



What's Data Capture?

Automatic Data Capture will reduce or eliminate manual data entry in your daily document process. Think about the collection of relevant information on invoices, contracts, receipts or any other source that's written down. This data can be collected automatically.



More than scanning

Data to collect is not limited to paper, think about the Internet, smart algorithms are capable to search exactly the right phrase or numbers you are looking for.

A less abstract example is modern invoice portals where you can download a lot of details in an Excel file. Presenting this data in a structured way for your financial system for further processing, it's modern Data Capture!



Take the advantage

With the use of Data Capture your work does not only become faster, cost reduction, improved efficiency and the knock-out of boring manual labor will be your part.



Data Capture Methods

Barcode recognition is most known way to separate documents, collect Metadata or classify documents. These days it's still used on documents or more advanced, barcodes are scanned on archiving boxes.

OCR (Optical Character Recognition) The technology to read text from scanned documents is a technique EasyData became famous with. We did find ways to improve OCR results dramatically over the last years.

ICR (Intelligent Character Recognition) stands for the recognition of handwritten text. A couple years ago it was with the available techniques impossible to get really good results that matter. With the introduction of so-called Deep Learning Algorithms, we realize stunning results on the field of hand written text.

OMR (Optical Mark Recognition) is used to capture human marked data from documents such as forms and surveys. We make it smarter with density checks.

IDR (Intelligent Document Recognition) starts with the classification of the document subject for capturing. When technology understands if it's for example an invoice, freight-note or medical claim form, the content recognition will be easier to for fill. You can predict the document content and draw differences. You capture other data from an invoice than from a freight note.

Following this method classification can be done based on text, template or Entity recognition. With IDR we step into the area of modern Data Capture and we go ahead with development and research. And we continue doing so!



"What is now proved was once only imagined."



How to get started?

There are more difficult questions asked in daily business, at EasyData we follow a straight forward approach based on our customer driven experience, effectiveness proven!

Without basic knowledge about your request we are unable to for fill any task. So, we need your original documents and a description of your requirements.

Next in line will be a POC (Proof Of Concept) where we show our technical representation on what we learned from you. You like what we made for you? Then let's continue together on this road to gain efficiency in your own administrative processes.

The POC stage does not require much, first of all, EasyData Engineers are experts in the field of Data Capture and must be able to serve you within a reasonable amount of time.



Getting results

After the POC you will experience what Data Capture can do for you. This is the time to start implementing our innovative technology into your required process!



Data Capture Today

To explain better let's take a traditional task in Data Capture process, the automatic reading of invoices. In large parts of the world invoices are not send by postal mail on paper anymore. These days almost all invoices are send as PDF by email. By this reason Data Capture technology change, but does not disappear, it just changes its appearance.

Today we see new Data Capture technologies arrive:

PDF-Communicator A smart technology that converts your invoices directly into useable XML data for next stage.

This next stage can be checking the invoice against an order form, or getting addition invoice data from the suppliers webportal. This can be done automatically and actual seen as Data Capture as well. For these tasks we use EasyData's **Intelligent Transformation Platform**, the innovative answer on actual customer demands on the field of Data Capture.



Automate repetitive tasks

RPA (Robotic Process Automation) is the way to Capture and extract document data, enabling the back-office to work more efficiently and improving productivity. By the use of RPA you can classify and validate data automatically into the required workflow.

