



Text Extraction

FAO - Invoice Processing



Business Problem:

Processing thousands of invoices every month manually is a daunting task. It is both time and resource intensive process because of following challenges:

- ✓ Multi-language Invoices
- ✓ Multi-format Invoices
- ✓ Unstructured Invoices

This leads to high operational costs which impacts bottom line



How teX.ai solves this problem?

teX.ai has different intelligent modules which work seamlessly to:

- ✓ Segregate invoices based on language
- ✓ Route invoices to its text extraction engine
- ✓ Extract fields (Header fields and Line items)
- ✓ Generate output in preferred format



Results with teX.ai

- ✓ **30%-40%** improvement in processing time
- ✓ **20%-30%** reduction in operation costs

Your company name
123 Your Street
City, State, Country
ZIP Code
584-555-1234
your@email.com
yourwebsite.com

BILLED TO
Client Name
Street address
City, State Country
ZIP Code

Invoice

	DESCRIPTION	UNIT COST	QTY/HR RATE	AMOUNT
INVOICE NUMBER 00001	Your item name	\$0	1	\$0
	Your item name	\$0	1	\$0
DATE OF ISSUE mm/dd/yyyy	Your item name	\$0	1	\$0
	Your item name	\$0	1	\$0
	Your item name	\$0	1	\$0
	Your item name	\$0	1	\$0
	Your item name	\$0	1	\$0

SUBTOTAL \$0
DISCOUNT \$0
(TAX RATE) 0%
TAX \$0

INVOICE TOTAL
\$2000

TERMS
E.g. Please pay invoice by MM/DD/YYYY

Source - <https://www.freshbooks.com/invoice-templates>

Logistics – Bill of Lading



Business Problem:

Bill of lading documents received from various transporters for goods are highly non-standard and unstructured. The number of document formats range in thousands. Hence usual template based text extraction technologies cannot solve this problem. Number of fields to be extracted are complex in nature. A few important fields are:

- ✓ Ship From/To
- ✓ Addresses
- ✓ Goods Description
- ✓ Quantity and many more

How teX.ai solves this problem?

teX.ai has different intelligent modules which work seamlessly to:

- ✓ Applies pre-processing on documents of poor quality
- ✓ Identifies fields of significance on documents
- ✓ Extract fields required (Header fields and Line items)
- ✓ Generate output in preferred format

Results with teX.ai

- ✓ **75%-80%** accuracy in extraction
- ✓ **30%-40%** improvement in processing time
- ✓ **20%-30%** reduction in operation costs

CUSTOMER ORDER NUMBER		# PKGS	WEIGHT	PALLET/SLIP	ADDITIONAL SHIPPER INFO
3718214818		4	120		DC6930
3985395812		6	180		DC6926
3818214774		2	60		DC6909
4655385217		1	30	X	DC6483
5695434586				X	DC7839
GRAND TOTAL		61	2,980		

HANDLING	PACKAGE	WEIGHT	H.M. (X)	COMMODITY DESCRIPTION	LTL ONLY
QTY	TYPE	QTY	TYPE		NMFC # CLASS
2	PLT	200	CTN	28,000	
2		200		28,000	GRAND TOTAL

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper. If applicable, otherwise the rates, classifications and rules that have been		The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.	
SHIPPER SIGNATURE / DATE		CARRIER SIGNATURE / PICKUP	
Trailer Loaded. <input checked="" type="checkbox"/> By Shipper <input type="checkbox"/> By Driver		Freight Counted. <input checked="" type="checkbox"/> By Shipper <input checked="" type="checkbox"/> By Driver/pallets said to contain <input checked="" type="checkbox"/> By	


Source – Google Images

THANK YOU




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We Are Also On

