EXCHANGING SOFTWARE POSSIBILITIES

CardExchange
Professional Card and Print Manager

ExchangeIT

Multiple card design coupling | Powerful high-speed database connections | Advanced filter functionality | Simple card management | User-friendly interface

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Package and installation

	entry	premium	professional	ultimate
Setup program on CD	√	√	√	√
Multilingual (15 languages)	√	√	√	√
On-line manual	√	√	√	√
License on USB dongle	o	o	•	•

Tools and functionality

	entry	premium	professional	ultimate
WYSIWYG Card Designer	√	√	√	√
Front and back print management	√	√	√	√
Text, image, barcode 1D, RTF, Database, and graphical objects	√	√	√	√
Transparency	√	√	√	√
Shrink text to fit functionality	√	√	√	√
Style editor for flexible text formatting	√	√	√	√
Formatting of numbers, dates and boolean values	√	√	√	√
Support of all Windows fonts	√	√	√	√
Using variables and functions	√	√	√	√
Windows-based printer support	√	√	√	√
Ribbon interface (selectable, Classic or Ribbon)	√	√	√	√
User guided Step-by-Step wizard	√	√	√	√
Card front and back side preview in main window	√	√	√	√
Multiple card-layout coupling	√	√	√	√
Global counters			√	√
Batch printing	√	√	√	√
Barcode 2D, PDF		√	√	√
Support of Storage Items		√	√	√
Reporting number of printed cards per card layout		√	√	√
Add visible notes to card layout		√	√	√
Export card layouts to image files		√	√	√
Flexible acquisition of image		√	√	√
Advanced group and user login management		√	√	√
VB.NET Functionality			√	√

Photo, Signature, and Imaging

	entry	premium	professional	ultimate
Importing photos and images	√	√	√	√
Photo cropping/editing (ImageExchange)	√	√	√	√
Twain image acquisition	√	√	√	√
Exporting photos		√	√	√
Variable images		√	√	√
Image tools selectable by source		√	√	√
Advanced photo options		√	√	√
Video-for-Windows image acquisition		√	√	√
PhotoExchange® Standard (Canon camera, Logitech, DirectShow, etc)	o	o	•	√
PhotoExchange® Professional (includes automatic face recognition)	o	o	o	√

Database

	entry	premium	professional	ultimate
Internal MS Excel database templates	√	√	√	√
CSV and MS Excel file connection with live adding records (OleDB)	√	√	√	√
Automatically generate unique keys for MS Excel and CSV files	√	√	√	√
Dockable windows for database editing	√	√	√	√
Easy searching for names	√	√	√	√
Manual entry of data not available in the database	√	√	√	√
Automatic backup and recovery of metadata	√	√	√	√
Database-connection wizard	√	√	√	√
Encrypted storage of database user names and passwords		√	√	√
Internal MS Access database templates		√	√	√
MS Access database connection		√	√	√
Storing photos in the database		√	√	√
Advanced database filter functionality		√	√	√
Definition of named filter buttons		√	√	√
Advanced record sorting facilities		√	√	√
Connecting to an internal view or query		√	√	√
Database edit options (acquire /new record, etc)		√	√	√
Select values from drop-down boxes in database edit window		√	√	√
Defining whether fields in the database are editable and visible		√	√	√
Native connections to MS SQL, Oracle, DB2, MySQL, PostgreSQL, etc.			√	√
ODBC support including Caché			√	√
Multiple Database Server connections (push and pull)			√	√
Autoprint server			√	√

Magnetic Encoding

	entry	premium	professional	ultimate
Encode track 1,2 and 3	√	√	√	√

Contactless Encoding

	entry	premium	professional	ultimate
MIFARE® Classic 1K, 4K, MAD 1 and MAD 2			√	√
MIFARE DESFIRE® including EV1				√
HID Proximity Read			√	√
Encoding on External Readers				√

External Functions

	entry	premium	professional	ultimate
Coupling to external dll's with customized logic	o	o	o	√
Encoding of smart cards by means of external program	o	o	o	√
Encoding of iClass Cards by means of external program	o	o	o	√

Specifications
Windows XP with SP 2, Vista with SP2, Windows 7 (32 or 64 bit)
Internet Explorer 7 or higher
PC-bound licenses (web activation)
Dual Core, 1024 Mb (advice)
200Mb of free disk space
Microsoft .NET Framework 3.5 SP1 (included with installer)
Protected by Sentinel RMS

