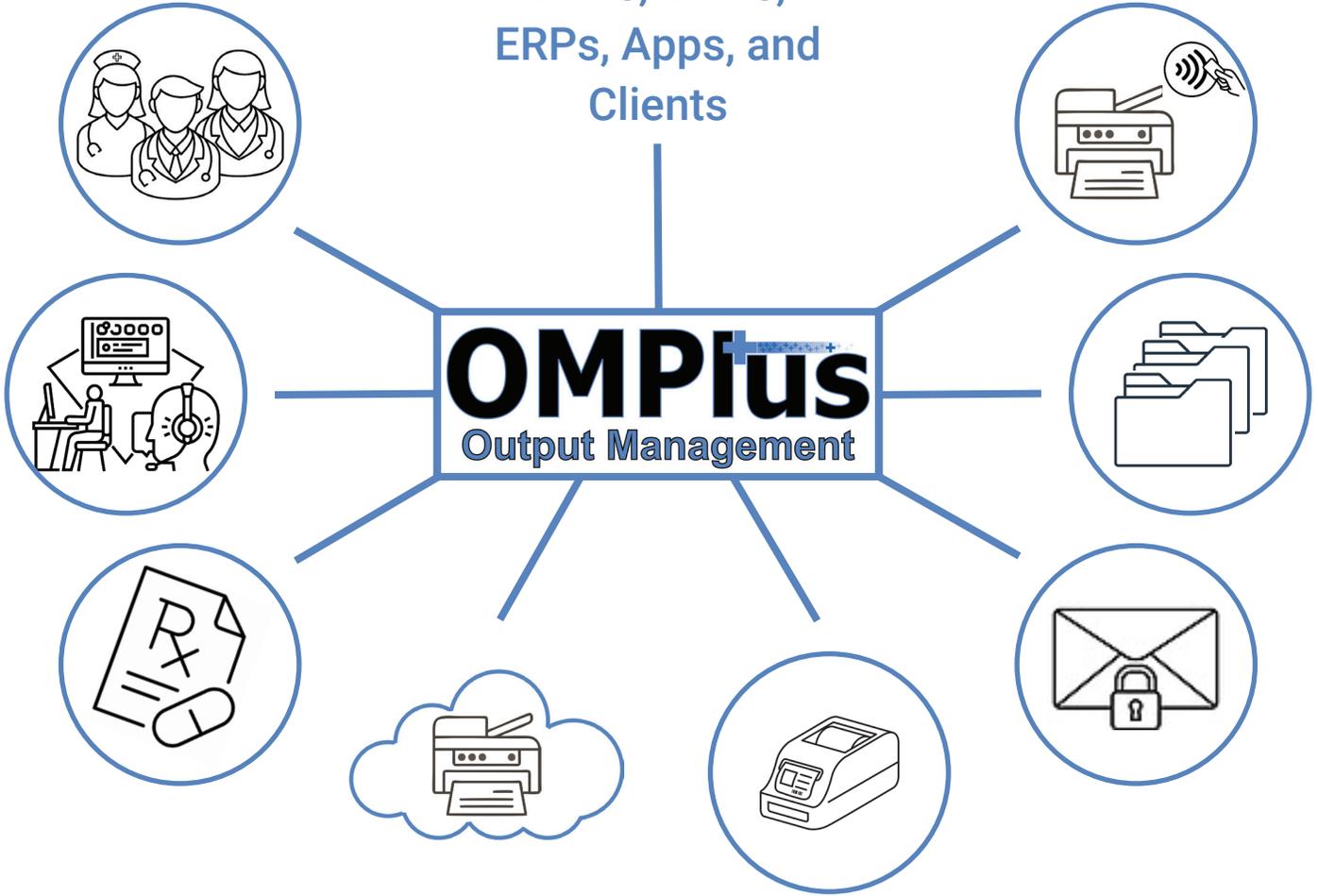




EHRs, EMRs,
ERPs, Apps, and
Clients



Healthcare Solutions

Output Management Software
Improving Print Operation Efficiencies

WWW.PLUSTECHNOLOGIES.COM



Welcome

Introduction

Epic

MEDITECH

Oracle Cerner

Many Others

Plus Technologies was founded in 1994 and has been providing print output management solutions for healthcare and many other markets over that time. We continually work with vendors to keep our solutions compatible with their releases and are always working on ways to enhance our offerings. Printing from EHR, EMR, Enterprise, and desktop applications can be a complex process involving multiple data streams, workflows, servers, operating systems, data transformations, and networks supporting printers at multiple locations. Our solutions provide a single platform for managing print output for the enterprise. They act as a middleware that either replace or enhance disparate native spooling systems that most applications rely on. They provide significantly more functionality that helps improve operation efficiencies, so jobs print when, where, and how they are supposed to. With our secure, manageable, efficient, and reliable solutions, users are freed up to concentrate on their job's so patients get the best care possible.

