappx Go	Yes	Yes	Yes	Yes
Distributed File Systems (DFS)	Std	Std	Std	Std
IPv6	Std	Std	Std	Std
PostScript® Support	Yes	Std	Std	Std
USB Printing	Yes	Std	Std	Std
Microsoft Office Direct Printing	Yes	Std	Std	Std
Built-in OCR	Yes	Std	Std	Std
Compact PDF (Scan)	Std	Std	Std	Std

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# Print and Network Compatibility (A3 Color) *continued*

	BP-50C26/50C31/ 50C36/50C45/50C55/50C65	BP-70C31/70C36/ 70C45/70C55/70C65	MX-7081/8081 (without Fiery option)	MX-7090N/8090N (without Fiery option)
<b>OS/Application Support</b>				
Windows® 11	Yes	Yes	Yes	Yes
Windows® 2022 Server	Yes	Yes	Yes	Yes
Sharp Universal Driver (for Windows)	Yes	Yes	Yes	No
macOS® 12	Yes	Yes	Yes	Yes
Linux®	Yes	Yes	Yes	Yes
SAP® Device Types	Yes	Yes	Yes	Yes
<b>Cloud and Email Connectivity</b>				
OneDrive®	Yes	Std	Yes	Std
SharePoint® Online	Yes	Std	Yes	Std
Microsoft Teams	Yes	Yes	Yes	Yes
Google Drive™	Yes	Std	Yes	Std
Box™	Yes	Yes	Yes	Yes
Dropbox	Yes	Yes	Yes	-
Exchange On-premises/Online (Microsoft 365™)	Std	Std	Yes	Yes
Gmail™	Std	Std	Std	Std
<b>Citrix®</b>				
Citrix Virtual Apps 7 2106 Environment	-	-	-	-
Citrix Virtual Apps 7 1912 LTSR Environment	Validated	Validated	-	-
Citrix XenApp 7.15 LTSR Environment	Validated	Validated	Validated	-
<b>Healthcare Environment</b>				
Cerner®	In Progress	In Progress	Validated	-
Epic*	Compatible*	Compatible*	Compatible*	Compatible*
Meditech Magic OS**	Compatible**	Compatible**	Compatible**	Compatible**

\* Each Epic customer will have an employee trained as the Epic Technical Advisor. The Technical Advisor will approve print output device placements. \*\* Sharp MFPPs that support PCL5, PCL 5c or PCL 5e are compatible with MEDITECH Magic OS.

# Print and Network Compatibility (A4 Color)

	MX-C303WH/C304WH	MX-C357F	MX-C407F/C507F	MX-C407P	MX-C507P	MX-C607P
<b>GENERAL MFP FEATURES/FUNCTIONS</b>						
Speed	30 ppm	35 ppm	40/50 ppm	40ppm	40/50 ppm	60 ppm
Function	C/P/S/F	C/P/S/F	C/P/S/F	P	C/P/S/F	P
Maximum Paper Size	Legal	Legal	Legal	Legal	Legal	Legal
On-screen Image Preview	Std	Std	Std	Std	Std	Std
Network Scanning	Std	Std	Std	-	-	-
Hard Disk Drive/Solid State Drive	Std	Yes (500 GB)	Yes (C407F) (500 GB) Std (C507F) (500 GB)	Yes (500 GB)	Yes (500 GB)	Yes (500 GB)
Remote Front Panel	Std	Yes	Yes	Yes	Yes	Yes
Retractable Keyboard	-	-	-	-	-	-
Sharp OSA® Platform Version	V5.5 Lite	-	-	-	-	-
<b>Natural Language Interface</b>						
Sharp Copier Skill For Amazon Alexa	Yes	-	-	-	-	-
<b>Network and Print &amp; Scan Support</b>						
Wireless LAN	Std	Yes	Yes	Yes	Yes	Yes
QR Code	Std	Std	Std	Std	Std	Std
NFC Peer-to-Peer	Yes	-	-	-	-	-
Universal Print Support (with Connector)	Std	Std	Std	Std	Std	Std
Sharpdesk® Mobile Compatibility	Std	-	-	-	-	-
AirPrint	Std	Std	Std	Std	Std	Std
Sharp Print Service Plugin For Android™ Printing Framework	Std	-	-	-	-	-
Synappx Go	Yes	Yes	Yes	Yes	Yes	Yes
Distributed File Systems (DFS)	Std	-	-	-	-	-
IPv6	Std	Std	Std	Std	Std	Std
PostScript® Support	Yes	Std	Std	Std	Std	Std
USB Printing	Yes	Std	Std	Std	Std	Std
Microsoft Office Direct Printing	Yes	Std	Std	Std	Std	Std
Built-in OCR	-	Yes	No (C407F) Std (C507F)	-	-	-
Compact PDF (Scan)	Std	Yes	Yes	-	-	-

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# Print and Network Compatibility (A4 Color) *continued*

	MX-C303WH/C304WH	MX-C357F	MX-C407F/C507F	MX-C407P	MX-C507P	MX-C607P
<b>OS/Application Support</b>						
Windows® 11	Std	Std	Std	Std	Std	Std
Windows® 2022 Server	Std	Std	Std	Std	Std	Std
Sharp Universal Driver (for Windows)	Std	Std	Std	Std	Std	Std
macOS® 12	Std	Std	Std	Std	Std	Std
Linux®	Std	Std	Std	Std	Std	Std
SAP® Device Types	Std	Std	Std	Std	Std	Std
<b>Cloud and Email Connectivity</b>						
OneDrive®	Yes (C303WH) Std (C304WH)	Yes	Yes	-	-	-
SharePoint® Online	Yes (C303WH) Std (C304WH)	Yes	Yes	-	-	-
Microsoft Teams	-	-	-	-	-	-
Goggle Drive™	Yes (C303WH) Std (C304WH)	Yes	Yes	-	-	-
Box™	Yes	Yes	Yes	-	-	-
Dropbox	Yes	Yes	Yes	-	-	-
Exchange On-premises/Online (Microsoft 365™)	Std	Yes	Yes	-	-	-
Gmail™	Std	Yes	Yes	-	-	-
<b>Citrix®</b>						
Citrix Virtual Apps 7 2106 Environment	-	-	-	-	-	-
Citrix Virtual Apps 7 1912 LTSR Environment	-	Validated	Validated	Validated	Validated	Validated
Citrix XenApp 7.15 LTSR Environment	Validated	Validated	Validated	Validated	Validated	Validated
<b>Healthcare Environment</b>						
Cerner®	Validated	Validated	Validated	-	Validated	-
Epic*	Compatible*	Compatible*	Compatible*	Compatible*	Compatible*	Compatible*
Meditech Magic OS**	Compatible**	Compatible**	Compatible**	Compatible**	Compatible**	Compatible**

\* Each Epic customer will have an employee trained as the Epic Technical Advisor. The Technical Advisor will approve print output device placements. \*\* Sharp MFPs that support PCL5. PCL 5c or PCL 5e are compatible with MEDITECH Magic OS.

