

eVo Barcode Recognition Server










U.S. PASSPORT RENEWAL APPLICANT
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 Attention: Read WARNING on page 1 of this application.
 Please select the document(s) for which you are applying:
 U.S. Passport Book U.S. Passport Card
 The U.S. passport card is not valid for international air travel. For more information, visit www.dhs.gov/passportcard.
 28 Page Book (Standard) 52 Page Book (Enhanced)
 Note: The 52 page option is for those who frequently travel abroad during the year for applicants who have previously required the addition of visa pages.

1. Name Last: SMITH
 First: ROBERT
 2. Date of Birth (mm/dd/yyyy): 07 04 1976 3. Sex: M X F 4. Place of Birth: NEW
 5. Social Security Number: 123 45 6789 6. Email Address: PASSPORT@EXAMPLE.COM
 8. Mailing Address: Line 1: Street/RFD#, P.O. Box, or URB. 123 MAIN ST
 Address Line 2: Please include Apartment, Condo, Suite, Unit, Building

865052 

Loc: RM03 PrtDt: 23/7/18 PrtTime: 16:07
 Qty: 0055
 Description: Honey Roast Peanut
 Item Code: 0049496
 Item Name: 06-AUG-18 Item Number: 38616505

 (02)05000197205967 (1)051115 (1)0000000000000000

 (00)350001685386165052

Automatic extraction of barcode data

Click arrow to turn page



What is a barcode?

Barcodes are an optical representation of machine readable data – they are now routinely used in all walks of life from identifying products on our supermarket shelves, tracking patients in hospitals, providing links to websites, or classifying documents and application forms.



Why use barcodes on a document

Scanning documents into a document management system, or workflow process can be a time consuming and repetitive task. To speed this up and provide reliable indexing, barcodes are often used to provide information about the document, or the record it relates to. A barcode on the front page of a document can also be used to split multiple pages in a document pack into discrete documents.



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28 Page Book (Standard) 52 Page Book (Frequent Traveler)

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1. Name Last
SMITH

First
ROBERT

2. Date of Birth (mm/dd/yyyy) 3. Sex 4. Place of Birth (Country)
07 04 1976 M F **NEW ZEALAND**

5. Social Security Number 6. Email Address
123 45 6789 **PASSPORT@EXAMPLE.COM**

8. Mailing Address: Line 1: Street/RFD#, P.O. Box, or URB.
123 MAIN ST

Address Line 2: Clearly Label Apartment, Company, Suite, Unit, Building

Barcode used to identify a record



Separator Page



Why the need?

Scanning software with the capability to read a barcode from an image can be expensive and linked to a restrictive dongle, or yearly document volume.

The eVo Barcode Recognition Server simply processes an image and returns the values of the barcode it finds – it can then decide what to do with document and data. There is no limitation on the volume of images it will process, or the number of watch-folders, MFPs, or scanners it will collect output from. Images containing multiple documents can also be split based on the presence of a barcode. The following image types are supported: pdf, bmp, jpg, jpeg, png, tif, tiff, gif, ico.



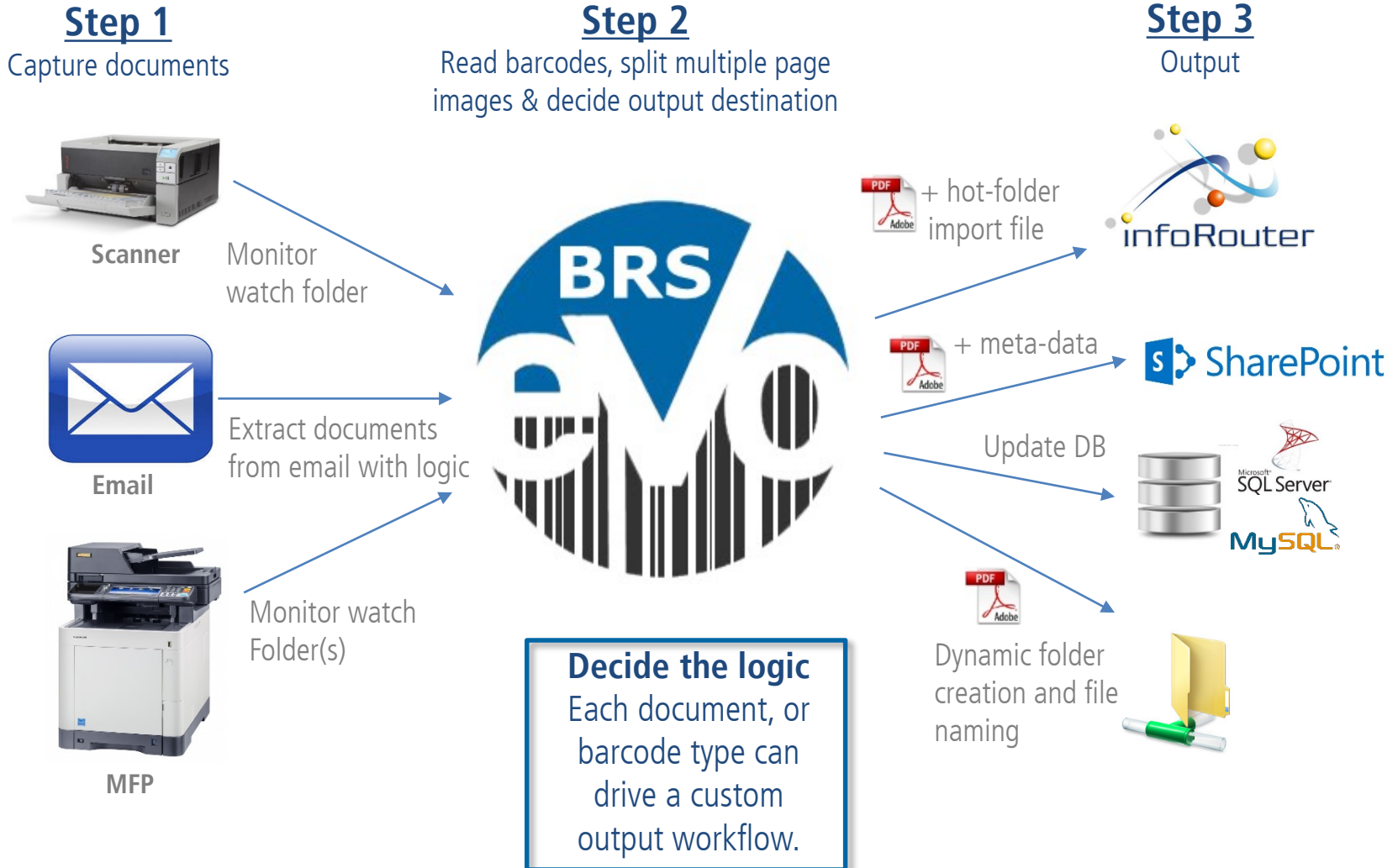
```
10011000101001101
11100011100110001
1000011001111
100110001001111
111011110011000
1010011001001111
```