This brochure contains overviews of our popular enterprise solutions for back-end and front-end print output management for EHR's, EMR's, and many other applications.

Table of Contents

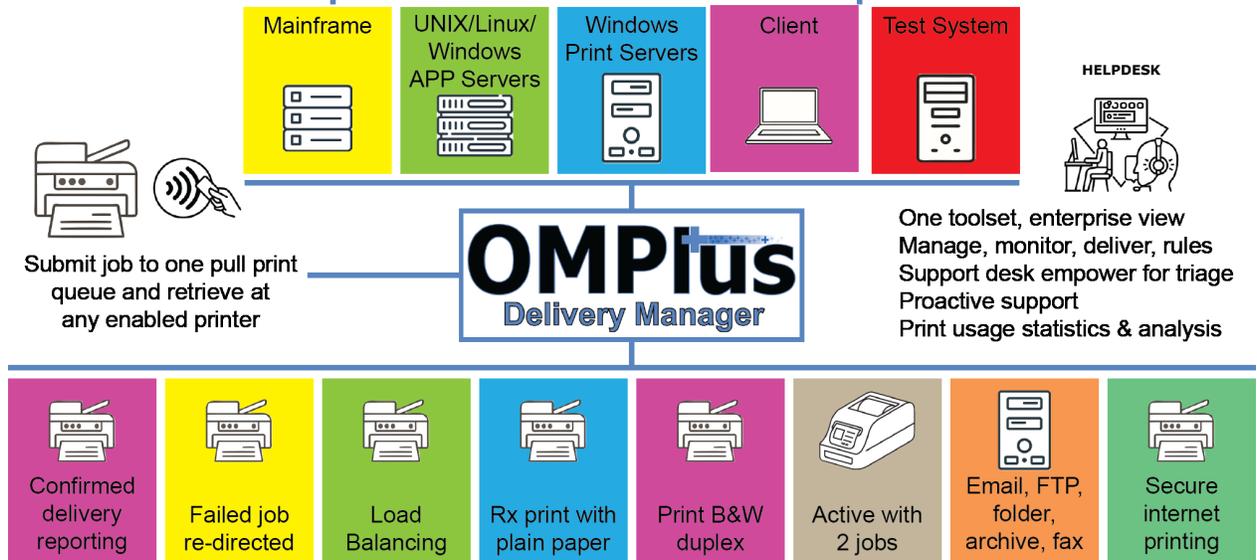
Delivery Manager: Centralized Administration & Advanced Document Delivery	3
Enterprise Print Manager (EPM): Print Queue/Driver Management	4
My-Print-Delivery (MPD): Secure Pull Print Solutions	5
Secure Queue Release (SQR): Queue Based Clinical Pull Print	6
My-Print-Delivery (MPD) Anywhere: View, Email, and/or Print Anywhere	7
Dir2Email: Email Instead of Printing	8
Tamper Resistant Rx Printing: Utilizing Plain Paper	9
i-Sat: Secure Internet Printing: Automatic Off-Network Printing Without VPNs	10
Stats Manager: Print Usage, Analysis, Reporting, and Costing	11
Plus Technologies Summary	12

Centralized Administration & Advanced Document Delivery

Overview

Our solutions are based on our OM Plus Product Suite. ('OM' stands for Output Management). The core of our popular solutions is based on our OM Plus Delivery Manager (DM) software. Modules can be added to the core solution to provide more functionality. OM Plus DM ingests output from many sources and manages, monitors, and delivers it with advanced rules-based routing across complex networks to many different destinations and types while providing a centralized point of administration. Our solutions work with all the major EHR solutions including Epic, (listed in their Connection Hub) MEDITECH, Oracle Cerner, and just about any enterprise and desktop applications that produce print. Our solutions help improve patient care with a more functional and reliable print output infrastructure. This same infrastructure reduces costs by improving operational and workflow efficiencies. It also increases security by protecting sensitive data, reducing exposure to Rx fraud, tracking usage activity, and helping with HIPAA, PHI, CMS compliance, etc.

