

Forms Processor

FP is a powerful zonal forms processing application that recognizes Barcode, OCR (Optical Recognition of Machine Printed Characters) OMR (Optical Mark Recognition of Filled Bubbles), MICR (Magnetic Ink Character Recognition) and ICR (Intelligent Character Recognition of Hand Printed Characters). FP matches scanned forms against user defined templates for form identification. It normalizes scanned images to the data position defined by the template, adjusting for size, variation, warping, shrinking, and stretching introduced through scanning. Additionally, the FP solution has the ability to recognize MICR fonts, commonly used on checks in the banking and financial industries.

WebFP: WebFP is a thin-client application with multi-user access across the organization. It is an interactive application for single-page recognition. It also allows scanning of documents through a web browser. The application provides a Data-Entry form in the sidebar so that the recognized values can be cross-checked and edited if required.

WebFP Features:

- Server installation of application
- Web-based to provide access to multiple clients
- Allows scanning documents over web
- Interactive data entry

BatchFP: BatchFP is a desktop application for batch recognition. It allows batch scanning of forms and documents thereby allowing large amounts of data to be processed faster. Documents are scanned in batches. The scanned documents are recognized with their respective Config File and Color Drop out File to generate results in XML and CSV formats.

BatchFP Features:

- Desktop application
- Allows Batch scanning
- Large amounts of data processing

Key Benefits

- Single recognition application for Barcode, OCR, OMR, MICR and ICR
- Form drop out improves recognition by eliminating unnecessary lines, combs, distractions, and colors
- Automatically applies a scaling factor to rationalize scanned forms to the template images
- Supports single and multi-mark (OMR) recognition with a 99.9% accuracy
- Industry leader in recognition and accurate translation of images into character or OMR representations
- Ease of use substantially reduces man-hours to configure and operate
- Highest functionality at the lowest ongoing cost of ownership



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Key Features

Optical Character Recognition (OCR)

- Recognizes machine-printed uppercase/lowercase alphabetic, numeric, accented characters, many currency symbols, digits, arithmetic symbols, expanded punctuation characters and more
- Supports English

Intelligent Character Recognition (ICR)

- Recognizes hand-printed English characters using pre-defined character sets: uppercase, lowercase, mixed case alphabetic, digits, currency (including \$ (dollar), ¢ (cent) € (Euro) £ (pound), ¥ (Yen)), arithmetic and punctuation characters (including period, comma, single quote, double quote, ! & () ? @ { } \ # % * + - / : ;
- Recognition results and confidence are returned as CSV and XML file

Magnetic Ink Character Recognition (MICR)

- Recognition technology to facilitate the processing of the MICR fonts of checks. Supports English
- Minimizes chances of error in clearing of Checks
- Easy and faster transfer of funds
- Provides a secure, high-speed method of scanning and processing information

Optical Mark Recognition (OMR)

- Identifies hand filled-in bubbles on printed forms
- Supports single and multiple mark recognition
- Fields may be specified as grids (rows by columns) or single bubbles

Barcode

- Can read more than 20 industry 1D and 2D barcodes including Code39, CODABAR, Interleaved 2 of 5, Code93 and more
- Automatically detects all barcodes in an image or specified areas within the image

Form Recognition

- Matches scanned forms against user defined templates for form identification
- Form color drop-out improves recognition by eliminating unnecessary lines, combs, distractions, and colors

Form Registration

- Matches scanned forms against user defined templates to automatically position scanned forms correctly
- Recovery from warping, shrinking, and stretching inherent in faxing and copying forms

Reporting

- Extensive reporting facilities enables rapid assessment of the recognition process as documents proceed through the system