Useful data



Flexibility to cope with your application



Total Flexibility

The engine behind the eVo Barcode Recognition Server is the proven [Formate eVo software](#). As well as specific built-in features, it has its own scripting language similar to VB.Net which allows customised solutions to be easily built.

The language offers support for advanced print manipulation, XML input and output, email sending and receiving, creation and editing of PDFs, text file handling and filesystem operations such as deleting, copying or moving files, the ability to read from and write to databases, and to work with spreadsheets.

Formate eVo also has a number of standard output connectors (e.g. infoRouter, MS SharePoint) and API interfaces (e.g. Fedex, AWS or infoForms). See page 8 & 9 for a full list of Formate eVo modules/connectors.

Whatever your barcode reading application, we're confident the eVo server can handle it.



What 1D barcodes will read?

Code	Notes
Code 11 barcode	Code 11 barcode
CODE32	Code 32 (also known as Base 32, Pharma 32/39 and Italian Pharmacode)
CODE39	Code 39 barcode
CODE93	Code 93 barcode
CODE128	Code 128 barcode
CODABAR	Codabar barcode
EAN5	EAN5 barcode
EAN8	EAN8 barcode
EAN13	EAN13 barcode
I2OF5	Interleaved 2 of 5 barcode
PATCH_CODE	Patch code barcode
PHARMACODE	Pharma code barcode
MSI	MSI barcode
PLUS2	Plus2 (2-digit supplementals assoc. with EAN and UPC)
PLUS5	Plus5 (5-digit supplementals assoc. with EAN and UPC)
POSTNET	Postnet barcode
UPCA	UPC-A barcode
UPCB	UPC-B barcode
UPCE	UPC-E barcode



What 2D barcodes will read?

Code	Notes
DATAMATRIX	DataMatrix 2D Barcode
INTELLIMAIL	USPS Intelligent Mail barcode
PDF417	PDF417 2D Barcode
QRCODE	QR Code 2D Barcode



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Formate eVo Modules

Formate eVo Modules – in addition to standard Formate eVo functionality, the following modules are available:

- **Barcode Creation** – create barcodes on document output (e.g. delivery note)
- **Barcode Reading** – read barcode data from images (pdf, jpg, bmp etc)
- **MS Excel** – read, write to, and create spreadsheets
- **MS Word** - read, write to, and create Word documents
- **Network Services** – ability to balance load across multiple Formate eVo servers
- **PDF Creation** – create PDF documents
- **PDF Editing** – PDF manipulation (text extract, add pages, insert images etc.)
- **PDF Processing** – reliable PDF printing and XPS to PDF conversion
- **SharePoint** – read and write documents to MS SharePoint
- **XML** – parse XML data and create XML output



Formate eVo Web Service Connectors

Formate eVo Web Service Connectors – in addition to standard Formate eVo functionality, the following web service connectors are available:

- **FedEx Track V14** – interact with the FedEx web services API
- **infoForms** – interact with the infoForms mobile data capture solution
- **AWS_S3** – read and write data to Amazon cloud Storage (S3 buckets)



If you need more information on the eVo Barcode Recognition Server, please contact Document Genetics. We'll be happy to answer any questions, or provide a detailed demo. 30 day trial software is also available on request.

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