BARCODE RECOGNITION ENGINE (BRE)

The quick way to classify documents

Supported 1-D Barcodes

- Code 11
- Code 39
- Code 93
- Code 128
- 2 of 5 Interleaved
- Codabar
- Patch Code
- EAN 8
- EAN 13
- UPC A
- UPC E
- Add 2
- Add 5
- PostNet

Supported 2-D Barcodes

- PDF417
- Data Matrix
- QR Code

Supported O/S

- Windows 7
- Server 2003
- Server 2008

Scanning paper documents can be a tricky process and companies are often frightened by the investment in the capture software, scanners and associated training.

Document Genetics recognised the need for a simple solution to enable any department in a business to easily scan their documents into their document management archive (e.g. infoRouter, Alchemy, SharePoint etc) using existing MFPs (digital copiers).

The Document Genetics Barcode Recognition Engine (BRE) is a highly accurate and powerful software module which recognizes 1-D and 2-D barcodes from documents and digital images.

Using the BRE, it is easy to collect barcoded documents from multiple scanners or digital copiers, recognise the contents of the barcode, then publish to a workflow or document management system.

The following image formats are supported: BMP, TIF, JPG, PNG and multipage TIF and PDF. The unique and fast barcode recognition algorithm searches for 1 or more barcodes in any position and orientation from your images.

Barcode Reader returns the number of barcodes found and for each barcode can record the following:

- Barcode string
- Barcode type
- Barcode orientation
- Barcode location (start/stop bars coordinates)
- Page number (for multipage TIFF)

Sample output file from the BRE shown below:

```
HP620-JHY
25/08/2010 14:43:48
Input-1
C:\DG BRE\Archive\file\0810-25-144348-0000006F.TIF
C:\DG BRE\Output\Files\0000006F.TIF

Page|Barcode Contents
1|LF009363||[Type] Code39
```

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Document Genetics are a UK company providing a comprehensive range of document management solutions. We focus on improving document automation, workflow and collaboration within our client organisations, and our range of innovative solutions and specialist services help to save time and money by processing documents and data more efficiently.
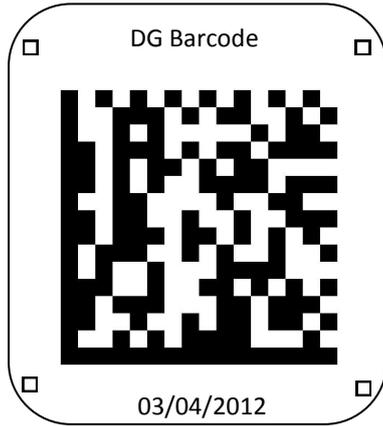
Capture Data from ERP Systems and Print 1-D & 2-D Barcodes

Main Features

- Print 1 or 2 D labels
- Capture data from virtually any MS Windows applications

- Customise drop down lists and fields
- Encode up to 100 characters of meta data in the label
- Simple to install
- Easy to use
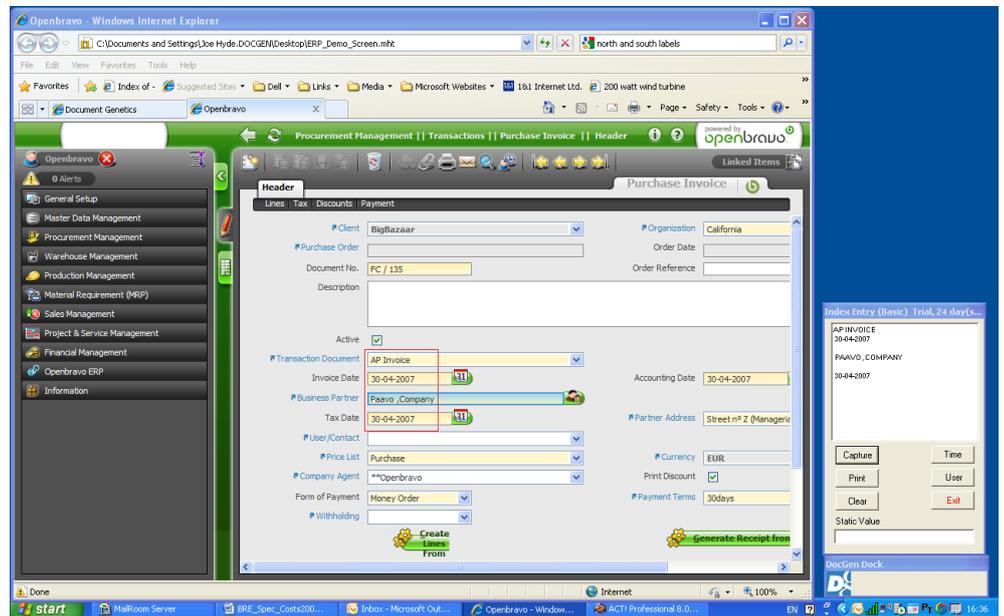- Works with most Zebra label printers

Supported O/S

- Windows 7

DG Barcode

03/04/2012

The BRE Label Client allows a PC user to capture data from virtually any MS Windows application (e.g. an ERP or CRM system) and print a 2-D barcode label containing this information. Up to 100 characters of information can be encoded into the barcode label.

The label can then be stuck to a document to be scanned and processed. Once scanned, the BRE software reads the information in the barcode and makes it available to a backend document management system (e.g. infoRouter, Alchemy, SharePoint etc) or a workflow process (e.g. a purchase invoice approval process).

Screenshot below shows the BRE Label Client capturing four fields of data from an ERP system:

Interested in our BRE software?

Call us now on 0844 557 6430 and we will be happy to demonstrate it.

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