



# EXCHANGING SOFTWARE POSSIBILITIES



Package and installation	designer	entry	premium	ultimate
Setup program on CD	✓	✓	✓	✓
Multilingual (15 languages)	✓	✓	✓	✓
On-line manual	✓	✓	✓	✓
License on USB Dongle Option	✓	•	•	•

Tools and functionality	designer	entry	premium	ultimate
WYSIWYG Card Designer	✓	✓	✓	✓
Front and back print management	✓	✓	✓	✓
Text, image, barcode, RTF, database and graphical objects	✓	✓	✓	✓
Transparency	✓	✓	✓	✓
Shrink text to fit functionality	✓	✓	✓	✓
Easy object selection in object tree view	✓	✓	✓	✓
Style editor for flexible text formatting	✓	✓	✓	✓
Formatting of numbers, dates and boolean values	✓	✓	✓	✓
Support of all Windows fonts	✓	✓	✓	✓
Importing photos and images	✓	✓	✓	✓
Automatically resizing of large images	✓	✓	✓	✓
Photo cropping/editing (ImageExchange)	✓	✓	✓	✓
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	✓	✓	✓	✓
Twain image acquisition	✓	✓	✓	✓
Exporting photos	✓	✓	✓	✓
Batch printing	✓	✓	✓	✓
Variable images	✓	✓	✓	✓
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	✓	✓	✓	✓
Image tools selectable by source	✓	✓	✓	✓
Advanced photo options	✓	✓	✓	✓
Copying and pasting photos	✓	✓	✓	✓
Video-for-Windows image acquisition	✓	✓	✓	✓
Shortcut bar for direct printing to multiple Windows printers	✓	✓	✓	✓
Advanced group and user login management	✓	✓	✓	✓
Support of CardExchange modules	✓	✓	✓	✓
VB.NET Functionality	✓	✓	✓	✓

Database	designer	entry	premium	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	✓	✓	✓	✓
Global counters	✓	✓	✓	✓
Setting steps in Global counter	✓	✓	✓	✓
Storing photos as point to image	✓	✓	✓	✓
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 connection	✓	✓	✓	✓
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	✓	•	•	•
Caché database support via ODBC	✓	•	•	•
Multiple Database Server connections (push and pull)	✓	•	•	•
Autoprint server	✓	•	•	•

designer	entry	premium	ultimate
•	•	•	•
•	•	•	•

**Add On's Imaging**

PhotoExchange® Standard (Canon camera, Logitech, DirectShow, etc.)	✓	✓	✓	✓
PhotoExchange® Professional (Includes automatic face recognition)	✓	✓	✓	✓

designer	entry	premium	ultimate
✓	✓	✓	✓

**Magnetic Encoding**

Encode track 1,2 and 3	✓	✓	✓	✓
------------------------	---	---	---	---

designer	entry	premium	ultimate
•	•	•	•
•	•	•	•
•	•	•	•

**Contactless Encoding**

MIFARE® Classic 1K, 4K, MAD 1 and MAD 2	✓	✓	✓	✓
MIFARE DESFIRE® including EV 1	✓	✓	✓	✓
HID Proximity Read	✓	✓	✓	✓
Encoding of smart cards by means of external program	✓	✓	✓	✓

designer	entry	premium	ultimate
•	•	•	•
•	•	•	•
•	•	•	•

**External Functions**

Coupling to external dll's with customized logic	✓	✓	✓	✓
Encoding of smart cards by means of external program	✓	✓	✓	✓
Encoding of iClass Cards by means of external program	✓	✓	✓	✓

designer	entry	premium	ultimate
✓	✓	✓	✓
✓	✓	✓	✓

**Available Add On's**

PhotoExchange® Standard	✓	✓	✓	✓
PhotoExchange® Professional	✓	✓	✓	✓

**Available Modules**

Databases	✓
Contactless encoding	✓
PhotoExchange® Automatic face recognition and cropping	✓

\*\* New Modules are constantly added. For more information please check our website \*\*

**Specifications**

Windows XP with SP 2, Vista, Windows 7	✓
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 (included with installer)	✓
Protected by SafeSign	✓

Brought to you by:

ExchangeIT Headquarters:  
Amsterdam (The Netherlands)  
O: +31 (0)172 520 548  
F: +31 (0)172 413 746  
E: Sales@ExchangeIT24.com

ExchangeIT US Sales office:  
San Francisco (West Coast)  
O: (925) 208 1795  
F: (925) 736 3648  
E: SalesUS@ExchangeIT24.com

W: www.ExchangeIT24.com  
F: www.CardExchange.eu



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



# 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; Designer, Entry, Premium, and Ultimate. The Ultimate edition is the full blown version of CardExchange® which contains all functionality available. When all functionality from the Ultimate edition is not needed, users can add functionality with add on modules.

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.



## 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 a 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.



## 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!



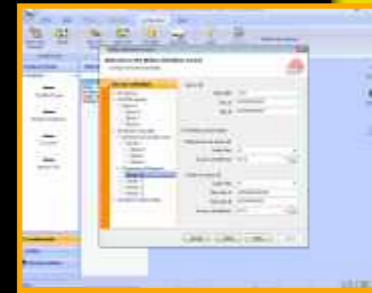
## GROUP AND USER MANAGEMENT

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® Contactless module users have access to all the leading technology for contactless encoding. The contactless module 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 is available with this module. 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.

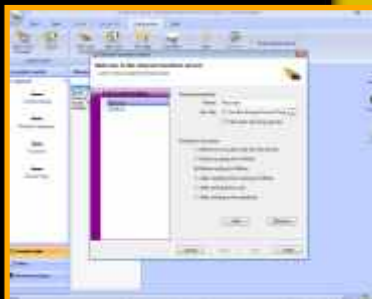


## PROJECT SOLUTIONS WITH EXTERNAL PLUG IN'S

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. The Premium edition can also be used in combination with our powerful database module. The database module allows users to make direct connections to database servers; i.e, MS SQL Server, Oracle, MySQL, DB2, Ingres, and PostgreSQL. For other databases, this database module supports connections via ODBC that can be set up in seconds!

Aside from the powerful database connections, this module also enables connection 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 database module 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!