# Device Management Compatibility (A3 Monochrome)

	BP-50M26/50M31/50M36/ 50M45/50M55/50M65	BP-70M31/70M36/ 70M45/70M55/70M65	BP-70M75/70M90	MX-M1056/M1206 (without Fiery option)
<b>GENERAL MFP FEATURES/FUNCTIONS</b>				
Speed	26/31/36/45/55/65 ppm	31/36/45/55/65 ppm	75/90 ppm	105/120 ppm
Sharp Administration Utility				
Printer Status Monitor	Yes	Yes	Yes	Yes
Sharp MFP Device Webpage (when DSK is installed, some user features are restricted)				
Device Status	Yes	Yes	Yes	Yes
SSL Secured Device Home Page Access	Yes	Yes	Yes	Yes
User Address Book (Local)	Yes	Yes	Yes	Yes
User Address Book (Global)	Yes	Yes	Yes	Yes
User Features				
Address Book Access	Yes	Yes	Yes	Yes
User Folder Setups (Document Filing)	Yes	Yes	Yes	Yes
Scan Destinations	Yes	Yes	Yes	Yes
Paper Tray Settings	Yes	Yes	Yes	Yes
Administrator Features				
Password Protected Access	Yes	Yes	Yes	Yes
Add Users	Yes	Yes	Yes	Yes
User Role (Admin, Users, etc.)	Yes	Yes	Yes	Yes
User/Group Access Control, Page Limit and Permissions	Yes	Yes	Yes	Yes
System, Network, Security, Application Energy Configuration	Yes	Yes	Yes	Yes
Email Notification Setting	Yes	Yes	Yes	Yes
Favorite Group Custom Setting	Yes	Yes	Yes	Yes
Energy/Toner Saving Mode	Yes	Yes	Yes	Yes
MFP Home Screen Customization	Yes	Yes	Yes	Yes
USB Device Support	Yes	Yes	Yes	Yes
Job Log	Yes	Yes	Yes	Yes
Audit/Event Log	Yes	Yes	Yes	Yes
Operation Manual Download	Yes	Yes	Yes	Yes

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# Device Management Compatibility (A3 Monochrome) *continued*

	BP-50M26/50M31/50M36/ 50M45/50M55/50M65	BP-70M31/70M36/ 70M45/70M55/70M65	BP-70M75/70M90	MX-M1056/M1206 (without Fiery option)
<b>Sharp Remote Device Manager (SRDM)</b>				
Device Web Page Access	Yes	Yes	Yes	Yes
Print Driver Distribution (Preconfigured)	Yes	Yes	Yes	Yes
Device Discovery	Yes	Yes	Yes	Yes
SNMP v3	Yes	Yes	Yes	Yes
Device Status	Yes	Yes	Yes	Yes
Meter Counts	Yes	Yes	Yes	Yes
Device Information Including Serial Number, Device Name, MAC address, etc.	Yes	Yes	Yes	Yes
Email Alert For Status Changes, Errors, Warnings and Maintenance Conditions	Yes	Yes	Yes	Yes
Power Management	Yes	Yes	Yes	Yes
Security Policy Management	Yes	Yes	Yes	Yes
Remote Operation Panel (in Simulation Mode)	Yes	Yes	Yes	Yes
Service Logs (22-6, 23-2)	Yes	Yes	Yes	Yes
Remote SIM Access	Yes	Yes	Yes	Yes
Firmware Version	Yes	Yes	Yes	Yes
Remote Firmware Updates (Scheduled)	Yes	Yes	Yes	Yes
Storage Backup (Address Book, User List, etc. Scheduled/On Demand)	Yes	Yes	Yes	Yes
Device Cloning (Scheduled/On Demand)	Yes	Yes	Yes	Yes
<b>Toner Level Reporting</b>				
1% Increments	Yes	Yes	Yes	Yes
5% Increments	Yes	Yes	Yes	Yes
25% Increments	Yes	Yes	Yes	Yes

# Device Management Compatibility (A4 Monochrome)

	DX-B351PL/B352P	MX-B427W	MX-B427PW	MX-B467F	MX-B467P	MX-B557P/B707P	MX-B376WH/B476WH	MX-B557F
<b>GENERAL MFP FEATURES/FUNCTIONS</b>								
Speed	35 ppm	42 ppm	42 ppm	46 ppm	46 ppm	55/70 ppm	37/47 ppm	55 ppm
Sharp Administration Utility								
Printer Status Monitor	-	-	-	-	-	-	Yes	-
Sharp MFP Device Webpage (when DSK is installed, some user features are restricted)								
Device Status	-	DSK not avail.	DSK not avail.	DSK not avail.	DSK not avail.	DSK not avail.	Yes	DSK not avail.
SSL Secured Device Home Page Access	-	DSK not avail.	DSK not avail.	DSK not avail.	DSK not avail.	DSK not avail.	Yes	DSK not avail.
User Address Book (Local)	-	DSK not avail.	DSK not avail.	DSK not avail.	DSK not avail.	DSK not avail.	Yes	DSK not avail.
User Address Book (Global)	-	DSK not avail.	DSK not avail.	DSK not avail.	DSK not avail.	DSK not avail.	Yes	DSK not avail.
User Features								
Address Book Access	-	Yes	-	Yes	-	-	Yes	Yes
User Folder Setups (Document Filing)	-	Yes	-	Yes (via eSF app)	-	-	Yes	Yes (via eSF app)
Scan Destinations	-	Yes	-	Yes	-	-	Yes	Yes
Paper Tray Settings	-	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Administrator Features								
Password Protected Access	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Add Users	-	Yes	Yes	Yes	Yes	Yes	Yes	Yes
User Role (Admin, Users, etc.)	-	Yes	Yes	Yes	Yes	Yes	Yes	Yes
User/Group Access Control, Page Limit and Permissions	-	-	-	Yes	Yes	Yes	Yes	Yes
System, Network, Security, Application Energy Configuration	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Email Notification Setting	-	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Favorite Group Custom Setting	-	Yes	Yes	Yes	-	Yes	Yes	Yes
Energy/Toner Saving Mode	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
MFP Home Screen Customization	-	-	-	-	-	-	Yes	-
USB Device Support	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Job Log	-	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Audit/Event Log	-	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Operation Manual Download	-	Yes	Yes	Yes	Yes	Yes	Yes	Yes

