
**Datacard[®]
IDCentre[™] Identification Software and
Datacard[®] Capture Pointe[™] Solutions
Specifications**

Version 1.3

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Datacard® IDCentre™ Identification Software v6.5

Datacard® IDCentre™ Gold identification software provides users with powerful options for sophisticated smart card-based programs. This includes everything needed to design and produce identification cards and reports and offers a complete, turnkey solution for applications requiring advanced features and security. This version of the software edition has several features which enhance the user password security experience and advanced search capabilities. Included are the education support package for SASI and Lifetouch plug-ins to import and export photos along with the Smart Card Application Manager software.

Datacard® IDCentre™ Silver identification software offers more features for flexible and secure design and production for your ID program. You can quickly and easily design cards, reports, and production forms, enter and retrieve data and connect to a variety of image capture devices and industry-leading card printers. IDCentre Silver software delivers everything you need to move your card program, including smart cards, to a higher level. This version of the software edition has several features which makes it powerful identification software in the industry. Included in this edition is Proximity plug-in for smart card applications.

Datacard® IDCentre™ Bronze identification software provides a complete, foundation package for start-up ID programs. It provides the core set of tools for creating card and report designs, creating production forms, entering and retrieving data, capturing images and sending jobs to card and paper printers. It is designed for seamless migration with other IDCentre software packages.

Datacard® IDCentre™ Lite identification software is our low end edition of IDCentre software. IDCentre Lite software has the same look and feel of higher editions of IDCentre software products. This edition provides a very simple way to design and produce ID programs. It provides the core set of tools to design cards and production forms, enter and retrieve data, capture images and produce cards. It is designed for seamless migration to other higher editions of IDCentre software.

Key Features

Below is a list of features that are provided with the IDCentre software applications.

Features	Gold	Silver	Bronze	Lite
Available in English – see IDCentre Software Language Pack section for full details for additional languages.	X	X	X	X
Modular design include Administrator, Designer and Production	X	X	X	X
Administrator module provides functions to set language, assign printer plug-in, configure card side, K panel printing and configure a camera.	X	X	X	X
Unicode support – Non-English character sets in data entry, storage and printing.	X	X	X	X
Enter and retrieve data from a single database table	X	X	X	X
3 rd party printer support through generic Microsoft® Windows® operating system printer driver.	X	X	X	X
Displays field name and type for selected field	X	X	X	X

Datacard® IDCentre™ Identification Software v6.5 continued

Features	Gold	Silver	Bronze	Lite
Multiple undo/redo levels	X	X	X	X
Set up variable and static text fields	X	X	X	X
Move IDCentre Designer software application field forward or back one position	X	X	X	X
Move among fields in IDCentre Designer software application with tab key	X	X	X	X
Set-up font sizing and colors	X	X	X	X
Set-up user-defined tab order	X	X	X	X
Create border for card and report photo fields	X	X	X	X
Multiple field selection and alignment	X	X	X	X
In-production capture device/card printer change	X	X	X	X
In-production image import and export (.bmp, .eps, .jpg, .pct, .pcx, .png, .psd, .tga, .tif, .wmf)	X	X	X	X
Documentation, installation, training, and technical phone support	X	X	X	X
USB license security key	X	X	X	X
Online help and reference library	X	X	X	X
Card printing with legacy printer plug-in Microsoft® Windows® operating system print driver	X	X	X	X
Data entry and retrieval	X	X	X	X
Search and retrieve personal data	X	X	X	X
Field connections copied on duplicated card/report	X	X	X	
Word wrap option for static text	X	X	X	
Text field masking	X	X	X	
IDCentre software application toolbar to simplify moving between applications	X	X	X	
Update all selected records	X	X	X	
Delete all selected records	X	X	X	
Stored search toolbar name drop-down list up to 10 searches	X	X	X	
Field connector tracks selected card/report	X	X	X	
Improvements in import/export of projects	X	X	X	
Shapes for cards	X	X	X	
Set up card photo field backdrop removal	X	X	X	
Default data value for production form text fields	X	X	X	
Set up static and variable graphic fields with transparent color option	X	X	X	
Set up auto sequence field	X	X	X	
Modify auto sequence field value on update	X	X	X	
Allow editing of auto sequence field length	X	X	X	
Auto new record mode	X	X	X	
User-selectable photo file storage format	X	X	X	
Set up auto-insert user name and system date	X	X	X	
Set up time option to date field	X	X	X	
Customizable production forms	X	X	X	
Auto-create production form	X	X	X	
Production form size properties	X	X	X	
Set up original graphics size DPI	X	X	X	

