



## Fairfax Software **Quick Modules** • Imaging and Recognition Technology Overview **One Solution • One Workflow • One Provider**

### Fairfax Software • [www.fairfaxsoftware.com](http://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

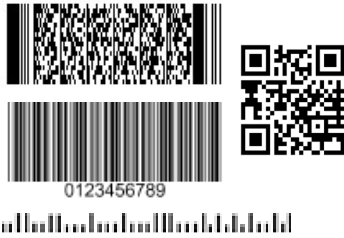
## One Solution • One Workflow • One Provider

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.



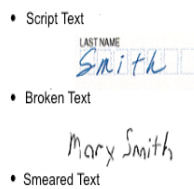
#### Optical Character Recognition (OCR)

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



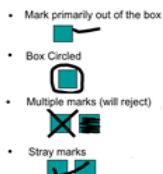
#### Intelligent Character Recognition (ICR)

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

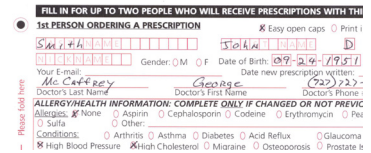
For checks and money orders, MICR, a standard magnetic-ink character format, is used to read the code line. CAR/LAR technology reads the courtesy amount (CAR) and legal amount (LAR).



### Process a Wide Variety of Intermixed Form Types

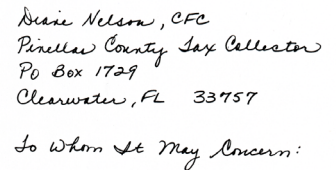
#### Structured Forms

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



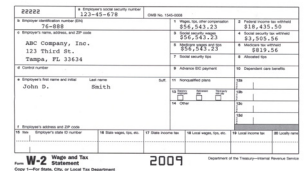
#### Unstructured Forms

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

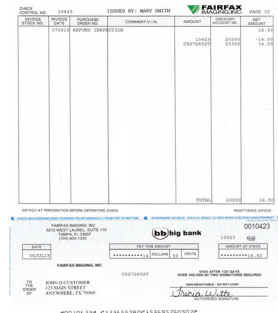


#### Semi-Structured Forms

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

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