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# Device Management Compatibility (A4 Monochrome) *continued*

	DX-B351PL/B352P	MX-B427W	MX-B427PW	MX-B467F	MX-B467P	MX-B557P/B707P	MX-B376WH/B476WH	MX-B557F
<b>Sharp Remote Device Manager (SRDM)</b>								
Device Web Page Access	-	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Print Driver Distribution (Preconfigured)	-	-	-	-	-	-	Yes	-
Device Discovery	Yes	Yes						
SNMP v3	-	-	-	-	-	-	Yes	-
Device Status	Yes	Yes						
Meter Counts	Yes	Yes						
Device Information Including Serial Number, Device Name, MAC address, etc.	Yes	Yes						
Email Alert For Status Changes, Errors, Warnings and Maintenance Conditions	-	Select Features	Yes	Select Features				
Power Management	-	-	-	-	-	-	Yes	-
Security Policy Management	-	-	-	-	-	-	Yes	-
Remote Operation Panel (in Simulation Mode)	-	Yes (not SRDM)	Yes	Yes (not SRDM)				
Service Logs (22-6, 23-2)	-	Yes (not SRDM)	Yes	Yes (not SRDM)				
Remote SIM Access	-	-	-	-	-	-	Yes	-
Firmware Version	-	Yes (not SRDM)	Yes	Yes (not SRDM)				
Remote Firmware Updates (Scheduled)	-	Yes (not SRDM)	Yes	Yes (not SRDM)				
Storage Backup (Address Book, User List, etc. Scheduled/On Demand)	-	-	-	-	-	-	Yes	-
Device Cloning	-	-	-	-	-	-	Yes	-
<b>Toner Level Reporting</b>								
1% Increments	-	Yes	Yes	Yes	Yes	Yes	Yes	Yes
5% Increments	-	Yes	Yes	Yes	Yes	Yes	Yes	Yes
25% Increments	-	Yes	Yes	Yes	Yes	Yes	Yes	Yes

# Device Management Compatibility (A3 Color)

	BP-50C26/50C31/ 50C36/50C45/50C55/50C65	BP-70C31/70C36/ 70C45/70C55/70C65	MX-7081/8081 (without Fiery option)	MX-7090N/8090N (without Fiery option)
<b>GENERAL MFP FEATURES/FUNCTIONS</b>				
Speed	26/31/36/45/55/65 ppm	31/36/45/55/65 ppm	70/80 ppm	70/80 ppm
Sharp Administration Utility				
Printer Status Monitor	Yes	Yes	Yes	Yes
Sharp MFP Device Webpage (when DSK is installed, some user features are restricted)				
Device Status	Yes	Yes	Yes	Yes
SSL Secured Device Home Page Access	Yes	Yes	Yes	Yes
User Address Book (Local)	Yes	Yes	Yes	Yes
User Address Book (Global)	Yes	Yes	Yes	Yes
User Features				
Address Book Access	Yes	Yes	Yes	Yes
User Folder Setups (Document Filing)	Yes	Yes	Yes	Yes
Scan Destinations	Yes	Yes	Yes	Yes
Paper Tray Settings	Yes	Yes	Yes	Yes
Administrator Features				
Password Protected Access	Yes	Yes	Yes	Yes
Add Users	Yes	Yes	Yes	Yes
User Role (Admin, Users, etc.)	Yes	Yes	Yes	Yes
User/Group Access Control, Page Limit and Permissions	Yes	Yes	Yes	Yes
System, Network, Security, Application Energy Configuration	Yes	Yes	Yes	Yes
Email Notification Setting	Yes	Yes	Yes	Yes
Favorite Group Custom Setting	Yes	Yes	Yes	Yes
Energy/Toner Saving Mode	Yes	Yes	Yes	Yes
MFP Home Screen Customization	Yes	Yes	Yes	Yes
USB Device Support	Yes	Yes	Yes	Yes
Job Log	Yes	Yes	Yes	Yes
Audit/Event Log	Yes	Yes	Yes	Yes
Operation Manual Download	Yes	Yes	Yes	Yes

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# Device Management Compatibility (A3 Color) *continued*

	BP-50C26/50C31/ 50C36/50C45/50C55/50C65	BP-70C31/70C36/ 70C45/70C55/70C65	MX-7081/8081 (without Fiery option)	MX-7090N/8090N (without Fiery option)
<b>Sharp Remote Device Manager (SRDM)</b>				
Device Web Page Access	Yes	Yes	Yes	Yes
Print Driver Distribution (Preconfigured)	Yes	Yes	Yes	Yes
Device Discovery	Yes	Yes	Yes	Yes
SNMP v3	Yes	Yes	Yes	Yes
Device Status	Yes	Yes	Yes	Yes
Meter Counts	Yes	Yes	Yes	Yes
Device Information Including Serial Number, Device Name, MAC address, etc.	Yes	Yes	Yes	Yes
Email Alert For Status Changes, Errors, Warnings and Maintenance Conditions	Yes	Yes	Yes	Yes
Power Management	Yes	Yes	Yes	Yes
Security Policy Management	Yes	Yes	Yes	Yes
Remote Operation Panel (in Simulation Mode)	Yes	Yes	Yes	Yes
Service Logs (22-6, 23-2)	Yes	Yes	Yes	Yes
Remote SIM Access	Yes	Yes	Yes	Yes
Firmware Version	Yes	Yes	Yes	Yes
Remote Firmware Updates (Scheduled)	Yes	Yes	Yes	Yes
Storage Backup (Address Book, User List, etc. Scheduled/On Demand)	Yes	Yes	Yes	Yes
Device Cloning (Scheduled/On Demand)	Yes	Yes	Yes	Yes
<b>Toner Level Reporting</b>				
1% Increments	Yes	Yes	Yes	Yes
5% Increments	Yes	Yes	Yes	Yes
25% Increments	Yes	Yes	Yes	Yes