Sample OM Plus Workflows and Capabilities



Key Features

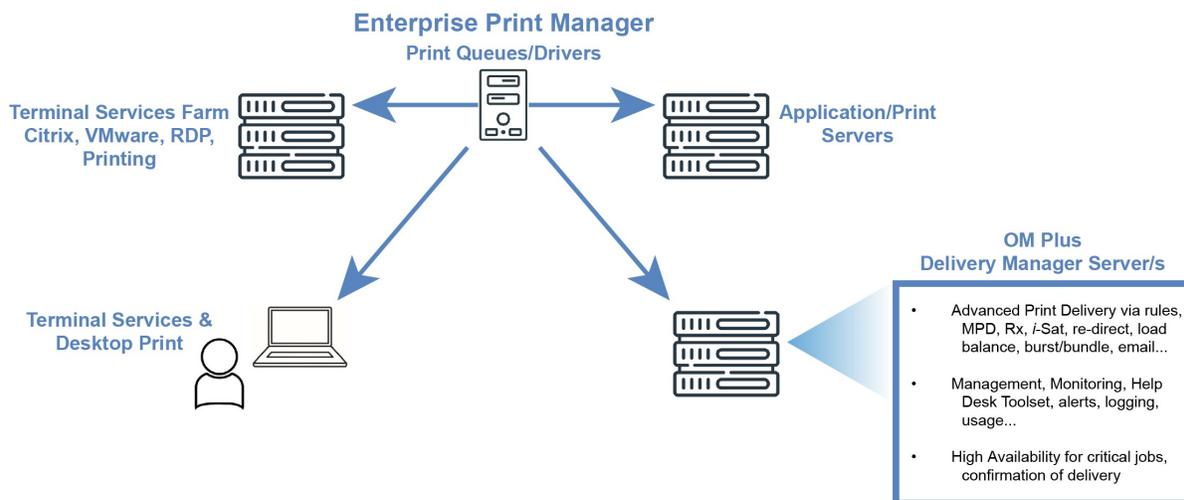
- Seamless EHR, EMR, and ERP integration
- Centralized Administration of enterprise print environment
- Centralized queue creation
- Rules-based routing for back-end and front-end printing
- Advanced troubleshooting toolset
- Proactive alert notifications
- Confirmation of deliver to the output tray
- Re-print, re-direct, re-start
- High availability fail-over, and load balancing
- Supports Optional Modules including: secure pull print, off-network printing, digital viewing/emailing, statistical usage reporting, tamper resistant Rx printing, and customizations.

Benefits

- Improve Patient Care and Satisfaction
- Fewer Print Errors
- Increase IT Productivity
- Increase Security
- Improve Compliance
- Faster Error Resolution
- Reduce Printed Pages
- Reduce Operational Cost

Overview

Enterprise Print Manager streamlines print queue and driver management with a centrally managed toolset that creates and propagates them out to an environment. This eliminates or reduces the number of print servers in the environment. It provides a very simple and efficient way to manage the print environment, ensuring a convenient print experience for all users, while reducing the administrative IT burden and infrastructure costs. Organizations face many challenges when it comes to managing enterprise printing. These include ensuring that users have the appropriate printers and drivers available to do their jobs, troubleshooting issues, and monitoring usage. Enterprise Print Manager is a great solution for meeting these challenges.

