



ALLMY PAPERS™

MicrBATCH

Automatic Extraction of MICR Data from File Directories of Check Images Application

MicrBATCH

- Finds and detects MICR data within check image files
- Reads MICR E13B fonts
- Repairs check image files for best MICR extraction
- Compares OCR MICR data to magnetic read data
- Extracts, parses and exports MICR data in ASCII format to databases

MicrBATCH

A Windows™ application run in either a command line or interactive mode that detects, finds, image processes and extracts magnetic ink characters on the MICR line of scanned check images in thousands of files in directories and sub-directories.

Compatible with Most Types of Check Images

MICR Batch accepts a wide variety of image formats such as:

- Bitonal
- Color
- Grayscale

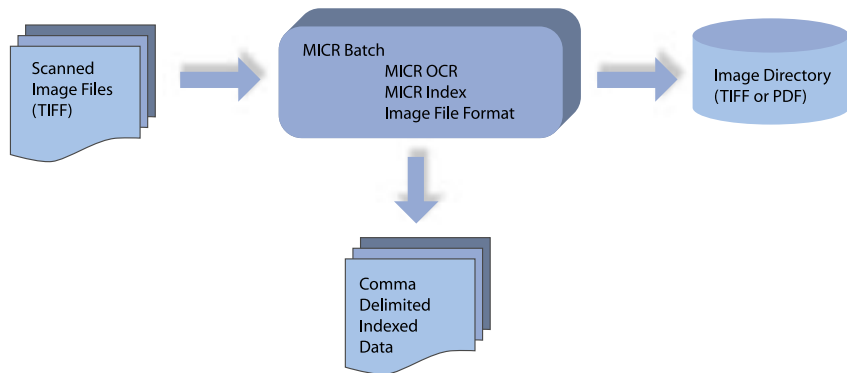
As well as check image file types such as:

- TIFF
- TIFF multiple image
- BMP
- PCX
- DCX

MICR Batch Benefits

- Easy to use
- Accurate
- Reliable
- Fast
- Low reject rates
- Economical licensing, no per click charges

High Read Rate, Easy to Use, Fast and Automatic Batch Processing MICR OCR Application



Ready to Run Software Solution

- High read rate MICR OCR
- Simple user dialog for control and setup
- Command line or interactive execution
- Automatic processing of full directory trees of image files
- Output ASCII file of MICR line results including parsed fields
- Input single/multi image TIFF files
- Output single/multi image TIFF or PDF files

MICR OCR Process

- Automatic detection of MICR line
- Dual pass voting algorithm for highest read rate
- Confidence level control to maintain a low error rate
- Check reading of images input up-side-down
- Enforcing(or not) banking rules in the OCR process

Image Output File Controls

- Create single/multi image TIFF or PDF
- Correct front/back reversal
- Correct up-side-down
- Custom naming control

ASCII File Format Control

- Multiple record formats
- Field order selection
- Field content selection
- Delimiter selection

Image Pre-processing Automatic Image

- Skew correction
- Black edge removal
- Registration
- Rotation when scanned with the short edge first

Solutions For All Your Papers





MicrBATCH

Automatic Extraction of MICR Data from File Directories of Check Images Application

High Read Rate, Easy to Use, Fast and Automatic Batch Processing MICR OCR Application



Skew Correction



Lightens or Darkens



Removes Black Edges

Product Description

MICR Batch delivers accurate Optical Character Recognition (OCR) of MICR line data from check images. MICR Batch is a Windows application run in either a command line or interactive mode that detects, finds, image processes and extracts magnetic ink characters on the MICR line of scanned check image. Check numbers and account numbers can be used for image indexing. Accurate OCR verifies dollar amounts.

Low Reject Rate

MICR Batch detects and finds the MICR line of data. After pre-processing, the MICR line data is then passed to multiple OCR engines whose results are then compared and voted on through an exclusive voting algorithm.

- Confidence values are generated which can flag questionable images and maintain low error rates.
- A voting algorithm can also compare magnetic read results to the OCR read results which can correct hardware magnetic misreads.
- ABA rules can be applied to further ensure accuracy and conformance to implemented best practices.

Problem Description

Financial institutions, large and small, are implementing imaging systems as integral components of their daily processes. Accurately extracting data from check images becomes more and more critical to their success, survival, and competitive customer service offerings.

All My Papers has developed and perfected MICR OCR technology for over sixteen years. Thousands of MICR lines are read on a daily basis using our applications and technology.

Licensing Model:

The application has a one time fee and comes with runtime licensing. There are no per click charges.

Minimum System Requirements:

- Operating system: Windows XP Pro, 2000 Pro, or NT
- CPU: Pentium 4, 2 GHZ, 512MB RAM



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