

# Vasion for Manufacturing

## Why is Output Automation right for my manufacturing firm?

More than likely, you're using an Enterprise Resource Planning Solution (ERP) like SAP to manage the thousands of documents in your organization. Integrating with these ERPs can create silos of information across departments, leading to delays in accessing critical data, inconsistencies in reporting, and inefficiencies in printing. Documents play a major role in controlling the flow of automated business processes. Failures in document management, such as an error in printing or order processing, could lead to disruption in the manufacturing process. All of these issues can be addressed by our Output Automation solution.

- **Print Availability and Reliability:** Due to the critical nature of system-level printing, it's important that documents are delivered where and when they are expected. Traditional print servers offer high availability, but they either require additional infrastructure to support them or only protect against a few failure scenarios.
- **Remote Printing:** Many manufacturers use third-party partners or remote facility sites and need to send and receive documents back and forth, requiring the use of expensive VPNs.
- **Control Over Documents:** IT administrators lack the visibility to manage and report on who is printing or sending documents. Typical print management solutions cannot associate an end user with their document when initiated by an enterprise system or application.
- **Quality Control Documentation:** Automate the generation, distribution, and storage of quality control documents, ensuring they are delivered to the right departments or regulatory bodies in a timely manner.
- **Automated Order Processing:** Streamline the printing and routing of purchase orders, packing slips, and receipts across multiple locations, ensuring fast and accurate fulfillment of customer orders. Additionally, build failovers across devices to ensure ongoing operations and uptime with Rules & Routing.
- **Promotional Material Distribution:** Automate the distribution of promotional materials, price tags, and signage across retail stores, ensuring consistency and timely updates during campaigns.

[Visit our website](#) to learn more about the benefits of Output Automation for manufacturing.

## How can the Vasion Output Automation Bundle improve my business processes?

Any error during the manufacturing of goods can end up in cost overruns. Documents play a major role in controlling the flow of automated business processes. Failures in document management, such as an error in printing barcodes of faulty ERP documents, could lead to disruption in your manufacturing processes. Vasion Output Automation provides a robust platform that integrates seamlessly with existing ERP systems, such as SAP, to automate document routing, conversion, and delivery processes to streamline your operations. By centralizing document and print management, Output Automation minimizes errors, saves times and reduces costs.

## How do I connect my back-end systems and applications to Vasion Print?

Output Automation easily connects your systems with Vasion Print to route and deliver documents to your desired destinations, while offering you more granular control and visibility.

Our solution utilizes the line printer daemon (LPD) protocol or the SAP Connector on a Service Client, which receives documents from ERP systems and routes the document based on settings to the end destination.

Additionally, Output Automation offers an API Print Service that extends the ability to connect web-based systems that also generate documents for your organization.

## How does SAP work with Output Automation?

Output Automation ensures any output makes it from your SAP (and your other business systems) where it needs to go, in the format it needs to be in, and when it needs to be there. The service functions seamlessly with SAP, communicating with your application to route documents with a low-footprint Service Client to the printer or alternative destinations.

Administrators can easily manage user and system-level printing, printers and devices, user access, secure document handling, and reporting from a centralized Console and Dashboard. Vasion also offers additional Off-Network and Secure Release Printing features to further enhance and secure your output processes.

## How do I achieve better print availability with my SAP application?

Output Automation offers a robust failover scenario for your SAP application that catches errors and reroutes print jobs without needing the front-end print servers. With a redundant Service Client(s) in place, as long as a print job has been received, it can be picked up if the original Service Client or queue fails.

Administrators can easily add additional Service Clients on workstations or servers for redundancy. If a print queue or Service Client were to fail, the load balancer simply routes to another Service Client. What's more, when the Output Automation Service receives a spooled print job from SAP, it temporarily stores a copy of the job on another Service Client for additional redundancy until the job has been successfully delivered.

## How can manufacturers automate printing processes with Vasion?

*Rules & Routing* is an Output Automation tool that automates print and workflow behaviors according to predefined criteria. Easily create and manage the routing of documents across your environment with rule-based automation, leading to increased efficiency, accuracy, and reliability in print and workflow tasks.

## What can I achieve with Rules & Routing?

Rule-based automation boosts the efficiency of your print workflows and document processing capabilities, driving increased output quality, minimal disruption and errors, and maintains security and compliance, all while reducing the amount of manual intervention and troubleshooting disruptions usually bring.

You can establish print and output rules to:

- **Overcome Downtime:** Automatically redirect print jobs in cases of printer failure
- **Protect Sensitive Data:** Prevent the printing of sensitive documents
- **Increase Efficiency:** Distribute high-volume print jobs to multiple printers
- **Share Ownership:** Reassign held print jobs to another user to release
- **Orchestrate Delivery:** Duplicate print jobs and also print to additional printers in multiple locations

### How does Output Automation ensure print reliability at a document level?

Output Automation provides additional assurance that your documents reach their intended destination in the format and order they need to be in.

Confirmed Delivery offers bidirectional communication with your printers, giving you real-time updates on the current status of your print jobs. Instead of the standard response from the printer saying the document was simply received, you'll get more granular updates at each stage of the printing process so you know whether the job was successful.

### How can I orchestrate large volumes of documents that have to print in a specific order?

Batch Printing functionality is included within the Vasion Output Automation solution to enforce batches of documents to print in a specific order every time, ensuring complex processes remain standardized and efficient across your organization.

Document conversions allows for comprehensive conversion of documents into formats like PDF, XML, and HTML, improving accessibility and compliance. This ensures that documents are sent and received in their preferred formats, enhancing accessibility, user experience, compliance, and security.

Additionally, the Output Automation Console offers complete control and oversight of printing, allowing users to view received, retained, or failed actions and manage solutions directly in one place across the entire environment.

### How does Vasion support Zero Trust Printing?

Vasion integrates with popular identity providers to require users to authenticate every time before accessing printing capabilities. Admins can further require users to authenticate before print jobs can be released at the printer via badge swipe, enter user credentials at the CPA, or QR code release to ensure documents don't fall into the wrong hands.

Additionally, Vasion Print's SaaS platform is ISO27001:2022 and SOC 2 Type 2-certified to mitigate risks to customer data and help manufacturing organizations better meet their business, legal, and regulatory requirements.

## What other processes can I automate with Vasion?

On top of serverless, centralized print management for your end-users and systems, Vasion also provides manufacturers with built-in automation tools like signature, forms, workflows, and document capture so you can unify your mission-critical systems within a single platform and deliver workflows that maximize productivity and output.

These features are included with your Vasion instance to create a smoother flow of information and processes throughout your manufacturing organization, reducing bottlenecks and accelerating production times.

Do you have costly business processes that require extensive manual tasking? [Have a conversation with us](#) to see where we can help. For more information about the Vasion Automate platform, read our [solution brief](#).