



Intelligent Document Processing (IDP)

A Digitech Systems, LLC eBook



Executive Summary



Intelligent Document Processing (IDP) is transforming the way organizations manage, process, and use documents. By automating tasks such as document capture, extraction, classification, and workflow automation, IDP significantly enhances business operations, enabling faster decision-making, improved compliance, and substantial cost savings. Businesses that implement IDP reduce document processing times by over 75% and streamline operational costs by up to 80%.¹

Digitech Systems is a leader in the IDP space, offering cutting-edge solutions that integrate advanced technologies like Optical Character Recognition (OCR), machine learning, and Artificial Intelligence (AI) to automate document-centric processes. These solutions help businesses streamline workflows, reduce manual data entry, and ensure compliance, driving efficiency across various industries, including finance, healthcare, legal, and manufacturing.

Through its innovative approach to document management, Digitech Systems is helping businesses worldwide stay competitive in an increasingly digital world. By adopting IDP, organizations can unlock new opportunities for growth and profitability.

¹ Forrester Research, "The Total Economic Impact of Intelligent Document Processing," 2022

What is IDP?

IDP Streamlines Operations:



"IDP introduces unparalleled efficiency by automating the capture, extraction, and processing of data from business documents. And not only does it automate these processes, but it does so at greater speeds than a human could manage, completing tasks that once took humans several minutes to do in sheer seconds.²"

- Naviant

IDP refers to a group of technologies that make it easier for companies to access the information contained in both digital and paper-based documents. IDP technologies automate tasks related to document capture/scanning and classification by type, as well as data extraction, sharing, and routing. IDP is also called Intelligent Capture and Advanced Capture.

² <https://naviant.com/blog/intelligent-document-processing>



Why Does IDP Matter?

The IDP market is growing rapidly:

The IDP market was valued at \$1.1 billion in 2022, with projections to reach \$5.2 billion by 2027, driven by a CAGR of 37.5%.³

- Markets and Markets

The rapid growth of IDP is fueled by businesses seeking to automate document-heavy processes for time and cost savings, improved compliance, and faster decision-making. Embracing IDP technologies positions companies to enhance productivity and stay competitive in the market.

³ Markets and Markets. (2022). Intelligent Document Processing Market by Component and Region - Global Forecast to 2027.

How Does IDP Benefit companies?



IDP can be used to streamline document-centric processes, drive operational efficiency, and boost business outcomes. Using OCR, machine learning, and AI, these products will automatically classify documents by type as they're being scanned or processed. Information can then be converted to full-text and extracted to populate index values or to be sent to another line-of-business application.

For example, as paper invoices are scanned, IDP tools recognize that the document is an invoice and extract the invoice details like date, vendor, line items, and total. IDP can then send the information to the accounting application and may route the invoice into an automated routing for verification (three-way match) and approval.

As demonstrated by Prestige Care, Intelligent Document Processing reduces the manual effort needed to handle documents and information, which results in significant time and cost savings.

► **Real Customer, Real Results: Retirement Facility Streamlines Accounts Payable**

Prestige Care manages more than 80 senior living facilities and lost time handling invoices manually. After implementing the PaperVision® suite, they centralized and automated accounts payable (AP) processes. This led to a 57% reduction in invoice processing time and saved the company 2,912 labor hours annually, equating to \$88,000 in wages.

“The time it takes us to process invoices has been reduced by 57%. We can now spend less time on accounts payable processing and more time providing the support our facilities really need.”

-Tyler R. Nelson, Cash Manager and AP Supervisor


[Read the Case Study >](#)



Prestige Care, Inc.
Prestige Senior Living, L.L.C.



Key Business Benefits of IDP #1

 "IDP can reduce processing time by 50% or more, eradicating errors and having a radical effect on productivity and efficiency.⁴"

- Roboyo

IDP Saves Time:


IDP eliminates the need for manual document sorting and classification. In addition, it can eliminate manual data entry by extracting the information automatically during document processing. For example, invoices that typically take significant time to process manually can now be processed in seconds, allowing finance employees to turn their attention to more engaging and value-adding tasks.