# Device Management Compatibility (A4 Color)

	MX-C303WH/C304WH	MX-C357F	MX-C407F/C507F	MX-C407P	MX-C507P	MX-C607P
<b>GENERAL MFP FEATURES/FUNCTIONS</b>						
Speed	30 ppm	35 ppm	40/50 ppm	40 ppm	50 ppm	60 ppm
Sharp Administration Utility						
Printer Status Monitor	Yes	-	-	-	-	-
Sharp MFP Device Webpage (when DSK is installed, some user features are restricted)						
Device Status	Yes	DSK not avail	DSK not avail	DSK not avail	DSK not avail	DSK not avail
SSL Secured Device Home Page Access	Yes	DSK not avail	DSK not avail	DSK not avail	DSK not avail	DSK not avail
User Address Book (Local)	Yes	DSK not avail	DSK not avail	DSK not avail	DSK not avail	DSK not avail
User Address Book (Global)	Yes	DSK not avail	DSK not avail	DSK not avail	DSK not avail	DSK not avail
User Features						
Address Book Access	Yes	Yes	Yes	-	-	-
User Folder Setups (Document Filing)	Yes	Yes (via eSF app)	Yes (via eSF app)	-	-	-
Scan Destinations	Yes	Yes	Yes	-	-	-
Paper Tray Settings	Yes	Yes	Yes	Yes	Yes	Yes
Administrator Features						
Password Protected Access	Yes	Yes	Yes	Yes	Yes	Yes
Add Users	Yes	Yes	Yes	Yes	Yes	Yes
User Role (Admin, Users, etc.)	Yes	Yes	Yes	Yes	Yes	Yes
User/Group Access Control, Page Limit and Permissions	Yes	Yes	Yes	Yes	Yes	Yes
System, Network, Security, Application Energy Configuration	Yes	Yes	Yes	Yes	Yes	Yes
Email Notification Setting	Yes	Yes	Yes	Yes	Yes	Yes
Favorite Group Custom Setting	Yes	Yes	Yes	Yes	Yes	Yes
Energy/Toner Saving Mode	Yes	Yes	Yes	Yes	Yes	Yes
MFP Home Screen Customization	Yes	-	-	-	-	-
USB Device Support	Yes	Yes	Yes	Yes	Yes	Yes
Job Log	Yes	Yes	Yes	Yes	Yes	Yes
Audit/Event Log	Yes	Yes	Yes	Yes	Yes	Yes
Operation Manual Download	Yes	Yes	Yes	Yes	Yes	Yes

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# Device Management Compatibility (A4 Color) *continued*

	MX-C303WH/C304WH	MX-C357F	MX-C407F/C507F	MX-C407P	MX-C507P	MX-C607P
<b>Sharp Remote Device Manager (SRDM)</b>						
Device Web Page Access	Yes	Yes	Yes	Yes	Yes	Yes
Print Driver Distribution (Preconfigured)	Yes	-	-	-	-	-
Device Discovery	Yes	Yes	Yes	Yes	Yes	Yes
SNMP v3	Yes	-	-	-	-	-
Device Status	Yes	Yes	Yes	Yes	Yes	Yes
Meter Counts	Yes	Yes	Yes	Yes	Yes	Yes
Device Information Including Serial Number, Device Name, MAC address, etc.	Yes	Yes	Yes	Yes	Yes	Yes
Email Alert For Status Changes, Errors, Warnings and Maintenance Conditions	Yes	Select features				
Power Management	Yes	-	-	-	-	-
Security Policy Management	Yes	-	-	-	-	-
Remote Operation Panel (in Simulation Mode)	Yes	Yes (not SRDM)				
Service Logs (22-6, 23-2)	Yes	Yes (not SRDM)				
Remote SIM Access	Yes	-	-	-	-	-
Firmware Version	Yes	Yes (not SRDM)				
Remote Firmware Updates (Scheduled)	Yes	Yes (not SRDM)				
Storage Backup (Address Book, User List, etc. Scheduled/On Demand)	Yes	-	-	-	-	-
Device Cloning	Yes	-	-	-	-	-
<b>Toner Level Reporting</b>						
1% Increments	Yes	Yes	Yes	Yes	Yes	Yes
5% Increments	Yes	Yes	Yes	Yes	Yes	Yes
25% Increments	Yes	Yes	Yes	Yes	Yes	Yes

# Sharp Security Suite Compatibility (Monochrome)

	MX-B376WH/B476WH	BP-50M26/50M31/ 50M36/50M45/50M55/50M65	BP-70M31/70M36/ 70M45/70M55/70M65	BP-70M75/70M90	MX-M1056/M1206
<b>GENERAL MFP FEATURES/FUNCTIONS</b>					
Speed	37/47 ppm	26/31/36/45/55/65 ppm	31/36/45/55/65 ppm	75/90 ppm	105/120 ppm
Hard Disk Drive/Solid State Drive	Std HDD (500 GB)	Std SSD (128 GB)	Std SSD (256 GB)	Std SSD (256 GB)	Std HDD (1 TB)
<b>Data Security Kit (DSK) &amp; Common Criteria Certification</b>					
Data Security Kit (optional)	MX-FR63U	BP-FR12UL	BP-FR12UL	BP-FR12UL	MX-FR66U
Common Criteria Certification (HCD PP v1.0)	-	Yes	Yes	Yes	-
<b>Data and Information Security</b>					
Data Overwrite (Auto)	Up to 10 times	Std	Std	Std	Up to 10 times
Data Overwrite (Manual)	Yes	Yes	Yes	Yes	Yes
Data Overwrite At Power-up	Yes	Yes	Yes	Yes	Yes
Custom Overwrite Pattern	User settable, DoD5220.22-M preset	-	-	-	User settable, DoD5220.22-M preset
256-bit Data Encryption	Std	Std	Std	Std	Std
End-of-Lease Data Erase	Std	Std	Std	Std	Std
Trusted Platform Module (TPM)	Yes	Std	Std	Std	Yes
BIOS Integrity Check at Startup	-	Std	Std	Std	-
Intrusion Detection	-	Std	Std	Std	-
Application Whitelisting	Std	Std	Std	Std	Std
Firmware Attack Prevention & Self Recovery	Std	Std	Std	Std	Std
Virus Detection Kit option (powered by Bitdefender)	-	Yes	Yes	Yes	-
<b>Access Control Security</b>					
User Authentication (Local Address Book)	Std	Std	Std	Std	Std
User Authentication (LDAP)	Std	Std	Std	Std	Std
User Authentication (Active Directory)	Std	Std	Std	Std	Std
Group Authorization	Std	Std	Std	Std	Std
Page Limit Control	Std	Std	Std	Std	Std
Password Protected Access To Device Web Page	Std	Std	Std	Std	Std
Restrict List Printing	Yes	Yes	Yes	Yes	Yes
Scan To Home Directory	Std	Std	Std	Std	Std
Scan Only To Logged-in User's Email	Std	Std	Std	Std	Std
Disable Destination Method Selection	Std	Std	Std	Std	Std
Disable Address Book Registration	Std	Std	Std	Std	Std
Receipt Rejection From Specified User(s)	Std	Std	Std	Std	Std
Lock Users After 3 Tries	Std	Std	Std	Std	Std
USB Card Reader Support	Std	Std	Std	Std	Std

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# Sharp Security Suite Compatibility (Monochrome) *continued*

