

Blue Prism® Decipher IDP

Fuel your automations through intelligent document processing

Data fuels your automations

The path to digital transformation can be full of obstacles not easily overcome without the right tools. Automation enables digital transformation because it fundamentally transforms how we work and deliver value for our customers.

However, the scope of your automation can be severely limited if your data is locked within piles of documents – physical and digital. For example, without a way to process the data in your invoices quickly and accurately, you'll be forced to partially automate that process. Your employees will continue to manually perform a repetitive task that's slow and prone to errors. A reality no one desires, least of all your employees.

Unlock limitless automation opportunities by intelligently extracting and validating data from your documents

Intelligent document processing (IDP) solutions are difficult to integrate and complex to use. However, some organizations persist with these solutions. This creates bottlenecks for development teams that support the business with the initial setup and ongoing maintenance.

Decipher IDP provides our customers with easy access to a fast and accurate document processing solution, with native integration to SS&C Blue Prism's intelligent automation platform for simple setup.

What is Decipher IDP?

Decipher IDP provides existing customers easy access to document processing so they can automate more processes.

Benefits of Decipher IDP:

- **Increased data accuracy** – customize form templates to validate, format and organize the data entering your systems
- **Robust validation** – add confidence thresholds for data fields, and if those thresholds aren't met, add a human in the loop to complete the validation
- **Reduce manual intervention** – over time, the validation engine will learn from the human in the loop, so fewer referrals are made
- **Process a broad range of structured and semi-structured documents** – including invoices, passports and driving licenses
- **Easy to use** – the intuitive UI was built with business users in mind, so no complex coding is required
- **Ease of integration** – Decipher has direct integration to our platform so setup takes hours rather than days

Process documents with ease and maintain data quality

Decipher IDP can process structured, unstructured and semi-structured documents such as invoices, purchase orders, and application forms. This means no other IDP solution is needed. Our solution uses optical character recognition (OCR) and machine learning (ML) to classify document types and then extract, format, and organize the data, making it ready for validation. This improves overall processing speeds.

You can customize form templates and specify fields that require additional validation, so only the most accurate data is entering your system. For example, ensuring the invoice total is the sum of each line item. And if Decipher is unable to validate these data points according to the thresholds you've outlined, you can add a human to the process for maximum diligence. Over time, Decipher's validation engine learns based on the human's input, so fewer referrals are made, and your employees can remain focused on the tasks that matter most.

How does it work?



Documents are submitted to Decipher IDP through the SS&C Blue Prism platform.



OCR and ML recognize, classify and extract data from the documents.



Decipher IDP flags documents and data values that must be verified by a business user because the confidence threshold was not met.

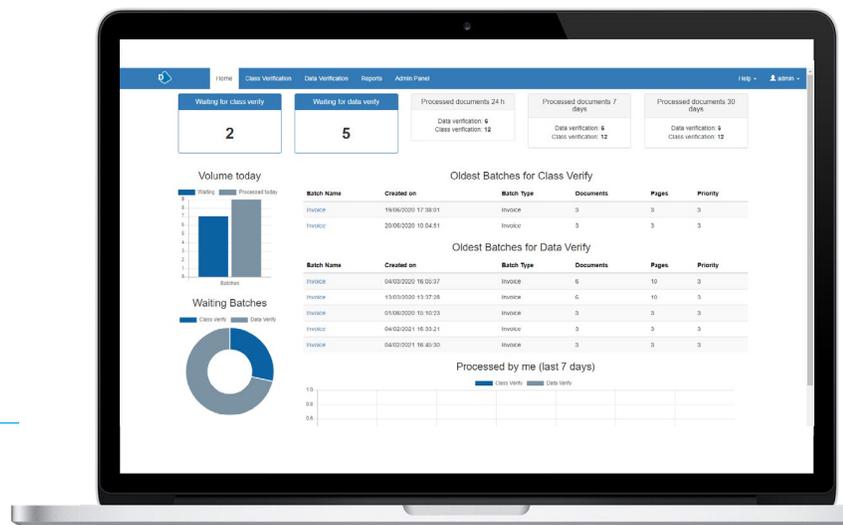


Validated results are returned to a work queue where the data can be used in RPA processes.



The software is highly effective in quickly extracting the data we need from our business documents. We see great benefits in using Decipher IDP in supporting our commitment to excellence in delivering outstanding quality to our customers and partners using the next generation of automation technologies.”

Mark Ross, business applications manager,
Amcor Group GmbH



Product specification

The following minimum setup is required to run Decipher IDP on a standalone deployment:

- Administrator access to the devices installed on the SS&C Blue Prism platform.
- CPU: Intel i7 3rd generation or above.
- RAM: 6 GB (1 GB for the application server at a load of 10,000 pages per day, plus 3 GB for SQL Server, plus 2 GB for Windows).
- Hard drive space for image storage. The average file size is 1 MB per page and 1 TB per 1 million pages.

Operating system

- Windows 10 or Windows Server 2012 or later.

Blue Prism Version

- BluePrism6.6.0_x64.msi or BluePrism6.6.0_x86.msi or later.

Natural Language Processing (NLP) Plugin

The NLP plugin is an optional Decipher IDP component and has the following minimum requirements:

- A graphics card with an Nvidia Graphics Processing Unit (GPU) on it — is installed on the same machine as the Decipher automated client.
- 8 GB of RAM per GPU.
- The version of the GPU driver must be 418.0 or later.

Supported Browsers

Decipher IDP requires Google Chrome to be set as the default browser. Decipher IDP does not currently support any other browsers.



SS&C Blue Prism provides leading enterprise intelligent automation technology worldwide. We empower customers to reimagine how work gets done with a secure and scalable intelligent digital workforce. A digital workforce increases efficiency, reduces operating costs and returns millions of hours to staff to focus on the things that matter most.

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