Datacard® IDCentre™ Identification Software v6.5 continued

Features	Gold	Silver	Bronze	Lite
Save JPEG at fixed file size	X	X	X	
JPEG 2000 option for photo field storage	X	X	X	
Set-up searchable option for production form fields	X	X	X	
Advanced and named searches	X	X	X	
Set-up custom on-screen graphics and logos	X	X	X	
Improved quality of IDCentre Designer software ghosted field display	X	X	X	
Set up ghost option for photo field	X	X	X	
Set up ghost option for card graphics fields	X	X	X	
Field-level k-panel printing option for card photo and graphics fields	X	X	X	
Set up rotation for production form static text and static graphic fields	X	X	X	
Search capability for numeric and date fields	X	X	X	
Text file to Microsoft® Access database import (in Administrator)	X	X	X	
Microsoft® Access database to text file export (in Administrator)	X	X	X	
Improved database field connection usability	X	X	X	
Set up image storage as BLOBs or files	X	X	X	
Create multiple images per record	X	X	X	
Updated sample photos and projects	X	X	X	
Administrator and user security	X	X	X	
Full user audit trail	X	X	X	
Allow/prevent write access to specified fields	X	X	X	
Auto-create Microsoft® Access 2000 database	X	X	X	
Evaluation version with watermark	X	X	X	
Underline option to text based card fields	X	X	X	
Auto-assign plug-in for Datacard® printer driver v7.0	X	X	X	
Allow to overwrite duplicate records during import	X	X	X	
Allow to select records for database to text export	X	X	X	
Read only field appearance	X	X	X	
Viewing Photos in Table view	X	X	X	
Zoom card design window (in and out)	X	X	X	
Zoom report design window (in and out)	X	X	X	
Option to store Microsoft® Access database in the project directory	X	X	X	
Ultra Violet (UV) topcoat panel printing	X	X	X	
Configurable production login timeout	X	X	X	
Deleting Project from file menu	X	X	X	
Maintain field position for copied card/report fields	X	X	X	
Import/export button in production form list field	X	X	X	
Secure user name and password for database and projects	X	X	X	
User selection either “by printer” or “by plug-in”	X	X	X	
Printer-friendly error messages (when connected)	X	X	X	
Wizard-like interface guides the card program administrator to administer user account privileges	X	X	X	
Crop and adjust existing photos	X	X	X	

Datacard® IDCentre™ Identification Software v6.5 continued

Features	Gold	Silver	Bronze	Lite
Production table view	X	X	X	
Lock card fields from mouse/key board actions	X	X	X	
Display production form field in table view	X	X	X	
Export audit log	X	X	X	
Basic data-entry, card design, production and reporting package	X	X	X	
Card reprint privilege	X	X	X	
Datacard® printer driver support	X	X	X	
Retain aspect ratio on corner drag field resize	X	X	X	
Flexible card and report design	X	X	X	
Report block header and footer enhancements	X	X	X	
Customized report design for text and/or images	X	X	X	
Set up user-defined card size: CR50, CR80/ISO ID-1, or custom	X	X	X	
Prepare photo IDs and reports for printing	X	X	X	
Create card and report designs	X	X	X	
Print cards and reports	X	X	X	
Supports databases with multiple tables	X	X	X	
Allow selection of desktop icons during install	X	X		
Encrypt project database password	X	X		
Retrieve records from “Today”	X	X		
Retrieve records from “This week”	X	X		
Copy card and report designs between projects	X	X		
Option to clear selected record set	X	X		
Datacard® SP75 card printer laminator control	X	X		
IDCentre SDK software support	X	X		
Simultaneous batch print of multiple card formats	X	X		
Full design, production and reporting package	X	X		
Capture photos, signatures, and other identity information	X	X		
Create databases	X	X		
Create connection to ODBC databases	X	X		
Available as a stand-alone Production and Designer module.	X	X		
Magnetic stripe and smart card encoding	X	X		
Set up data-driven production	X	X		
SASI plug-in support – export of photos from database	X			
Lifetouch plug-in support – import of photos to database	X			
Enhanced user password security	X			
Expiration of password after “x” number of days	X			
Store last 5 user passwords	X			
Advance composite fields	X			
Batch import/export of photos from production	X			
Lightweight Directory Access Protocol (LDAP) for Microsoft® Active Directory® directory service	X			