	MX-B376WH/B476WH	BP-50M26/50M31/ 50M36/50M45/50M55/50M65	BP-70M31/70M36/ 70M45/70M55/70M65	BP-70M75/70M90	MX-M1056/M1206
<b>Network Security</b>					
Active Directory (AD) Integration	Std	Std	Std	Std	Std
TLS Encryption	Std (v.1.2)	Std (v.1.3)	Std (v.1.3)	Std (v.1.3)	Std (v.1.2)
2048 Certificate	Std	Std	Std	Std	Yes
Security AD Policy	Yes	Yes	Yes	Yes	Yes
SNMP v3 Support	Std	Std	Std	Std	Std
SNMP Community String Support	Std	Std	Std	Std	Std
Kerberos	Std	Std	Std	Std	Std
IPv6 and IPsec	Std	Std	Std	Std	Std
Device Certificates	Std	Std	Std	Std	Std
IP Address Filtering	Std	Std	Std	Std	Std
MAC Address Filtering	Std	Std	Std	Std	Std
Port Control (Disable/Enable Ports)	Std	Std	Std	Std	Std
CSRF Measure	Std	Std	Std	Std	Std
Admin Password Protection*	Std	Std	Std	Std	Std
IEEE 802.1X	Std	Std	Std	Std	Std
SHA-2	Std	Std	Std	Std	Std
S/MIME	Std	Std	Std	Std	Std
<b>Fax Security (Fax Option May Be Required)</b>					
Separation Between Fax and Network	Std	Std	Std	Std	Std
Confidential Fax	Std	Std	Std	Std	Std
Filter Junk Fax	Std	Std	Std	Std	Std
<b>Document Security</b>					
Job Status Display Only Logged-in User	Std	Std	Std	Std	Std
Secure Pull Print FTP/SMB	Std	Std	Std	Std	Std
Secure Print Release With a PIN Number	Std	Std	Std	Std	Std
Serverless Print Release	Std	Std	Std	Std	Std
Encrypted PDF Transmission	Std	Std	Std	Std	Std
Encrypted PDF Direct Printing	Std	Std	Std	Std	Std
Hidden Security Pattern Print	Yes	Yes	Yes	Yes	Yes
Hidden Security Pattern Detection	Yes	Yes	Yes	Yes	Yes
<b>Audit Trail and Other Security</b>					
Job Log and Usage Tracking	Std	Std	Std	Std	Std
Admin Audit Tracking (SIEM and Syslog Integration)	Std	Std	Std	Std	Std
Digitally Signed Firmware	Std	Std	Std	Std	Std

\*Admin password can be protected when a Sharp MFP is accessed from FTP, preventing password leakage.

# Sharp Security Suite Compatibility (Color)

	MX-C303WH/C304WH	BP-50C26/50C31/ 50C36/50C45/50C55/50C65	BP-70C31/70C36/ 70C45/70C55/70C65	MX-7081/8081 (without Fiery option)	MX-7090N/8090N (without Fiery option)
<b>GENERAL MFP FEATURES/FUNCTIONS</b>					
Speed	30 ppm	26/31/36/45/55/65 ppm	31/36/45/55/65 ppm	70/80 ppm	70/80 ppm
Hard Disk Drive/Solid State Drive	Std HDD (500 GB)	Std SSD (128 GB)	Std SSD (256 GB)	Std HDD (1 TB)	Std HDD (1 TB)
<b>Data Security Kit (DSK) &amp; Common Criteria Certification</b>					
Data Security Kit (optional)	MX-FR61U	BP-FR12UL	BP-FR12UL	MX-FR55U	MX-FR58U
Common Criteria Certification (HCD PP v1.0)	Pending	Yes	Yes	-	-
<b>Data and Information Security</b>					
Data Overwrite (Auto)	Up to 10 times	Std	Std	Up to 10 times	Up to 10 times
Data Overwrite (Manual)	Yes	Yes	Yes	Yes	Yes
Data Overwrite At Power-up	Yes	Yes	Yes	Yes	Yes
Custom Overwrite Pattern	User settable, DoD5220.22-M preset	-	-	User settable, DoD5220.22-M preset	User settable, DoD5220.22-M preset
256-bit Data Encryption	Std	Std	Std	Std	Std
End-of-Lease Data Erase	Std	Std	Std	Std	Std
Trusted Platform Module (TPM)	Yes	Std	Std	Yes	Yes
BIOS Integrity Check at Startup	-	Std	Std	-	-
Intrusion Detection	-	Std	Std	Std	-
Application Whitelisting	Std	Std	Std	Std	-
Firmware Attack Prevention & Self Recovery	Std	Std	Std	Std	-
Virus Detection Kit option (powered by Bitdefender)	-	Yes	Yes	-	-
<b>Access Control Security</b>					
User Authentication (Local Address Book)	Std	Std	Std	Std	Std
User Authentication (LDAP)	Std	Std	Std	Std	Std
User Authentication (Active Directory)	Std	Std	Std	Std	Std
Group Authorization	Std	Std	Std	Std	Std
Page Limit Control	Std	Std	Std	Std	Std
Password Protected Access To Device Web Page	Std	Std	Std	Std	Std
Restrict List Printing	Yes	Yes	Yes	Yes	Yes
Scan To Home Directory	Std	Std	Std	Std	Std
Scan Only To Logged-in User's Email	Std	Std	Std	Std	Std
Disable Destination Method Selection	Std	Std	Std	Std	Std
Disable Address Book Registration	Std	Std	Std	Std	Std
Receipt Rejection From Specified User(s)	Std	Std	Std	Std	Std
Lock Users After 3 Tries	Std	Std	Std	Std	Std
USB Card Reader Support	Std	Std	Std	Std	Std

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# Sharp Security Suite Compatibility (Color) *continued*