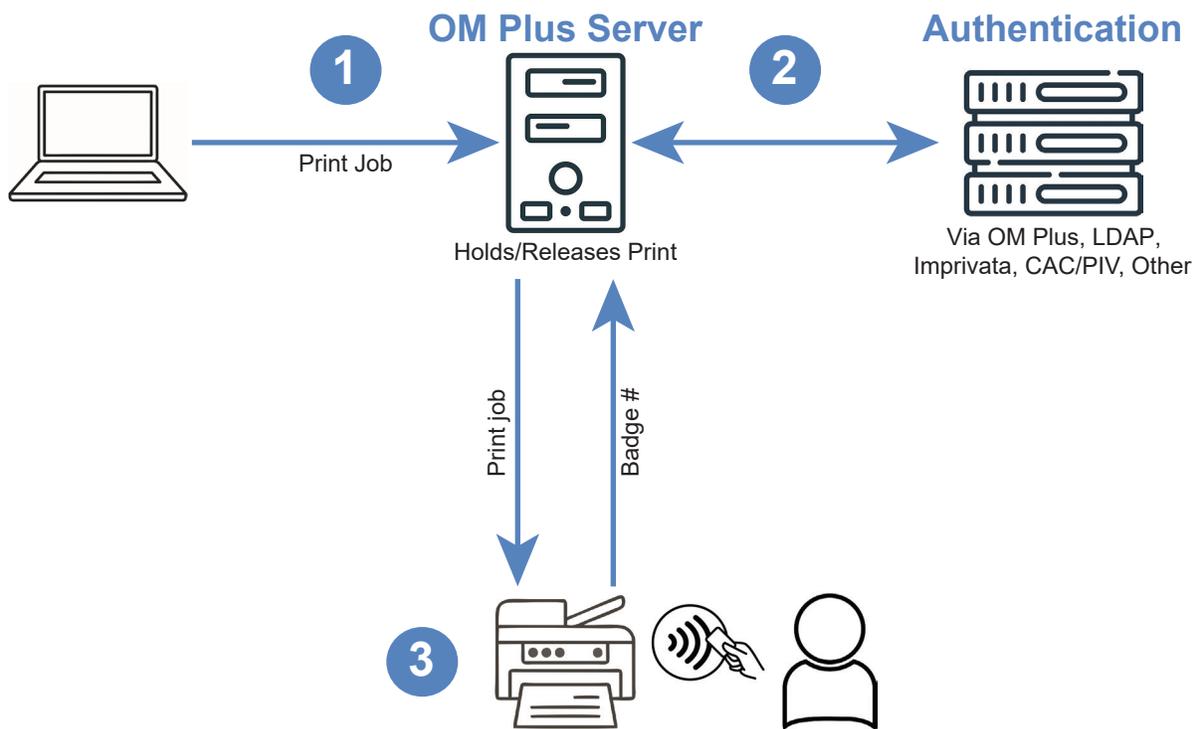


Key Features and Benefits

- **Centralized administration** for creating and propagating print queues and drivers across the enterprise which reduces the cost associated with GPO's, scripts, or setting up printers on individual desktops/servers.
- **Reduce/eliminate print servers** with direct IP print. Reduces administrative and infrastructure costs.
- **Supports legacy print server environments** including Epic EPS, Oracle, SAP, etc., for implementation flexibility.
- **Self-service portal** enables users to select/install pre-approved printers which reduces IT burden.
- **Reduces network traffic** by sending print directly to printers instead of up to print servers and down to printers.
- **Pre-approved driver enforcement** ensures better operations and reduces support tickets.
- **Default B&W and duplex enforcement** reduces consumable expenses.
- **Print usage information** for reporting, analysis, security audits, fleet optimization, and charge backs.
- **Easier to support** with centralized toolset giving visibility into the environment.
- **Easy migration** of existing print queues/drivers for quick implementations.
- **On-premise or cloud capable** to service a variety of environments.
- **Integrates with OM Plus Delivery Manager** for advanced management, monitoring and print delivery capabilities like My-Print-Delivery, Rx print, i-Sat, My-Print-Delivery Anywhere, redirect, reprint, load balance, confirmed delivery, and more.

Overview

OM Plus My-Print-Delivery (MPD) improves printing efficiencies, compliance, and security by holding a user's "print" jobs in the secure OM Plus system until the user walks up to their printer of choice, authenticates, and releases their jobs. Users can identify/authenticate themselves manually or via card swipe. There are several authentication sources supported including: internal OM Plus, Active Directory, Imprivata, CAC, PIV, and others. There are several pull print methods supported which include: Secure User Based Release (individual jobs released by authenticated users), Secure Queue Based Release (jobs delivered to a device and released by any authenticated user), and Secure Express Release (batch release of all jobs for an authenticated user). MPD is printer manufacture agnostic and works with most major brands and in mixed fleet environments.



