



 PaperVision®
Forms Magic™ Technology

Classify and Extract Information

How would your organization benefit if you could eliminate manual data entry? Automatically recognize, classify, and extract data in PaperVision® Capture with the award-winning and patented artificial intelligence engine of PaperVision® Forms Magic™.



EFFICIENCY **NOW**

- Leverage the patented artificial intelligence (AI) engine to recognize and sort document types immediately without complex programming.
- Eliminate manual data entry by extracting and populating fields to increase organizational efficiency.
- Send critical data to other line-of-business applications to speed document processing times.



CONTROL **NOW**

- Reduce manual mistakes by recognizing document types and sorting quickly and accurately.
- Sophisticated algorithms ensure complex documents are processed with ease.
- Convert vulnerable paper records into electronic files that are protected by user login, encryption, and multiple layers of system security.



MONEY **NOW**

- Reduce your cost per document processed by extracting data automatically.
- Improve cash flow by reducing your time-to-payment schedules.
- Accurately classify forms to streamline organizational processes and save money on labor.

"We couldn't have automated this process without PaperVision Capture. 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



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BERTELSMANN

How would your organization improve if you could classify and extract critical data from complex documents? Streamline operations by automating manual processes to improve efficiency across the entire enterprise.



Leverage Artificial Intelligence

Looking to avoid lengthy setup processes that involve programmers manually importing and setting up forms? Leverage the powerful AI engine that sets up forms in minutes. It learns by ingesting forms and develops its own patterns for classification to eliminate hand sorting and manual data entry.



Eliminate Manual Tasks

Are you still manually hand-keying document information? Automatically classify and extract document information and eliminate manual data entry. Data fields can be populated using the powerful AI engine. Extract critical information from your documents to streamline organizational processes across the enterprise.



Inform Business Processes

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



Classify Complex Documents

Do you have complex documents? Forms Magic can process virtually any document. The 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

PaperVision Forms Magic is an optional addition to PaperVision Capture. Designed as a fully integrated component, it is highly customizable and brings powerful document recognition and classification to your organization. Export directly to PaperVision Enterprise, ImageSilo or any other Enterprise Content Management (ECM) system.



Protect Sensitive Data

Do you work with sensitive content? The 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. Workers only see the information they need to finish the task at hand, ensuring private information is safe from prying eyes.



Suite Options

- Cloud ECM – ImageSilo®
- On-premise ECM – PaperVision® Enterprise
- Award-winning enterprise scanning – PaperVision® Capture
- Automated business processes – PaperVision® Enterprise WorkFlow
- Print stream processing – PaperVision® Enterprise Report Management
- Professional services are available to help you design and implement your entire ECM system.

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

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SYSTEM OVERVIEW

Virtually any document or form type can be input into the system for recognition and classification

Setup allows the system to automatically cluster like documents or you can manually identify categories

Easy user interface and pre-defined templates allow administrators to graphically define and add new form types in seconds

Forms Designer previews document setup by displaying output complete with extraction results to ensure accuracy before actual processing

Forms Designer window simplifies form setup and allows you to specify document breaks, set required words, change form types, add color dropouts, and add, rename and delete forms

Patented artificial intelligence (AI) engine quickly identifies and classifies document types

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

Extracted data can be used to populate index fields and line items without typing a single keystroke

Anchors find specific data that may change location from page to page improving extraction

Communication Server coordinates effort between multiple users who can chat directly with one another

Annual maintenance includes access to all product updates, ensuring access to the latest product features and benefits

Complete, detailed online help and electronic product manuals are included to get you started quickly

Toll-free, legendary technical support is eager to assist with any questions you may have

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

Directly integrate with PaperVision Enterprise and ImageSilo or export documents to virtually any other ECM application or standard line-of-business application

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

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