	MX-C303WH/C304WH	BP-50C26/50C31/ 50C36/50C45/50C55/50C65	BP-70C31/70C36/ 70C45/70C55/70C65	MX-7081/8081 (without Fiery option)	MX-7090N/8090N (without Fiery option)
<b>Network Security</b>					
Active Directory Integration	Std Group Policy	Std Group Policy	Std Group Policy	Std	Std
TLS Encryption	Std	Std	Std	Std	Std
2048 Certificate	Std	Std	Std	Std	Std
Security AD Policy	Yes	Yes	Yes	Yes	-
SNMP v3 Support	Std	Std	Std	Std	Std
SNMP Community String Support	Std	Std	Std	Std	Std
Kerberos	Std	Std	Std	Std	Std
IPv6 and IPsec	Std	Std	Std	Std	Std
Device Certificates	Std	Std	Std	Std	Std
IP Address Filtering	Std	Std	Std	Std	Std
MAC Address Filtering	Std	Std	Std	Std	Std
Port Control (Disable/Enable Ports)	Std	Std	Std	Std	Std
CSRF Measure	Std	Std	Std	Std	Std
Admin Password Protection*	Std	Std	Std	Std	Std
IEEE 802.1X Support	Std	Std	Std	Std	Std
SHA-2	Std	Std	Std	Std	Std
S/MIME	Std	Std	Std	Std	Std
<b>Fax Security (Fax Option May Be Required)</b>					
Separation Between Fax and Network	Std	Std	Std	Std	Std
Confidential Fax	Std	Std	Std	Std	Std
Filter Junk Fax	Std	Std	Std	Std	Std
<b>Document Security</b>					
Job Status Display Only Logged-in User	Std	Std	Std	Std	Std
Secure Pull Print FTP/SMB	Std	Std	Std	Std	Std
Secure Print Release With a PIN Number	Std	Std	Std	Std	Std
Serverless Print Release	Std	Std	Std	Std	Std
Encrypted PDF Transmission	Std	Std	Std	Std	Std
Encrypted PDF Direct Printing	Std	Std	Std	Std	Std
Hidden Security Pattern Print	Yes	Yes	Yes	Yes	Yes
Hidden Security Pattern Detection	Yes	Yes	Yes	Yes	Yes
<b>Audit Trail and Other Security</b>					
Job Log and Usage Tracking	Std	Std	Std	Std	Std
Admin Audit Tracking (SIEM and Syslog Integration)	Std	Std	Std	Std	Std
Digitally Signed Firmware	Std	Std	Std	Yes	Yes

\*Admin password can be protected when a Sharp MFP is accessed from FTP, preventing password leakage. \*\* Only supports the file without a password.

# Sharp Security Suite Compatibility

	MX-B427PW	MX-B427W	MX-B467P	MX-B467F	MX-B557P/ B707P	MX-B557F	MX-C357F	MX-C407F	MX-C507F	MX-C407P	MX-C507P	MX-C607P
<b>GENERAL MFP FEATURES/FUNCTIONS</b>												
Speed	42 ppm	42 ppm	46 ppm	46 ppm	55/70 ppm	55 ppm	35 ppm	40 ppm	50 ppm	40 ppm	50 ppm	60 ppm
Hard Disk Drive (HDD)	-	-	-	500 GB (option)	500 GB (option)	500 GB (Std)	500 GB (option)	500 GB (option)	500 GB (Std)	500 GB (option)	500 GB (option)	500 GB (option)
<b>Data Security Kit (DSK) &amp; Common Criteria Certification</b>												
Data Security Kit (optional)	-	-	-	-	-	-	-	-	-	-	-	-
Common Criteria Certification	-	-	-	-	-	-	-	-	-	-	-	-
<b>Data and Information Security</b>												
Data Overwrite (Auto)	Yes (DRAM only)	Yes (DRAM only)	Yes (DRAM only)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Data Overwrite (Manual)	Yes (NVRAM only)	Yes (NVRAM only)	Yes (NVRAM only)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Data Overwrite (Scheduled)	-	-	-	-	-	-	-	-	-	-	-	-
Data Overwrite (1, 3 or 7 times)	-	-	-	Yes (with opt. HDD)	Yes (with opt. HDD)	Yes	Yes (with opt. HDD)	Yes (with opt. HDD)	Yes	Yes (with opt. HDD)	Yes (with opt. HDD)	Yes (with opt. HDD)
Custom Overwrite Pattern (complies with DoD)	-	-	-	Yes (with opt. HDD)	Yes (with opt. HDD)	Yes	Yes (with opt. HDD)	Yes (with opt. HDD)	Yes	Yes (with opt. HDD)	Yes (with opt. HDD)	Yes (with opt. HDD)
256-bit Data Encryption	-	-	-	Yes (with opt. HDD)	Yes (with opt. HDD)	Yes	Yes (with opt. HDD)	Yes (with opt. HDD)	Yes	Yes (with opt. HDD)	Yes (with opt. HDD)	Yes (with opt. HDD)
Out of Service Data Erase (End-of-Lease)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Secure Element Feature (similar to TPM)	-	-	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option
Application Whitelisting	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Secure Boot (similar to Firmware Attack Prevention)	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std
Continuous Integrity Check	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std
<b>Access Control Security</b>												
User Authentication (Local Address Book)	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std
User Authentication (LDAP)	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std
User Authentication (Active Directory)	-	-	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std
Password Protected Access To Device Web Page	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std
Group Authorization	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std
Page Limit Control (with Device Quota app)	-	-	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Restrict Color Printing (Permissions setting)	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std
Restrict List Printing	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std
Scan To Home Directory (with Scan Center app)	-	-	-	Yes	-	Yes	Yes	Yes	-	-	-	-
Scan Only To Logged-in User's Email	-	-	-	Yes	-	Yes	Yes	Yes	-	-	-	-
Disable Destination Method Selection	-	-	-	-	-	-	-	-	-	-	-	-
Disable Address Book Registration	-	-	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
User Lock Out After Failed Login Attempts (panel)	1-10 attempts	1-10 attempts	1-10 attempts	1-10 attempts	1-10 attempts	1-10 attempts	1-10 attempts	1-10 attempts	1-10 attempts	1-10 attempts	1-10 attempts	1-10 attempts
User Lock Out Time (panel)	1-60 minutes	1-60 minutes	1-60 minutes	1-60 minutes	1-60 minutes	1-60 minutes	1-60 minutes	1-60 minutes	1-60 minutes	1-60 minutes	1-60 minutes	1-60 minutes
User Lock Out Time (webpage)	1-60 minutes	1-60 minutes	1-60 minutes	1-60 minutes	1-60 minutes	1-60 minutes	1-60 minutes	1-60 minutes	1-60 minutes	1-60 minutes	1-60 minutes	1-60 minutes

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# Sharp Security Suite Compatibility *continued*

