



PaperVision®
Forms Magic™ Technology

Classify and Extract Information Using AI

PaperVision® Forms Magic™ is an optional time- and money-saving feature of PaperVision® Capture that recognizes and classifies documents and extracts data using patented artificial intelligence (AI).

Increase Efficiency Using Full Power of Intelligent Document Processing



- Complete projects faster by leveraging the patented AI engine to recognize and sort document types immediately without complex programming.
- Put information to work quicker with intelligent data extraction and routing.
- Speed access to documents and data via seamless integration with other line-of-business applications.

Ensure Accuracy and Security While Ending Costly Manual Processes



- Save time and money by eliminating manual data entry and document handling.
- End labor-intensive and error-prone hand keying with AI-aided data extraction.
- Convert vulnerable paper forms and other documents into electronic files protected by user login, encryption, and multiple layers of system security.

Save Time and Money with Workflow Automation



- Reduce your costs for processing invoices, mail and other documents by eliminating manual handling.
- Speed results and save time across your entire organization with versatile automation technology.
- Improve organizational efficiency by processing even complex forms quickly and accurately.

**For a complete product listing and technical information,
please visit: www.digitechsystems.com or call toll free 866.374.3569.**

Any Document. Anywhere. Anytime.®





Get The Most Out Of Your Digital Transformation

Leverage Artificial Intelligence

Looking to avoid lengthy form setup and data transfer processes? Leverage the powerful AI-aided forms processing and data extraction engine that led one analyst to describe PaperVision® Forms Magic™ as “like facial recognition for documents”.¹

Save Time and Money by Eliminating Manual Tasks

Still hand-keying and hand-sorting document information? Save time and money and avoid human errors with powerful technology able to recognize and classify complex documents, extract critical data and populate data fields.

Speed Business Processes Across Your Organization

What if you could integrate the data processed by Forms Magic throughout your organization? The data captured can be exported to electronic workflows and line-of-business (LOB) applications to improve decision making across the enterprise.

Classify Complex Documents

Do you have complex documents? Forms Magic technology uses multiple data points to make classification decisions, including spatial layout and algorithmic analytics to ensure the accuracy of even the most complicated documents.

Integrate Seamlessly

Forms Magic is an optional add-on to PaperVision® Capture. It is highly customizable, bringing powerful document recognition and classification to your organization. Export to any information management system.

Protect Sensitive Data

Integration with PaperVision® Capture allows you to convert vulnerable paper records into electronic files that are protected by user login, encryption, and multiple layers of system security. Ensure private business information is safe from prying eyes.

Suite Options:

- Cloud information management — PaperVision®.com / ImageSilo®
- On-premise information management — PaperVision® Enterprise
- Award-winning enterprise capture — PaperVision® Capture
- Automated business processes — PaperVision® Enterprise WorkFlow
- Digitech Systems Professional Services is available to help you design and implement your entire information management system.

“The license agreements were too complex for ordinary optical character recognition (OCR) so the AI engine in PaperVision® Forms Magic™ was critical for us to recognize and extract the data that mattered to our client. It has saved them more than \$3 million annually.”

- Troy Brown, Director of Innovation and Tools, Arvato Bertelsmann



¹<https://www.digitechsystems.com/digitech-systems-recognized-for-innovation-in-forms-processing/>



Technical Specifications

System Overview

- Input virtually any document or form type into the system for recognition and classification
- Automatically cluster like documents or you can manually identify categories
- Graphically define and add new form types in seconds with easy user interface and pre-defined templates
- Ensure accuracy before actual processing with Forms Designer, which previews document setup by displaying output complete with extraction results
- Simplify form setup and specify document breaks, set required words, change form types, add color dropouts, and add, rename and delete forms using Form Designer
- Identify and classify document types quickly with patented artificial intelligence (AI) engine
- Recognition and extraction is based on OCR, Optical Mark Recognition (OMR), and Intelligent Character Recognition (ICR) for constrained handwriting
- Visual and percentage indicators show the system's confidence in extracted information, including highlighting the words and zones used
- Populate index fields and line items without typing a single keystroke using data extraction
- Find specific data that may change location from page to page, improving extraction using anchors
- Coordinate effort between multiple users who can chat directly with one another with Communication Server
- Annual maintenance includes access to all product updates, ensuring access to the latest product features and benefits

- Get started quickly with complete, detailed online help and electronic product manuals
- Get your telephone calls and questions answered fast as part of our legendary technical support

Security

- This add-on product is fully protected and supported by the same security features and capabilities of PaperVision Capture (see PaperVision Capture product sheets for details)

Scalability and Reliability

- Usage-centered licensing can be based on the number of documents classified, pages, or fields extracted
- Multiple servers can be used to load balance processing, maximizing hardware and delivering speedy results

Integration

- Share data with virtually any scanning application to add classification and extraction to existing imaging processes
- Export data for processing by the optional PaperVision Capture Business Rules, and automate manual tasks and process complex documents

System Requirements

In addition to the requirements for PaperVision Capture, we recommend the following:

- 4 GB of additional RAM for desktops – 8 GB total
- 8 GB of additional RAM for servers – 16 GB total

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