

## OVERVIEW

# ELIMINATE DATA ENTRY WITH OCR

As businesses continue to move away from laborious manual processes by introducing automation, they are increasingly capitalizing on the elimination of manual data entry. More than 80 percent of intelligence is trapped inside unstructured, unmanaged documents and that loss of insight and data value can cost businesses more than just time. In today's digital world, manual document capture and data entry can significantly hold back a business from operating on a competitive level.

Data transformation, optical character recognition (OCR), machine learning and artificial intelligence (AI) technology has emerged as one of the most comprehensive tools for businesses looking to eliminate manual data entry and leverage the benefits of automation. Products that encapsulate all of this functionality can bring immediate ROI to any business manually entering data from incoming documents.

## USING DOCUMENT CAPTURE SOFTWARE TO ELIMINATE MANUAL DATA ENTRY

Data transformation technology in concert with document capture and robotic process automation (RPA) technology automates and accelerates document processing – enabling businesses to reduce labor costs, increase productivity, and push speed and accuracy.

**ALL STAR**  
SOFTWARE SYSTEMS

If you think your business could leverage the powerful benefits of data transformation software to eliminate manual data entry, contact All Star Software today.

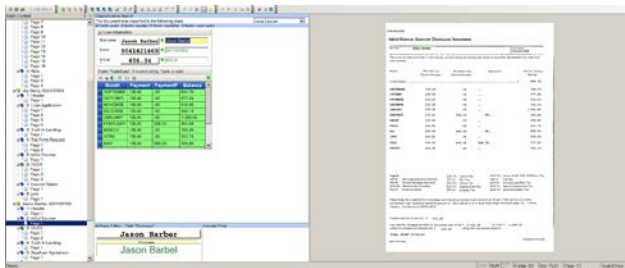


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The solution removes the need for manual document classification, separation, and extraction by automating those tasks. It accurately sorts paper and electronic documents and passes that content to your core business applications. Data transformation is a cornerstone application to both the intelligent automation and digital transformation concepts sweeping our globe with change.

Without the need to manually enter data or capture the right data from documents, your employees can work on other essential items and workflows operate more efficiently.



## HOW DOES ELIMINATING MANUAL DATA ENTRY WORK?

Data transformation (in many cases referred to as OCR or cognitive document automation) software helps to eliminate data entry by extending your powerful document capture platform with the ability to extract data and classify documents. Documents can be captured through scanning, faxing, email, EDI, or XML, and the software subsequently converts the images to text. You can configure format masks/regular expressions to find relevant data, in addition to using keywords and regions in order to associate an extraction confidence to the field which will determine if that field needs to be validated or not.

All of this together provides data extraction capability regardless of the layout of the document and without using templates per vendor/customer/source.

Using machine learning, data transformation software learns in real-time to improve extraction correctness. It uses advanced document and character recognition capabilities to turn documents into machine-readable information. With optical character recognition (OCR), intelligent character recognition (ICR), intelligent document recognition (IDR), the solution captures the data from incoming documents (email attachments, network folders, SMTP, fax server, EDI etc.) and interprets it. These features reduce the need for manual keying and paper handling – improving your data quality, your ability to leverage that data, and your productivity.

Supporting over 140 languages, data transformation can handle both structured and unstructured documents and is configurable through an intuitive GUI interface. By processing different file types in various languages across different departments using automation, you enjoy rapid, accurate data entry.

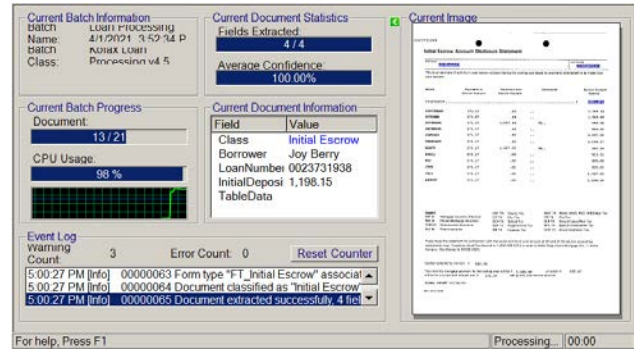


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Data transformation helps you eliminate manual data entry within the following and more use cases:

- Mailroom processing
- Accounts Payable invoices
- Higher education transcripts  
Remittances
- Sales orders
- Bill of lading
- Real-time insight and analysis into document capture and data entry
- Immediate access to metrics and key performance indicators



Document capture and data transformation technology integrate with your enterprise resource planning (ERP), content management (ECM), workflow, and line of business systems without disruption. With swift onboarding, the solution can enable your organization to start generating ROI instantly by eliminating 70% and more of your data entry.

If you think your business could leverage the powerful benefits of document capture software to eliminate manual data entry, contact All Star Software today. We combine technical expertise in automation technologies with a personalized approach to learning about your business needs. We'll connect you with the right solution that sends your manual data entry processes packing.

**ACCELERATING** Business