	MX-B427PW	MX-B427W	MX-B467P	MX-B467F	MX-B557P/ B707P	MX-B557F	MX-C357F	MX-C407F	MX-C507F	MX-C407P	MX-C507P	MX-C607P
<b>Network Security</b>												
Active Directory Integration	As a printer	As a printer	As a printer	As a printer	As a printer	As a printer	As a printer	As a printer				
TLS Encryption	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std
2048-bit Certificate	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std
Security Policy Management	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std
SNMP v3 Support	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std
SNMP Community String Support	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std
Kerberos	-	-	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std
Secure SMTP server (HTTPS)	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std
IPv6 and IPsec	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std
Device Certificates	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std
Configurable CA Certificate	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std
IP Address Filtering	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std
MAC Address Filtering	-	-	-	-	-	-	-	-	-	-	-	-
Port Control (Disable/Enable Ports)	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std
CSRF (Cross Site Request Forgery) Counter Measure	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std
Admin Password Protection	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std
IEEE 802.1X	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std
SHA-2 Secure Hash Algorithm	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std
S/MIME Public Key Encryption	-	-	-	-	-	-	-	-	-	-	-	-
<b>Fax Security (Fax Option May be Required)</b>												
Separation Between Fax and Network	Std	-	-	Std	-	Std	Std	Std	Std	-	-	-
Confidential Fax/Filter Junk Fax	Std	-	-	Std	-	Std	Std	Std	Std	-	-	-
<b>Document Security</b>												
Job Status Display Only Logged-in User	-	-	-	-	-	-	-	-	-	-	-	-
Secure Pull Print FTP/SMB	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std
Secure Print Release With a PIN Number	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std
Serverless Print Release	-	-	-	-	-	-	-	-	-	-	-	-
Encrypted PDF Transmission	-	-	-	-	-	-	-	-	-	-	-	-
Encrypted PDF Direct Printing	-	-	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Hidden Security Pattern Print	-	-	-	-	-	-	-	-	-	-	-	-
Hidden Security Pattern Detection	-	-	-	-	-	-	-	-	-	-	-	-
<b>Audit Trail and Other Security</b>												
Job Log and Usage Tracking	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std
Admin Audit Tracking (SIEM and Syslog Integration)	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std
Configurable Device Identify Certificate	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std
Digitally Signed Firmware	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std
Restrict Firmware Update on device	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std
Disable physical ports (USB, parallel, etc.)	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std

Items indicated with "Yes" in the table above may require additional options or software downloads.

# Sharp OSA Technology and Application Compatibility (Monochrome)

	MX-B376WH/B476WH	BP-50M26/50M31/ 50M36/50M45/50M55/50M65	BP-70M31/70M36/ 70M45/70M55/70M65	BP-70M75/70M90	MX-M1056/M1206 (without Fiery option)
<b>GENERAL MFP FEATURES/FUNCTIONS</b>					
Speed (PPM)	37/47 ppm	26/31/36/45/55/65 ppm	31/36/45/55/65 ppm	75/90 ppm	105/120 ppm
LCD Display - Color Touchscreen	7.0"	10.1"	10.1"	10.1"	15.4"
Screen Formats	Wide SVGA	Wide SVGA	Wide SVGA	Wide SVGA	Wide XGA
Latest Sharp OSA Platform Version	V5.5	V6	V6	V6	V5.5
<b>SHARP OSA TECHNOLOGY SUPPORT</b>					
General Features for Sharp OSA Applications					
Custom User Interface - HTML Browser	Yes	-	-	-	Yes
Custom User Interface - HTML 5 Browser (N2.0)	Yes	-	-	-	Yes
Custom User Interface - HTML 5 Browser (BE)	-	Yes	Yes	Yes	-
Sharp OSA Trial Mode (Scan)	Yes	Yes	Yes	Yes	Yes
Extended SDK (ACM)/(EAM)	Yes	Yes	Yes	Yes	Yes
Embedded Sharp OSA Platform	Yes	Yes	Yes	Yes	Yes
EA Single Sign-on To ACM Applications	Yes	Yes	Yes	Yes	Yes
EA Single Sign-on To MFP	Yes	Yes	Yes	Yes	-
Application Communication Module (ACM) MX-AMX2L/BP-AM10L	Standard	Option	Standard	Standard	Standard
Scan API	Yes	Yes	Yes	Yes	Yes
Scan Image Preview	Yes	Yes	Yes	Yes	Yes
Print API	Yes	Yes	Yes	Yes	Yes
Copy API, Fax API, Document Filing API	Yes	Yes	Yes	Yes	Yes
OCR API	Yes	Yes	Yes	Yes	Yes
Access To Microsoft Office File Direct Printing	Yes	Yes	Yes	Yes	Yes
Access To Serverless Print Release	Yes	Yes	Yes	Yes	Yes
Access To Cloud Connect (Google Drive, OneDrive, SharePoint Online)	Yes	Yes	Yes	Yes	Yes
Copy/Fax/Document Filing Image Preview	Yes	Yes	Yes	Yes	Yes
Access Card Support	Yes	Yes	Yes	Yes	Yes
Access To AD Resources	Yes	Yes	Yes	Yes	-
External Account Module (EAM) MX-AMX3L/BP-AM11L	Standard	Option	Standard	Standard	Standard
Authentication	Yes	Yes	Yes	Yes	Yes
Track Total Pages For Copy, Print, Scan and Fax Jobs	Yes	Yes	Yes	Yes	Yes
Track Pages By Page Size and Color For All Jobs	Yes	Yes	Yes	Yes	Yes
Access Control/Limit Number Of Pages Per User	Yes	Yes	Yes	Yes	Yes
Offline Mode	Yes	Yes	Yes	Yes	Yes
Access Card Support	Yes	Yes	Yes	Yes	Yes
Override Login	Yes	Yes	Yes	Yes	Yes
Active Directory Integration (access to AD resource, MFP joins domain)	Yes	Yes	Yes	-	-
<b>APPLICATION COMPATIBILITY</b>					
Synappx Go Free MFP	Yes	Yes	Yes	Yes	Yes
AIP Connect	Yes	Yes	Yes	Yes	Yes
Kayleigh Job Accounting Software	Yes	Yes	Yes	Yes	Yes