⁴ <https://roboyo.global/technologies/intelligent-document-processing>



Key Business Benefits of IDP #2

IDP Reduces Labor Costs:

 Businesses using IDP for document processing report saving up to 80% on labor costs typically spent on manual document handling and data entry.⁵

- Forrester

IDP Reduces Costs:

IDP reduces operational costs related to manual tasks and physical document handling. By eliminating manual data entry and document sorting, IDP reduces money spent on unproductive employee hours. According to Forrester, minimizing errors further increases cost savings.

⁵ Forrester Research, "The Total Economic Impact of Intelligent Document Processing," 2022



Key Business Benefits of IDP #3

IDP Makes Compliance Easier:



Organizations that implement IDP experience a 40-50% reduction in compliance-related issues, thanks to automated document tracking, audit trails, and secure storage.⁶ - Gartner

IDP Makes Compliance and Data Security Easier:

By accurately extracting important information, IDP enables information management systems to correctly apply data access and security standards, ensuring that documents are protected according to industry regulations (such as HIPAA, GDPR, etc.). Further, these tools enable automatic application of retention and destruction policies, reducing the load of manual tracking and activity.

⁶ Gartner, "The Benefits of Automating Document-Centric Processes," 2021.



Key Business Benefits of IDP #4

IDP Supports Better Decision Making:



"When enterprise data is ingested through an IDP solution, it becomes useful for many applications—machine learning modules, predictive analytics and data clustering, and AI-enabled cognitive agents—that can yield substantial competitive advantages in an organization's tech-enabled operating model.⁷"

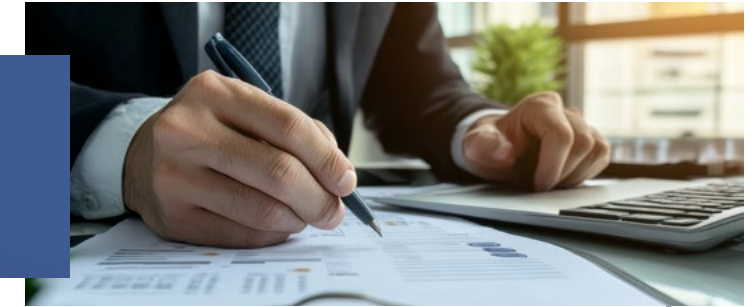
- McKinsey & Company

IDP Supports Better Decision Making:

Better, more accurate data leads to more effective decision-making across the organization. With IDP, key information from invoices, contracts, and legal documents can be quickly extracted and analyzed to support business insights. Automated document workflows provide faster access to this critical data, improving decision-making speed and accuracy.

⁷ McKinsey & Company, "Fueling Digital Operations with Analog Data" 2022.

What Business Types Use IDP?



Organizations in various industries have embraced Intelligent Document Processing to optimize their document-intensive processes. Some key industries that benefit from these innovations include:

Finance and Accounting



Automating invoice processing, tax document management, and reconciliation workflows reduces the time spent on manual data entry and enhances accuracy and security in financial operations.

Healthcare



Healthcare providers use IDP for managing medical records, processing patient documentation, insurance claims, and more. By automating these workflows, healthcare organizations can reduce administrative burdens and put more focus on effective patient care.

Legal



Law firms benefit from IDP through streamlined management of contracts, litigation documents, and case files. IDP improves the speed of document delivery, retrieval, and analysis, enabling better client representation and leading to better case outcomes.

Manufacturing & Supply Chain



IDP helps manufacturers automate order processing, shipment tracking, and supplier document management. This reduces the time spent handling purchase orders, invoices, and delivery notes, allowing for faster operations and stronger supplier relationships.

