



# **Intelligent Scanning Solution**

**iScan©**

# Innovative Solution

With more demanding load on data entry and personalization requirements for data processing bureaus, high end systems and technology based solutions have become a must. The need for highly skilled manpower and accurate data capture has also increased, especially the capturing of images present on standard forms is more time consuming.

To meet these challenges iScan© acts as an intelligent approach in making the work flexible and accurate.

iScan© is a unique solution that provides an easy to use form printing application and versatile solution to meet the demands of increasing data capture combined with intelligent referencing for data base storage and retrieval. The solution comprises of iFormPrinter© and iScan© software.

## Solution Overview

- The iScan solution primarily aims for bureau who offer ID card based services for a group of public like corporate, government, healthcare, loyalty, university etc.
- The iForm printer© is used to print the application forms (with barcodes) and send them to the customers.
- The image\photograph along with the appropriate details of the concerned person is send back to the bureau.
- Using iScan© the photos are scanned and with the help of barcode recognition technology the reference number is obtained from the barcode and send to the database.

# iFormPrinter©

iFormPrinter© is used in printing the application forms (with barcode). Printed forms are sent to the customers for filling of application forms. The flexible menus and toolbar icons of iFormPrinter allows to design and print forms with barcode.

## Features

- Create\Save form printing template.
- Define, move, copy & paste form objects wherever needed.
- Insert static objects like texts & barcodes to form printing template.
- Dynamic merging of data from database onto the form using Variable text and variable barcode objects.
- Insert\Edit OLE objects such as bit map image, Microsoft excel chart etc to the form.
- Sequence barcode to facilitate continuous form printing with the given start and end reference number.
- Support printing of Code 39&Code 128 barcode types.
- Select and print arrange or records as form from database.

The screenshot displays the iFormPrinter application window titled "iFormPrinter Application - [Identity\_Card\_Form]". The window contains a menu bar (File, Edit, View, Draw, Object, Select, Operations, Window, Help) and a toolbar with various icons. The main form area is titled "IDENTITY CARD APPLICATION FORM" and includes the following fields and elements:

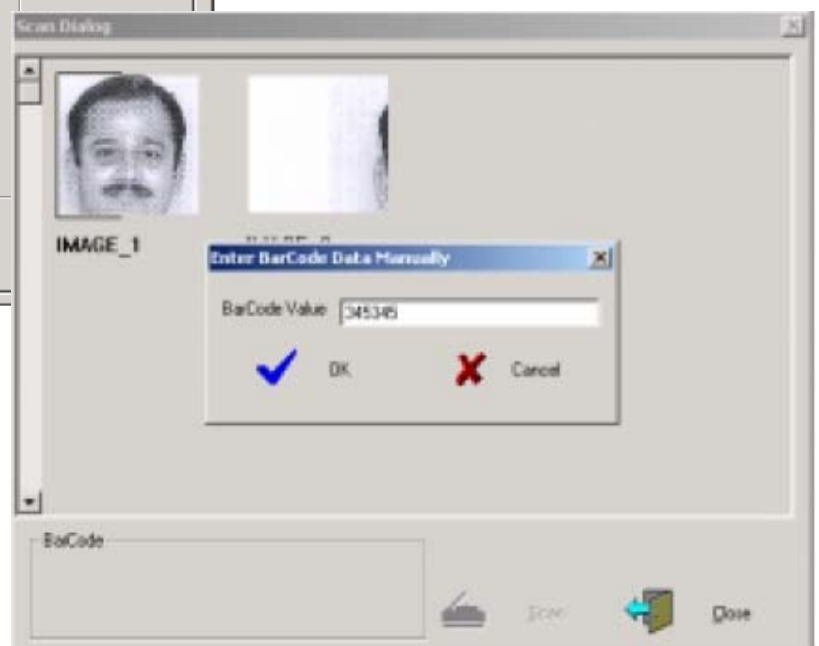
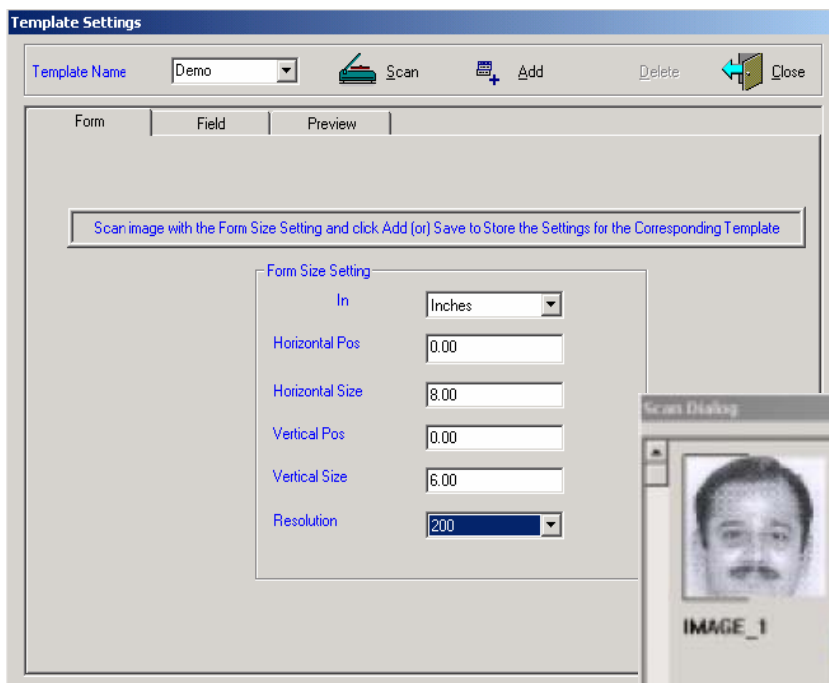
- Type of Application :** NEW /REPLACEMENT
- NAME OF THE EMPLOYEE :** \_\_\_\_\_
- DATE OF JOINING :** \_\_\_\_\_
- EMPLOYEE NUMBER :** \_\_\_\_\_
- RESIDENCE ADDRESS :** \_\_\_\_\_
- DATE OF ISSUING THE CARD TO EMPLOYEE :** \_\_\_\_\_
- PHOTO :** [Empty box]
- SIGNATURE OF THE EMPLOYEE :** [Empty box]
- SIGNATURE OF HR/DEPT :** [Empty box]
- Barcode:** A standard 1D barcode is located at the bottom right of the form.

The status bar at the bottom of the window shows "Ready" on the left and "NUM" on the right.

# iScan©

iScan© facilitates uninterrupted capturing of images present on standard forms using a TWAIN compliant scanner. Images thus captured get stored into the database with appropriate reference keys got by intelligent barcode recognition technology.

iScan© consists of menus to create templates to perform scanning operation, to set on/off of cropping to the scanned images, color correction to the scanned images etc.



## Features

- Application access security through login\password.
- Administrator users for access level privileges.
- Set a template with scan form parameters where one can define the areas to be scanned and file locations for their storage.
- Scan multiple images from the same form.
- Scan a form based on template selection and provide a reference for storing in database.
- Capture form reference, which is available as a barcode on the form, automatically while scanning.
- Support recognition of code39 and code 128 barcode types.
- Adjust attributes (brightness, contrast, color correction) of images while scanning.
- Store the scanned images as files (either as jpg, bmp or pcx format) and store the files paths in the database automatically or store the image as a BLOB in the database.



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