# Sharp OSA Technology and Application Compatibility (Color)

	MX-C303WH/C304WH	BP-50C26/50C31/ 50C36/50C45/50C55/50C65	BP-70C31/70C36/ 70C45/70C55/70C65	MX-7081/8081 (without Fiery option)	MX-7090N/8090N (without Fiery option)
<b>GENERAL MFP FEATURES/FUNCTIONS</b>					
Speed	30 ppm	26/31/36/45/55/65 ppm	31/36/45/55/65 ppm	70/80 ppm	70/80 ppm
LCD Display - Color Touchscreen	7.0"	10.1"	10.1"	10.1"	15.4"
Screen Formats	Wide VGA	Wide SVGA	Wide SVGA	Wide SVGA	Wide SVGA
Sharp OSA Platform Version	V5.5 Lite	V6	V6	V5.5	V5.1
<b>SHARP OSA TECHNOLOGY SUPPORT</b>					
General Features for Sharp OSA Applications (ACM or EAM)					
Custom User Interface - HTML Browser	Yes	-	-	Yes	Yes
Custom User Interface - HTML 5 Browser (N2.0)	Yes	-	-	Yes	Yes
Custom User Interface - HTML 5 Browser (BE)	-	Yes	Yes	-	-
Sharp OSA Trial Mode (Scan)	Yes	Yes	Yes	Yes	Yes
Extended SDK (ACM)/(EAM)	Yes	Yes	Yes	Yes	Yes
Embedded Sharp OSA Platform	Yes	Yes	Yes	Yes	Yes
EA Single Sign-on To ACM Applications	Yes	Yes	Yes	Yes	Yes
EA Single Sign-on To MFP	Yes	Yes	Yes	-	Yes
Application Communication Module (ACM) MX-AMX2L/BP-AM10L	MX-C303WH Option, MX-C304WH Standard	Option	Standard	Standard	Standard
Scan API	Yes	Yes	Yes	Yes	Yes
Scan Image Preview	Yes	Yes	Yes	Yes	Yes
Print API	Yes	Yes	Yes	Yes	Yes
Copy API, Fax API, Document Filing API	Yes	Yes	Yes	Yes	Yes
OCR API	Yes	Yes	Yes	Yes	Yes
Access To Microsoft Office File Direct Printing	Yes	Yes	Yes	Yes	Yes
Access To Serverless Print Release	Yes	Yes	Yes	Yes	Yes
Access To Cloud Connect (Google Drive, OneDrive, SharePoint Online)	Yes	Yes	Yes	Yes	Yes
Copy/Fax/Document Filing Image Preview	Yes	Yes	Yes	Yes	Yes
Access Card Support	Yes	Yes	Yes	Yes	Yes
Access To AD Resources	Yes	Yes	Yes	-	Yes
External Account Module (EAM) MX-AMX3L/BP-AM11L	Standard	Option	Standard	Standard	Standard
Authentication	Yes	Yes	Yes	Yes	Yes
Track Total Pages For Copy, Print, Scan and Fax Jobs	Yes	Yes	Yes	Yes	Yes
Track Pages By Page Size and Color For All Jobs	Yes	Yes	Yes	Yes	Yes
Access Control/Limit Number Of Pages Per User	Yes	Yes	Yes	Yes	Yes
Offline Mode	Yes	Yes	Yes	Yes	Yes
Access Card Support	Yes	Yes	Yes	Yes	Yes
Override Login	Yes	Yes	Yes	Yes	Yes
Active Directory Integration (access to AD resource, MFP joins domain)	Yes	Yes	Yes	-	-
<b>APPLICATION COMPATIBILITY</b>					
Synappx Go Free MFP	Yes	Yes	Yes	Yes	Yes
AIP Connect	Yes	Yes	Yes	Yes	Yes
Kayleigh Job Accounting Software	Yes	Yes	Yes	Yes	Yes

# Desktop L-Series Application Compatibility

	MX-B427PW	MX-B467P	MX-B557P/ B707P	MX-B427W	MX-B467F	MX-B557F	MX-C407P	MX-C507P	MX-C607P	MX-C357F	MX-C407F	MX-C507F
<b>NATIVE APPLICATIONS</b>												
Email to Self	-	-	-	Std*** (E-mail Shortcut)	Std	Std	-	-	-	Std	Std	Std
Fax Forward	-	-	-	Std***	Std	Std	-	-	-	Std	Std	Std
Forms & Favorites/Bookmarks	-	-	Std	Std*** (Network/FTP)	Std	Std	Std	Std	Std	Std	Std	Std
<b>Built-in Applications</b>												
AccuRead OCR	-	-	-	-	Opt (HDD)*	Std	-	-	-	Opt (HDD)*	Opt (HDD)*	Std
Card Copy	-	-	-	Std***	Std	Std	-	-	-	Std	Std	Std
Display Customization	-	-	Std	-	Std	Std	Std	Std	Std	Std	Std	Std
Scan Center - Basic	-	-	-	-	Std	Std	-	-	-	Std	Std	Std
Shortcut Center	-	-	-	Std***	Std	Std	-	-	-	Std	Std	Std
Eco Settings	Std	Std	Std	Std***	Std	Std	Std	Std	Std	Std	Std	Std
Customer Support	-	-	Std	-	Std	Std	Std	Std	Std	Std	Std	Std
QR Code Generator	-	-	Std	-	Std	Std	Std	Std	Std	Std	Std	Std
Device Quota	-	-	Opt (HDD)	-	Opt (HDD)	Std	Opt (HDD)	Opt (HDD)	Opt (HDD)	Opt (HDD)	Opt (HDD)	Std
<b>Add-on Applications</b>												
Cloud Connector	-	-	Std	Std***	Std	Std	Std	Std	Std	Std	Std	Std
Scan Center - Premium	-	-	-	-	Opt (HDD)	Std	-	-	-	Opt (HDD)	Opt (HDD)	Std
Bar Code Discovery	-	-	-	-	Opt (HDD)	Std	-	-	-	Opt (HDD)	Opt (HDD)	Std
Scan to SharePoint	-	-	-	-	Std	Std	-	-	-	Std	Std	Std
Accessibility Solution	-	-	Std	-	Std	Std	Std	Std	Std	Std	Std	Std
Solution Composer	-	-	Std**	-	Std**	Std	Std**	Std**	Std**	Std**	Std**	Std
Scan to Hard Disk	-	-	-	-	Opt (HDD)	Std	-	-	-	Opt (HDD)	Opt (HDD)	Std
Card Authentication	-	-	Std	-	Std	Std	Std	Std	Std	Std	Std	Std

\*License fee required. \*\*Some features require HDD depending on workflow. \*\*\* Native device functions on machine, not an application.

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## NOTES AND PROVISIONS

1. The number of connectable mobile devices depends on the host OS and the accompanying Windows End-User License Agreement:  
Windows 7: Max. 20; Windows 8/8.1, Windows 10: Max. 50. OS requirements (as of November 2015): Host: Windows 7, Windows 8/8.1, Windows 10; Client: Windows 7, Windows 8/8.1, Windows 10, OS X v10.7–10.14, Android 4.4 and above, iOS 6.0 - 12 Connecting 26 or more mobile devices requires at least two LAN access points.
2. Kmetz, Keith, “Mobile Devices and Print/Scan/Document Opportunities,” 2015.
3. Available on select MFPs, please refer to the device compatibility page to view supported MFP models.
4. The Cloud Connect feature, scan file conversion to Microsoft Office files and searchable PDFs are available on select MFPs.  
Optional direct print extension kit may be required to print Microsoft Office files. Please refer to the device compatibility page to view supported MFP models.
5. Encryption level and security features vary per model. Please see the Security Compatibility Charts for more details.
6. Some features not available on all models.
7. Data Security Kit (DSK) feature.
8. Please refer to the Sharp OSA compatibility page to view supported MFP models.
9. Visit [sharpusa.com/partners](http://sharpusa.com/partners) for the most recent product version validated and the list of supported MFPs.



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