Key Features

- Supports all popular printer models
- Multiple authentication methods including Imprivata OneSign®
- Queue based release for exam room and delegate release
- Express release for devices without displays
- Print statistics
- User print submittal experience remains the same

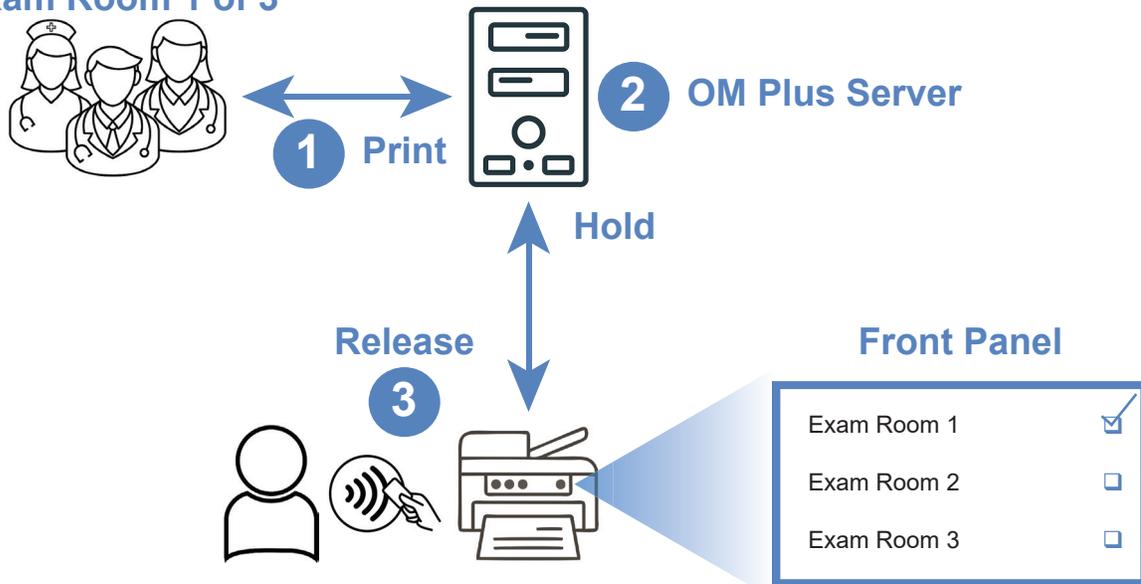
Benefits

- Enhances confidentiality/security
- Improves user print mobility
- Reduces print volume and costs
- No client software install needed

Overview

SQR, a different kind of pull print designed for the clinical environment. Users releasing print jobs “DO NOT” have to be the ones that originally submitted the print jobs. In designated environments, SQR enables users to authenticate with a badge tap, and release other’s or system generated print jobs associated with designated print queues. For example, a doctor and a nurse in ‘Exam Room #1’ have both submitted print jobs for that room while treating a patient. SQR now enables a doctor to stay with a patient while a nurse goes to a designated printer and releases jobs for “Exam Room #1.’ That same printer can service multiple, discreet, exam room print queues. None of the jobs print until a registered user releases them. Say goodbye to the congestion and expense of having printers in every room, or the clutter and sorting through jobs laying around shared printers. SQR is great for other environments as well, like labs, nurse pods, pre-mapped print workflows, print jobs with generic user IDs, etc...

Exam Room 1 of 3



Key Features

- One printer securely services multiple designated print queues
- Multiple users can release jobs associated with a designated print queue
- Print jobs only print when users are at a printer
- Solution can track who released what jobs
- Seamlessly integrates with existing application print queues
- User print submittal experience remains the same
- Overcomes limitations with delegate print release permissions
- Optional authentication via Imprivata OneSign®

