

IDSoft is a comprehensive ID-card creation tool used to create personnel identity cards as per the organization's standard. It provides user friendly environment to design the card layout with wide range of options, it facilitates various tools to add the shapes and dynamic fields on the card. The Database Management Modules facilitates user to link to data source to retrieve the personnel details and print on to the card, in the format it is designed.



IDSoft Modules

Design

Compiling various design tools used to create professional card design, such as

- Shapes - Line, Rectangle, Ellipse
- Fields-Text, Linear Barcode/QR code, Image, Date/Time etc.

Data

Data module facilitates to link to data source such as MS Excel, MS Access, MS SQL, Oracle and OLEDB to retrieve the card holder information and print it on the card. The data resource can be either Internal or External.

- **Internal:** Id Soft creates MS Access database in project folder automatically with respect to the variable fields placed in card design.
- **External:** It allows establishing connection with existing database and facilitates to link fields with associated dynamic fields in card design.

Print

It allows user to print the selected card holder details in the format it is designed, either single or bunch of cards in one click.

The options like print orientation, card size, printable and nonprintable fields, encode magnetic stripe and smart card are derived from design template and applied while performing the print operation. Auto Print option enables to print the cards in background process, and helps to integrate with third party application.

System

It also provides an interface to configure application settings as data row height, Client, Encoder, Reader, Port number and default printer.

Comprehensive audit trial report gives the list of cards printed with complete details.

IDSoft Features

Uniform positioning of the property tab helps user to quickly navigate among the various property settings in GUI.

Ribbon View provides an easy access to reach the fields which are used very often in Design.

Special fields' concept enhances filter options and keeps track of printed or non-printed cards on external database along with additional information such as print date, printed user and remarks etc.

Photo Capture supports all WIA compatible devices and *Canon digital camera* to capture the photograph, embedded preview window reduces the time and other significances while capture the photo. Canon camera tested models are 1100D, 1200D, EOS 7D.

Batch Print supports one or more cards to be printed in one click. It validates records to check for card printed status and assists user to take necessary actions.

Auto Print provides an effective way of integrating ID card printing system with the third-party application in easy steps and less effort.

EIDSoft as a module in IDSoft which reads data from Card and display on the card and insert and update to database.

Approve Module is where supervisor can approve the records for Printing which are for printing request.

Magnetic stripe card encoding supports ISO standard format with an easy step to link all three tracks of magnetic stripe cards with the data fields to be encoded.

A **User-friendly** interface offers easy steps to establish the connection between external databases and to link the necessary fields dynamically.

Scanner option to scan photo and save as image.

Smart Card Encoding gives Quick and Easy steps to configure PC/SC, synchronous and contactless smart card encoding.

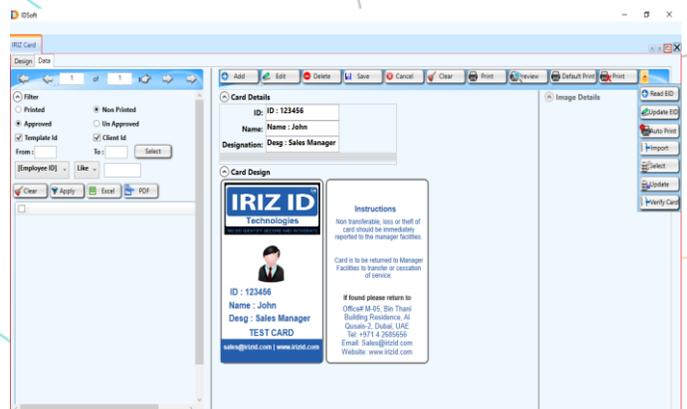
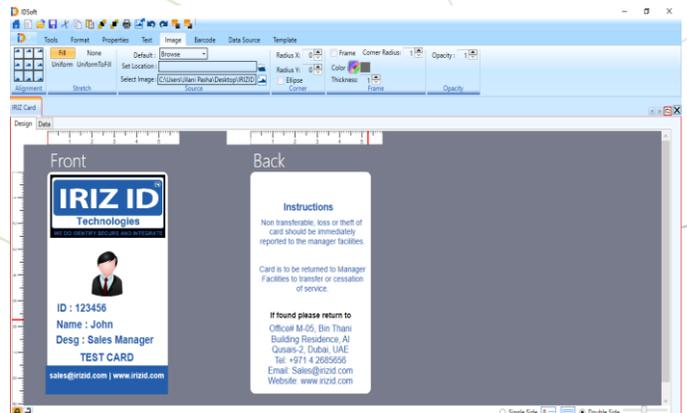
- Mifare-Classic 1K, 2K and 4K
- HID iClass 2Kbit and 16Kbit
- SLE-5528 contact memory card

Signature Capture allows capturing the signature dynamically during enrolling process.

Supporting devices are

- Electronic Signature System - ePad-inc
- Wacom STU300 signature pad
- Privilege to integrate with third party devices on project mandate.

Automatic creation of internal database reduces the burden of creating the database and tables manually.



System Specification

IDSoft is developed in C# .NET, it uses Microsoft Access as internal database and it has a capability to link to OLEDB supported external database. The ID Soft application needs to be registered online with the cd key supplied by the vendor. It is PC based license, each key works for one PC.

| Prerequisites | Recommended | Minimum |
|---------------|--|------------|
| Processor | 4 GHZ | 2 GHZ |
| RAM | 4 GB | 2 GB |
| OS | WIN-7 or Higher (32/64 bit) | WIN-XP-SP3 |
| Database | MS Excel, MS Access, My SQL, SQL Server & Oracle | MS Excel |
| Disc Space | 500-GB | 40-GB |

Versions of IDSoft

| Features | BASIC | CLASSIC | PROFESSIONAL |
|---------------------|-----------|-----------------|--------------|
| Design Tool | ☑ | ☑ | ☑ |
| Internal DB | MS Access | MS Access | MS Access |
| External DB | ☒ | MS Access/Excel | ODBC/OLEDB |
| Photo Capture | ☑ | ☑ | ☑ |
| Signature Capture | ☒ | ☒ | ☑ |
| Dual Side Print | ☑ | ☑ | ☑ |
| Batch Print | ☒ | ☑ | ☑ |
| Auto Print | ☒ | ☒ | ☑ |
| QR Encoding | ☑ | ☑ | ☑ |
| Magnetic Stripe | ☒ | ☑ | ☑ |
| Mifare Encoding | ☒ | ☒ | ☑ |
| Smart Card Encoding | ☒ | ☒ | ☑ |
| UV Encoding | ☒ | ☒ | ☑ |
| Special Fields | ☒ | ☒ | ☑ |
| Integration | ☒ | ☒ | ☑ |
| Audit Trail Report | ☑ | ☑ | ☑ |



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