► Real Customer. Real Results: Manufacturer Reduces Invoice Processing Time by over 75%!

A producer of injection molds, aimed to digitize its accounts payable processes and streamline the handling of more than 1,200 invoices each month. By using PaperVision® Forms Magic™, this manufacturer reduced invoice processing time by over 75%—from an hour to just 15 minutes per invoice. This transformation saved the company over 10,000 hours of productivity annually, resulting in a cost saving of \$676,000 per year.

“PaperVision Forms Magic has revolutionized our AP processes! We’ve been able to cut our invoice processing time by over 75%. We’re saving the organization money and improving relationships with our business partners. We love Forms Magic!”

-Network and Computer Systems Manager



Digitech Systems: Leading the Way with IDP Solutions



Digitech Systems has been a trailblazer in the document management space, leading the way with advanced IDP solutions. The company's innovative products, including Sys.tm®, PaperVision® Capture, and PaperVision® Forms Magic™, incorporate cutting-edge technologies like OCR, machine learning, and AI, which automate document capture, extraction, and classification. This allows organizations to streamline workflows, reduce manual data entry, and ensure compliance — all while enhancing operational efficiency.

OCR & Intelligent Data Capture: OCR is the basis of many IDP products, because it converts image files into documents whose text can be searched and edited. These tools also allow companies to automatically locate where information is within a scanned document.

Sys.tm® | PaperVision® Capture | PaperFlow™

Document Classification & Data Extraction: Digitech Systems owns three patents protecting our AI algorithms that drive PaperVision Forms Magic which automatically classifies documents and extracts the information they contain. Forms Magic reduces the effort required to get value from documents and information.

Sys.tm® | PaperVision® Forms Magic™

Machine Learning & AI: These technologies enhance data extraction accuracy by learning from historical data, allowing IDP systems to become more intelligent over time. In addition, AI Query tools allow users to ask questions about information contained in a single document or a selected group of documents.

Sys.tm® | PaperVision® Forms Magic™

Workflow Automation: By integrating with information management systems like Sys.tm and ImageSilo®, Digitech Systems products can automate document-related workflows, ensuring timely document processing and approval routing.

Sys.tm® | ImageSilo® | PaperVision® Enterprise Workflow™

Conclusion



IDP offers significant business benefits, and companies that move quickly will sustain early-mover advantages over slower moving competitors. Reach out, if you'd like to learn more about IDP or any of the automation solutions Digitech Systems provides.

► Real Customer. Real Results: Global Service Provider Automates Complex Licensing Process

A global service provider helped a high-tech client automate their complex licensing process using IDP from Digitech Systems. By automating data extraction from more than 63,000 paper contracts annually, the company saved over \$3 million and reallocated 70 employees globally. The solution also boosted productivity by 10,506 hours per year.

"PaperVision® Forms Magic™ enabled us to access the critical information our client needed. Being able to extract the data with AI has enabled us to automate the entire business process for our client, saving more than \$3 million annually."

-Director of Innovation and Tools

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About Digitech Systems

A Trusted Leader in Information Management for Over 26 Years

Digitech Systems is the most trusted choice for intelligent information management and business process automation. Preferred by thousands of businesses worldwide from global conglomerates to Main Street, teams count on Digitech Systems to pave the path to more meaningful work by transforming how they handle digital files, processes, documents and more.

Celebrated by industry analysts and insiders for creating the best enterprise content management and workflow solutions on the market, Digitech Systems has an unsurpassed legacy of accelerating business performance by streamlining digital processes for organizations of any size with the PaperVision® and ImageSilo® brands. For decades, Digitech Systems' technologies have kept their customers on the knowledge management leading edge. To learn more about Digitech Systems and their award-winning suite of information management, Sys.tm®, Artificial Intelligence (AI), Business Process Management (BPM), electronic forms, and Robotic Process Automation (RPA) technologies, visit www.digitechsystems.com.

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