Benefits

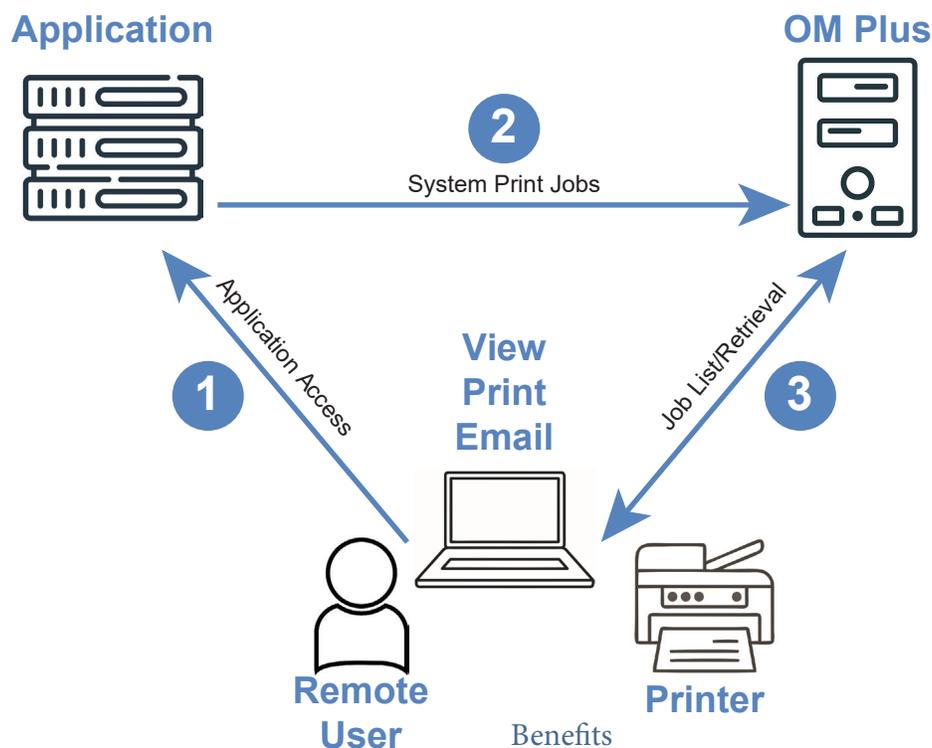
- Fewer printers required to service environment
- Frees up workspace area
- Reduces clutter of jobs laying around printers
- Provides security for pre-mapped print workflows and jobs with generic user IDs
- Increase security/compliance for sensitive documents
- Increase staff efficiency via easier job retrieval

View, Email, and/or Print Anywhere

Overview

My-Print-Delivery Anywhere primarily provides a simple and secure way for off-network users to view, email, and print application based, back-end print jobs. The solution can also be used for Windows front-end print jobs and on-network users. Normally the challenge for off-network, back-end printing is that it goes directly from applications like EHRs, EMRs, ERPs, etc. to printers. Those printers require persistent connections to the applications or print servers, and the print queues must be configured for the specific printers at given locations. This solution utilizes HTTPS for secure communications. The documents are put into a PDF format which enables them to be viewed, emailed, and printed to basically any printer connected to the client.

Uses Include: printing/viewing/emailing pre and post visit patient consent forms, patient rights, self-care instructions, discharge documentation, hospital interaction instruction, reports, quotes, and more.



Key Features

- Utilizes normal Application print submittal experience
- Supports off/on network and back-end/front-end document workflows
- View, email, and print capabilities
- Secure communications/documents
- Very simple intuitive user operation
- Compatible with Citrix, VMware, and VDI architectures
- Compatible with hosted/cloud applications
- Digital process for view/email

Benefits

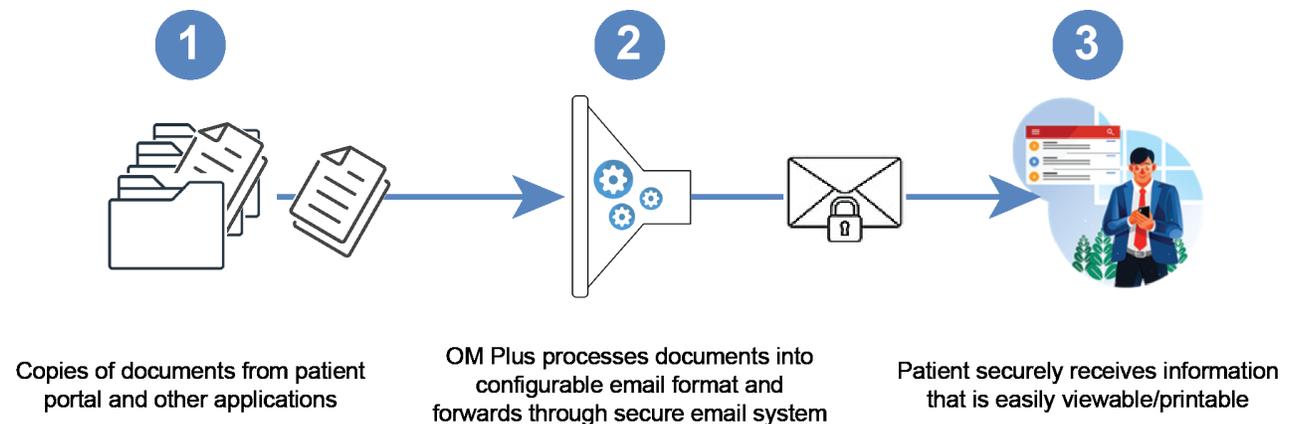
- Easily integrates with existing operations
- Empowers users to do more than just print
- Digital processes reduce associated printing costs
- Simple user setup and easy to use
- Reporting available for client activity
- VDI compatibility provides central management of clients/documents

