

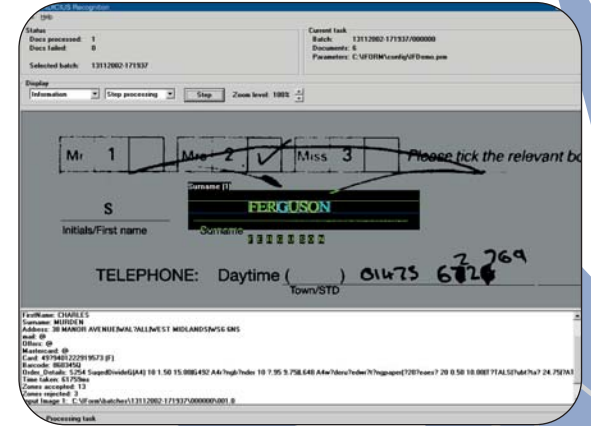
# INDICIUS



## OVERVIEW TO RECOGNITION

At the heart of any data capture system is an automatic recognition component that extracts the bulk of the data from each document without the need for human effort. Recognition accuracy has a direct influence on the cost effectiveness of the system: data captured without the need for human effort equals cost saved.

INDICIUS Recognition has been proved in trials to yield the highest accuracy on the widest document set, leading to maximum return on investment in the minimum time. INDICIUS can also cope with changes in your data capture requirements, using Definer and Recognition to rapidly set up and tune Recognition for different document sets.



## RECOGNITION

### Features

- ◆ Recognition of constrained hand print, machine print, check marks and barcodes
- ◆ Processing of structured forms, semi-structured and free-form documents
- ◆ Multi-language capability, including western and Arabic character sets
- ◆ Recognition of any machine print typeface
- ◆ Bi-tonal, greyscale and colour image compatibility
- ◆ Auto-removal of form background
- ◆ Automatic on-the-fly document identification
- ◆ Powerful image correction algorithms
- ◆ Multi-page capability
- ◆ Scripted manipulation of output data

### Benefits

- ◆ Recognition automates the processing of a wide range of document types
- ◆ The highest accuracy can be achieved on machine and hand printed documents, giving the quickest return on investment
- ◆ The best accuracy for a given document set can be achieved using Recognition Trainer
- ◆ Mixed batches can be processed, reducing document preparation load
- ◆ Large numbers of check marks can be processed quickly
- ◆ New document types can be configured rapidly using Definer

### Usage

**Recognition of machine print, hand print, check marks & bar codes from document images**

Input: Document images (TIFF, JPEG, BMP)  
Output: Recognised data (XML)

**Formatting of system performance statistics**

Input: Raw performance statistics  
Output: Formatted performance statistics

### Platforms

- Kofax Ascent Capture
- Captiva InputAccel
- FileNET Panagon Capture
- Microsoft Windows NT/2000/XP\*
- Unix \*\*

\* Also available as SDK (32-bit DLL)

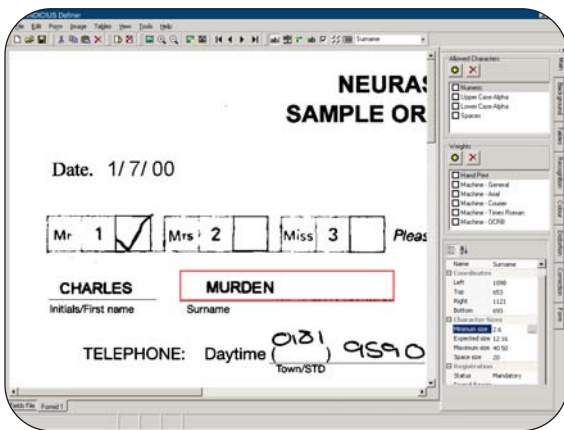
\*\* Solaris & Linux, others by request

# INDICIUS

## DEFINER

### Features & Benefits

- ◆ Point-&-click mode for rapid definition of read areas and basic recognition parameters
- ◆ Text mode for more advanced options, e.g. conditional data processing and complex document identification schemes
- ◆ Test mode for verification of Recognition performance prior to deployment
- ◆ Easy set-up of multiple check mark fields and multi-page documents



### Usage

**For set-up of data capture areas and parameters for Recognition**

Input: Document images (TIFF, JPEG, BMP)  
Output: Recognition parameter file

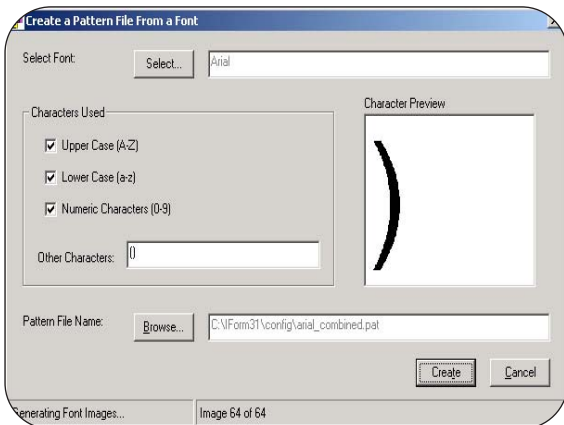
### Platforms

Kofax Ascent Capture  
Captive InputAcce/  
FileNET Panagon Capture  
Microsoft Windows NT/2000/XP

## RECOGNITION TRAINER

### Features & Benefits

- ◆ Wizard-type interface for step-by-step help in generating recognition classifiers
- ◆ One step training option direct from Windows
- ◆ Mass-verification of training data



### Usage

**For addition of new machine print typefaces to Recognition**

**For addition of new character sets to Recognition**

**For tuning of Recognition to a particular document set**

Input: Document images (TIFF, JPEG, BMP)  
Output: Recognition network file

### Platforms

Kofax Ascent Capture  
Captive InputAcce/  
FileNET Panagon Capture  
Microsoft Windows NT/2000/XP