√ Functionality available in this edition   • Functionality available in this edition by means of modules
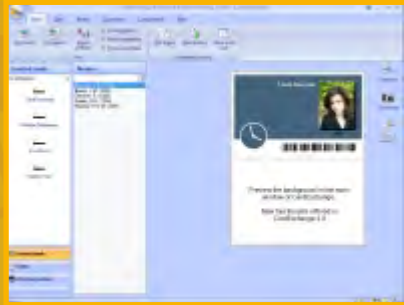
design by: variavelm.com

# Simplicity means an easy to use interface even for complex solutions.

POWERFUL SOFTWARE CAPABILITIES

CardExchange® continues to offer users the ability to manage an unlimited number of card layouts. Every card layout can have its own database connection(s), printer settings, camera settings, etc. In combination with the use of card groups, CardExchange® provides a more logical setup of the process, e.g., select the card-layout, select the cardholders name in the left column, take a picture and/or capture a signature, then print the currently selected card. Whether a user is creating database connections, configuring MIFARE® and/or DESFire®, or using External Plug In's, the user is just a couple of clicks away from producing a card. Simplicity is our main goal!

CardExchange® is available in four editions; Entry, Premium, Professional, and Ultimate. Starting with MS Excel connections in the Entry edition, the powerful Professional edition enables real database power with multiple database and native connections. The Ultimate edition closes the editions by adding contactless encoding for MIFARE® Classic, DESFire, and HID Proximity.

EASY TO USE WIZARD
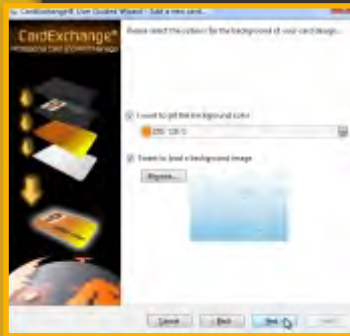
Our easy to use 11 page wizard is a tool that enables users of every level to create a card and connect to a database by walking the user through a series of questions that help simplify the process. The user can create a group or connect to an existing group, connect to an internal database, select fields from a data source that is wanted for the card, add background color or fit to card image, create a logo, create a barcode, and much more! Once the user is done using the wizard, the card is created, data source is connected, and it is ready to use. If desired a user can always edit the card to further specifications by using CardExchange® powerful features which can easily be applied to the new card.

PHOTOEXCHANGE® and PHOTOEXCHANGE® PRO
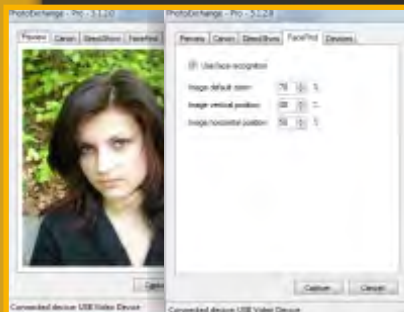
PhotoExchange® allows for enabling camera support into your CardExchange® application starting from the Entry edition. PhotoExchange® Add On product is offered in two different editions and allows users to control Canon cameras, use Logitech web cameras, or any other DirectShow supporting camera inside the CardExchange® application.
Our programmers created this functionality not as an normal Twain driver, but created an executable application. The advantage of this is that it allows the Add On to run in Windows XP compatibility mode, and therefore the Canon cameras that are not supported for Vista, become available in Vista and Windows 7.
Based on live video, this new Add On enables users the ability to take high quality photos in a quick, easy to use and stable way. In combination with the face recognition edition of PhotoExchange® Pro, no cropping or editing of photos is needed.
In the Professional edition, the PhotoExchange® Standard functionality is already available. Our Ultimate edition includes the PhotoExchange® Pro functionality.

