



Fairfax Software **Quick Modules** • Imaging and Recognition Technology Overview

One Solution • One Workflow • One Provider

Fairfax Software • www.fairfaxsoftware.com

Quick Modules, by Fairfax Software is a scalable, customizable forms and check processing solution. Processing millions of business transactions daily, *Quick Modules* uses rules based workflow along with sophisticated recognition technology and validation capabilities to process virtually any document, form or check within a common architecture. The system will read information from virtually any form, document or attachment, utilizing structured, semi-structured and unstructured recognition techniques to efficiently and accurately capture data. More importantly, the solution is backed by an experienced, industry focused Fairfax Software team that provides a total commitment for end-to-end customer service and support. This ongoing commitment is shown by an ever-growing client list within government and Fortune 500 corporations.

Quick Modules Offers Efficient Business Automation

Our *Quick Modules* recognition process enables organizations to efficiently automate business processes, dramatically minimize manual operations associated with document processing and data capture and increase overall productivity. *Quick Modules* delivers powerful recognition techniques to transform information from various types of paper forms or documents into electronic data and transfer it to business applications and databases.

Benefits

- Eliminate manual presorting
- Scanner Independent
- Automated form identification and classification reducing manual intervention.
- Reduced operational costs through indexed image retrieval.
- Improved accuracy through user defined rules-based validation.
- Electronic presentment of checks (Check 21 or ARC) reducing deposit time frames.



Fairfax Software Quick Modules • Imaging and Recognition Technology Overview

One Solution • One Workflow • One Provider

Using Quick Modules, companies can automatically process all incoming mail, payments, and forms, automate their workflow, and perform recognition on forms that are structured, semi-structured and unstructured. Quick Modules provides the best in character recognition rates and provides a single platform for all your application needs. In addition, when two recognition engines are involved, voting is used and the best result is provided.

State-of-the-Art Recognition

Barcodes

1D, 2D, Postal, and QR barcodes can be located anywhere on the document and often provide the highest of read rates.



Optical Character Recognition (OCR)

Matrix matching analysis and sophisticated algorithms to capture machine printed characters in virtually any font style.



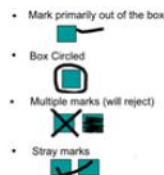
Intelligent Character Recognition (ICR)

Advanced neural network techniques are employed for handprint and handwritten text recognition. Sophisticated algorithms filter preprinted guide boxes



Optical Mark Recognition (OMR)

Multiple levels of grayscale recognition are used to identify the presence or absence of marks on forms.



Check Processing

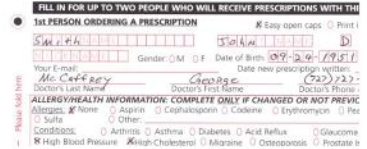
For checks and money orders, MICR, a standard magnetic-ink character format, is used to read the code line. CAR/LAR technology reads the courtesy amount (CAR) and legal amount (LAR).



Process a Wide Variety of Intermixed Form Types

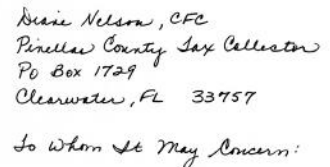
Structured Forms

Data is in a consistent location and provides a high level of accuracy and speed.



Unstructured Forms

Data is inconsistent and can be virtually anywhere. Words or patterns are used to identify data to extract.



Semi-Structured Forms

Data is consistent but the location can vary. Word identification and groups of words or patterns determine the data to extract.



Examples of semi-structured documents are invoices, W-2s, Labor Department wage reports, web based forms, and Tax forms.



Automatically identify the check and create a separate image without manually separating the check from the invoice.

Microsoft Partner

Silver Application Development
Gold Application Development

Fairfax Software • www.fairfaxsoftware.com • (703) 802-1220
550 North Reo Street #202 Tampa, Florida 33609