Email Instead of Printing

Overview

Dir2Email helps healthcare organizations overcome low adoption rates of patients utilizing their digital portals. It automatically and securely emails copies of patient's portal documents to them. The Portal is still available, if necessary, but this digital process is more convenient for the patient and reduces printing. It is an easier and more familiar way for patients to get their information compared to requiring them to remember where to go for their portal, remembering their login credentials, finding/retrieving their documents, etc. Also, without this solution, many patients would ask for their documents to be printed so they could avoid having to go to the portal to get them. This solution reduces that associated printing because they know they can get their documents via email.

Uses include: consent forms, patient rights, discharge documentation, self-care instructions, No Surprise Act services quote, hospital interaction instructions, and more.



Key Features

- Automatically/securely email patient portal documents
- Can utilize organizations existing secure email system
- Secure email process satisfies HIPAA/PHI requirements
- Copies of documents are also maintained in portal
- Familiar, convenient, and easy digital viewing process
- Does not require patient training
- Digital process reduces printing requirements
- Configurable email format 'from', 'subject', 'body', 'attachments'

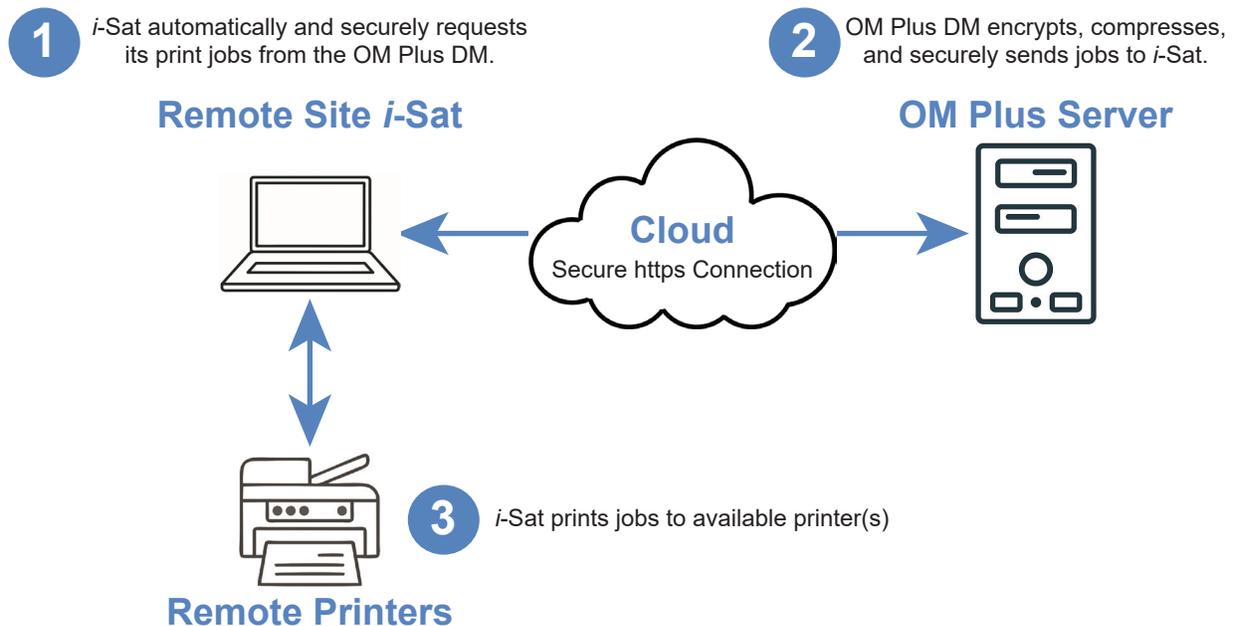
Benefits

- Information readily available via phone/computers
- Easy access to information increases likelihood patients will read information
- Better informed patients recover faster, with fewer return visits
- Healthier and informed patients are happier and give better satisfaction scores
- Reduce print related costs
- Reduce patient portal related support costs

Automatic Off-Network Printing without VPNs

Overview

i-Sat is ideal for organizations that need to automatically print from EHR, ERP, and other back-end applications to off-network sites such as: affiliate organizations, business partners, and satellite/home offices. Typically, off-network users need VPNs to access host systems for this type of printing. VPN access means these users become “virtual members” of the host system. In many cases, these users are not organic company employees, but affiliates or business partners such as clinics or doctor offices. Because of this, organizations may not have control over these end user systems, which leads to security vulnerabilities. VPN connections also consume IT support resources and can be relatively expensive. *i-Sat* overcomes these issues. It utilizes easy plug & play installation, is simple to use and transfers data via secure https communications so your network remains safe, while providing the necessary printing capabilities.



