



**PREMIERE
ID CARD
PRODUCTION
SOFTWARE**

Software Overview

Every Client Partner has specific requirements that must be met before issuing identification cards to its students, faculty, employees, tenants, vendors or other visitors. Some rules are government mandated but many have been developed as part of your local security plan. Val-ID is designed to provide the internal control necessary for ID card offices to realize the best possible security. As a progressive and comprehensive tool for achieving a secure environment, Val-ID is designed to prevent arbitrary or accidental circumvention of security procedures.

Architect Overview

Val-ID is programmed in the latest technology, Microsoft Visual Studio utilizing C#, the principal language of .NET. The database platform is Microsoft SQL Server 2000 or Microsoft SQL Server 2005 and it is designed to operate using Microsoft XP operating system. Val-ID uses standard Windows GUI components, is designed to run in a client-server environment, and is an inherently secure network able application.

User Security

Val-ID allows security administration personnel to grant specific staff members access to the system using User IDs and Passwords unique to that person. With this application, security administration personnel can quickly grant a user access to the entire system or only to those functions of the system (Add, Modify, and Delete) that a particular user needs. Additionally, Security policies can be setup to allow for field level access or Security Groups can be con-figured through the GUI and stored in the database for standard users (Operator, Issuer, Security Guard, etc.).

Navigating the System

The main application window is the primary means by which information is entered into the system. There are five areas of the window used to enter, verify or navigate information: the main menu bar, the toolbar, the image capture or display area, the current record area, and the record details area. The main menu bar allows you to access many of the functions provided by other aspects of the user interface, including creating records and system administration functions. The toolbar consists of clickable buttons that allow you to navigate through a record set or search for cardholders in the system based on specific search criteria. The image capture area allows you to capture a card applicant or cardholder's image at any point in the card issuance process. The Current Record area displays the details of the person who is currently selected for viewing or editing. The Record Details area is a tabbed section located in the lower portion of the window below the current record area. This area contains the majority of the information about the cardholder i.e. personal information, card information and status, etc.

Maintenance Tables

Val-ID allows specific users with Table Administration privileges the ability to easily modify table values in the database from the main menu bar of the application. This allows for the update of values such as address types, badge status, badge types, email types, etc. that a standard user is allowed to select from when performing data entry. Audit and history information is also available through Table Administration function.

With the Val-ID you can:

- Design and print identification cards.
- Verify cardholder information.
- Add detailed card holder information.
- Perform simple or powerful advanced searches.
- Store card type layout and print information.
- Configure user access levels and security permissions.



DesignID

DesignID is much like using any graphics or flowcharting program such as Microsoft Visio. With the designer, you can place objects on the layout area. These objects correspond to the types of data that you want displayed on a card, such as a logo, a cardholder's name, or an image. Each of the objects placed on the layout area has properties that can be defined to make the object display the correct information or in the correct manner (WYSIWYG). The card layout describes the appearance of an ID card side. In a graphical interface, a variety of layout objects such as images, logos, texts, signatures, etc. are provided to design the appearance of an ID card side. Additionally, DesignID comes with a suite of tools that allow for the implementation of most standard barcodes, magnetic stripe encoding, proximity objects, as well as local and global expressions.

GENERAL SYSTEM FEATURES

Runs on Microsoft Windows XP
Runs on Microsoft Windows 2000
Operates across any standard Microsoft Windows PC network installations
Designed for multi-user network installations
Long File Name Support
Based on Microsoft .Net Framework
Operates with Microsoft SQL Server 2000 & 2005
Operates with other ODBC 3.0/3.1 compliant databases
Includes database normalization and indexing
Supports most Windows compatible printers
Prints on both sides of the card (duplex printing)
Supports CMYK process color model
Supports printers that merge CMY and K pages at print time
Industry standard and custom page sizes
Landscape and portrait printing
WYSIWYG ("What You See Is What You Get") print previewing
Applications are protected by hardware key to prevent data theft
Application is password-protected to prevent unauthorized access
Application errors are logged, for customer support purposes
Online help
PDF manual and Getting Started Guide

BADGE EDITING FEATURES

General Features

Duplex card designing capabilities, with different page orientations
All design objects can be rotated by 90 degrees

Card Background Bitmap Images

Imports all popular Windows image file formats
Imports images using original compression method
Images can be cropped during import procedure

Drawing Objects

Lines/rectangles/round rectangles/ellipses/polygons
Static text objects (headlines, labels, other non-changeable text items)
Dynamic text objects (database field information, database expressions)
Dynamic text and image objects with user definable tag label
Image key lines with automatic aspect ratio maintenance
Bar codes, with user-definable properties and values
Bitmap images with aspect ratio control
All objects can be shifted to the K (black resin) plane. Printer dependent.

Object Attributes

User-defined object attributes (line weights, fill/text colors, etc.)
Colors can be selected from both standard or custom palettes
Monochrome images can be printed in colors other than black

Object Properties

All design objects can be printed according to certain user-defined conditions
Images and bitmap objects can be "ghosted"

Text

Full True Type and ATM font support
Supports standard type styles (bold, italic, underscore, etc.)
Horizontal and vertical justification

Bar Codes

Supports all popular bar code types
Supports Symbol® PDF417
Horizontal (left, center, right) and vertical (top, bottom) justification
Standard or custom color fills
Multiple directions (left to right, top to bottom, right to left, bottom to top)
Customizable narrow bar width ratio
Automatic human readable text (checksum)

Card Encoding

Supports layout of all three magnetic stripe tracks
Supports smart chip layout
Removal overlay for smart chip (printer dependent)

APPLICATION FEATURES

Workspace Customization

Field types include edit boxes, drop-down combo boxes, drop-down boxes, and read-only displays
All fields have customizable labels

Image Support

Images supported (1 photo, 1 signature and 1 fingerprint)
Supports most industry standard image file formats
Images saved in database
Color correction or cropping during image acquisition
Image capture from file and TWAIN

Image Editing

Adjust by example dialogs
Red eye removal dialog
Enhance dialog

Card Code Generation Methods

Manual card code entry
Automatic card code generation
Auto-combined field + increment
ISO/IEC 7812-1 numbering system

Card Statuses

Card status automatically set to "Valid" after printing
Card status can be manually changed at any time

Database Queries

Full database queries with customizable record selection and sorting parameters

Security Features

Multi-user security accounts
Different user levels (administrator/clerk/etc)
Card history and database maintenance logging
User application parameters stored in registry and database

Reporting Features

Generates reports using a third party reporting software application

SYSTEM REQUIREMENTS

Operating System

Microsoft Windows 2000 Professional
Microsoft Windows XP Professional
(Installing the latest service pack is recommended)

Web browser

Internet Explorer 6.0 or later

Processor

500 MHz Pentium processor
(1.5 GHz Pentium 4 recommended)

Memory

256 MB RAM
(1 GB RAM recommended)
200 MB local hard disk space for application files

Resolution

800 X 600 Screen resolution
(1024 X 768 recommended)

Peripherals

CD-Room drive
Available USB 2.0 port
Network interface card

Connectivity

100 Mb connection to LAN or WAN instance of Microsoft SQL Server
(1000 Mb connection recommended for large databases)

Server

Microsoft Windows 2000 Server
Microsoft Windows 2003 Server
Instance of Microsoft SQL Server 2000 or 2005

20-40 GB of Server hard disk space recommended for database files
(1 GB RAM recommended)



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