## ADVANCED FILTER CAPABILITY
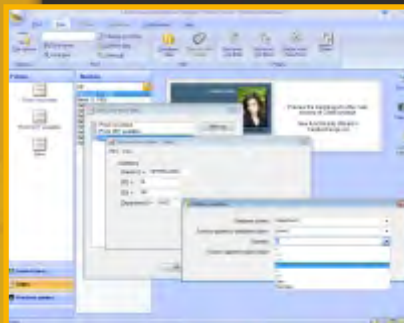
CardExchange® offers the utmost functionality to search and filter data from internal or connected databases. Within the Entry edition, users have powerful search functionality in the auto filling name list. Just start typing the name and the name list will show the results directly.
Within the Premium version, CardExchange® offers our advanced 3 level filter technology. With these 3 levels users can protect data that users don't want to show to the end user, configure filter buttons for database queries, and search live for data within the connected database.
This powerful and flexible filter technology ensures that CardExchange® can provide configured conformity with requirements in respect to the performance and protection of data!

GROUP AND USER MANAGEMENT

With CardExchange® Premium edition we offer enhanced group and user management. It allows creation of groups, adding users to group(s), and setting policies for the group and/or the user.In combination with a logon and logoff system, the administrator can protect in detail what the user and/or the group is able to do with CardExchange®. Creating group policies will ensure that end users are not doing things they are not allowed to do.
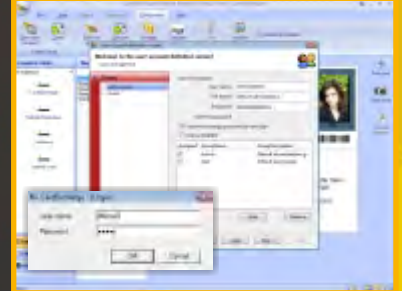
CONTACTLESS POWER ON DEMAND

With the CardExchange® Ultimate edition users have access to all the leading technology for contactless encoding. The Ultimate edition supports the entire MIFARE® Classic range (1K, 4K, MAD 1 and MAD 2), including powerful functionality to search for free sectors within the MIFARE® card. Also MIFARE® DESFire including EV1 is available with this Ultimate edition. It allows for creation of applications and adding files in a very easy and intuitive way. Reading and writing, or write only or read only, are all supported with this powerful module. The contactless module also includes read functionality for HID Proximity cards. All this encoding functionality, in combination with our External Plug In's, offers unlimited possibilities.
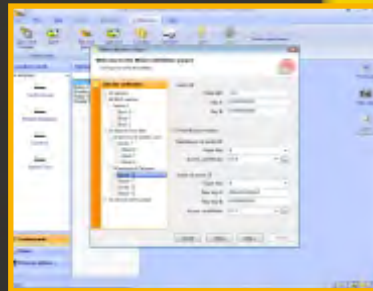
PROJECT SOLUTIONS WITH EXTERNAL PLUG IN'S

With the CardExchange® External Plug In's, we offer the most flexible and powerful platform for the implementation of client-specific logic. Any non-existing functionality or third party software development kits (SDK) can be embedded and can be called from CardExchange®.
External Plug In's are very easy to implement and have no limitations to the type of functionality that can be incorporated in CardExchange®.
The External Plug In's make sure that functionality is not limited to the highest software edition, and it enables users to enter project markets where standard solutions will limit partner offerings.
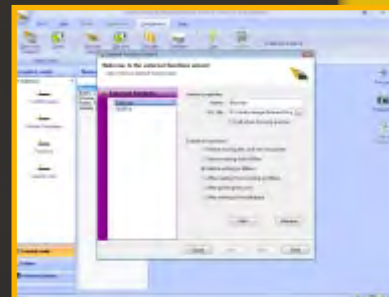
INTERNAL OR EXTERNAL DATABASE

CardExchange® Entry is the first edition that supports use of preloaded MS Excel application files or connections to an external data source. Connection to the internal or external data source can also be achieved. Users can maintain MS Excel files with CardExchange® because of an updatable connection with the file. This means CardExchange® can insert and update new records.
In the Premium edition, users are also able to connect to a preloaded MS Access file or to an external data source. Professional edition allows users to make direct connections to database servers; i.e, MS SQL Server, Oracle, MySQL, DB2, Ingris, and PostgreSQL. For other databases, the Professional edition supports connections via ODBC that can be set up in seconds!
Aside from the powerful database connections, the Professional edition also enables connections to unlimited database servers via our Multiple Database Server connection. This allows the ability to exchange information between all connected database(s) based on an embedded push and pull technology.
Last but not least, the Professional edition supports CardExchange® Auto Print Server, which offers functionality that will automate your print process by letting CardExchange® monitor the connected database(s).
100% flexibility is guaranteed!

EXCHANGE*IT*

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