Key Features

- Deployed as software or an appliance
- No technical expertise needed at remote site
- *i-Sat* is pre-configured
- Plug it in and it is operational (Plug & Play)
- Optional local print control software
- Seamless “back-end” printing for ERP, EMR accounting systems
- Data is transmitted securely via https over the internet
- Transmitted data is compressed

Benefits

- No persistent connection required which reduces vulnerabilities
- Reduces network overhead associated with VPNs
- Reduces network bandwidth requirements for print jobs
- Provides print statistics and communication logs
- Reduces cost associated with VPNs and administration
- Easy to install and implement
- Supported on Windows, UNIX, and LINUX

Print Usage, Analysis, Reporting, and Costing

Overview

Stats Manager enables organizations to analyze and understand the who, what, when, and where of printing in their environment. It is a database driven solution that provides reporting and ad hoc query capabilities. Stats Manager provides information useful for insuring HIPAA compliance/auditing and enables organizations to understand how their current environment is being used so it can be optimized as necessary. Costs can be associated with print usage. Reports can also show jobs 'not' printed, to illustrate 'Green' savings. Optionally, the data can be exported to other reporting and analysis software tools for further analysis.



Key Features

- User printing statistics (individual and groups)
- Device based statistics (individual and groups)
- Titles of print jobs
- Document types
- Server that generated job
- Print server that managed job
- Number of pages and/or byte size
- Black/White and color counts
- Successfully printed jobs
- Jobs not printed
- Errors associated with jobs
- Reports and ad hoc query capability

Benefits

- Monitor printer environment usage
- Reduce printing costs
- Enforce user printing behavior
- Audit trail for HIPAA and other compliances
- Optimize equipment allocation
- Print policies
- Ability to make informed decisions



Plus Technologies

Overview

Plus Technologies develops quality software and services for the enterprise print market that helps our customers with:

- Document routing and workflow
- Improving IT and helpdesk productivity
- Lowering printing costs
- Secure pull print solutions
- Increasing print throughput, and scalability
- Print statistics
- Improving compliance/security
- Print avoidance
- High Availability Printing
- EHR/ERP output management
- Document viewing, emailing, and printing
- Consolidate print servers

About Plus Technologies

Plus Technologies, located in Ohio, has been developing enterprise level document and output management software since 1994. Plus Technologies' focus is on improving business processes affected by documents. To date, we have sold OM Plus to thousands of customers in 30 countries, installed OM Plus on tens of thousands of servers, and delivered print to over a million printers.

Plus Technologies serves customers of all sizes as our products, licensing, and pricing are scalable upwards and downwards. We have departmental as well as enterprise-wide output management software implementations. We have successfully sold into many Fortune 500 organizations.

One reason for our success is our willingness to respond quickly to our customers' unique requirements. We work with them to understand their environment and their needs. We mutually come up with an optimal solution. When necessary, we can quickly make enhancements to our products to meet their specific needs. Here at Plus Technologies, we offer pricing and licensing flexibility to suit our customers' budget. We have decades of experience and are experts at implementation services as well as providing world class support. This recipe has served us well over the years and as a result, we have an extremely loyal customer base.

***Epic is a registered trademark of Epic Systems Corporation**

Why Plus Technologies?

- Enterprise print for business is our focus
- Plus Technologies experience
- Product quality and ease of use
- High touch - high quality technical support
- Low cost of ownership

Scalable Solutions

- Solutions for large/medium/small customers
- Technologies scale up and down
- Flexible licensing to match business needs
- Subscription, perpetual, and other pricing



For More Information:
Please Contact us via Phone or Email
Toll-Free: 877-899-7587
ContactUs@PlusTechnologies.com





TOLL-FREE : 877-899-7587
OUTSIDE U.S. : 937-847-0614

EMAIL : CONTACTUS@PLUSTECHNOLOGIES.COM
WEBSITE : WWW.PLUSTECHNOLOGIES.COM