Datacard® IDCentre™ Identification Software v6.5 continued

Features	Gold	Silver	Bronze	Lite
Packaged components for development of smart cards (IDCentre Smart Card Application Manager software)	X			
Supports one (1) card design per project				X
Supports one (1) photo (or image) field per card design and production form. Image is stored as JPEG BLOB in project database.				X
Limited to one (1) database table per project				X
Limited to CR80 card size				X
Auto create Microsoft® Access 2000 database table for each project.				X

Operating Systems Supported

	Gold	Silver	Bronze	Intro
Supported operating systems:	X	X	X	X
Microsoft® Windows® 2000 Professional				
Microsoft® Windows® XP				
Microsoft® Windows® Vista®				
Microsoft® Windows® 7 (32 or 64 bit)				
Microsoft® Windows 8® (32 or 64 bit)				

Bar Codes Supported

	Gold	Silver	Bronze	Intro
Supported Bar Codes				
Coda bar	X	X	X	X
Code 128 – Auto	X	X	X	X
Code 128 A	X	X	X	
Code 128 B	X	X	X	
Code 128 C	X	X	X	
Code 39	X	X	X	X

Code 39 Extended	X	X	X	X
Code 93	X	X	X	
Code 93 Extended	X	X	X	
Supported Bar Codes	X	X	X	X
EAN/JAN-13	X	X	X	X
EAN/JAN-8	X	X	X	
HIBC	X	X	X	X
Interleaved 2 of 5	X	X	X	
MSI Plessey	X	X	X	
PDF417	X			
PDF417 (Binary)	X	X	X	
Postnet Zip + 4	X	X	X	
UCC 128	X	X	X	X
UPCA	X	X	X	
UPCE-0 System 6 Digit	X	X	X	
UPCE-1 System 6 Digit	X	X	X	X
UPCE 11 Digit				

Databases Supported

	Gold	Silver	Bronze	Intro
Microsoft® Access 2007	X	X	X	*
Microsoft® Access 2003	X	X	X	*
Microsoft® Access 2000	X	X	X	*
Oracle® 10g	X	X		
Oracle® 9i	X	X		
Microsoft® SQL Server™ 2010	X	X		
Microsoft® SQL Server™ 2008	X	X		
Microsoft® SQL Server™ 2005	X	X		
Microsoft® SQL Server™ 2000	X	X		
IBM® DB2® Universal Server 8.2	X	X		
IBM® DB2® Universal Server 7.1	X	X		

*IDCentre Lite software creates its own Access database. You cannot select your database.

Capture Devices Supported

	Enterprise	Standard	Basic	Intro
File input	X	X	X	X
TWAIN capture devices	X	X	X	X
Video for Windows capture devices	X	X	X	X
Datacard [®] Canon [®] DSLR Capture Plug-in	X	X	X	X
Canon [®] EOS 1D Mark III	X	X	X	X
Canon [®] EOS 40D	X	X	X	X
Canon [®] EOS 1Ds Mark III	X	X	X	X
Canon [®] EOS 450D/Rebel XSi	X	X	X	X
Canon [®] EOS 1000D/Rebel XS	X	X	X	X
Canon [®] EOS 5D Mark II	X	X	X	X
Canon [®] EOS 50D	X	X	X	X
Canon [®] EOS 500D/Rebel T1i	X	X	X	X
Canon [®] EOS 7D	X	X	X	X
Canon [®] EOS – 1D Mark IV	X	X	X	X
Canon [®] EOS 550D/Rebel T2i	X	X	X	X

Printers and Systems Supported

	Gold	Silver	Bronze	Intro
Datacard [®] CE840 instant issuance system [™]	X	X		
Datacard [®] CD800 [™] card printer with inline lamination module	X	X	X	X
Datacard [®] CD800 [™] Card Printer	X	X	X	X
Datacard [®] CP40 and CP40 Plus card printer	X	X	X	X
Datacard [®] CP60 and CP60 Plus card printer	X	X	X	X
Datacard [®] CP80 and CP80 Plus card printer	X	X	X	X

System Requirements

- Operating System
 - Microsoft[®] Windows[®] 2000, XP 32 or 64 bit, Windows Vista[®] 32 or 64 bit, Windows 7[®] 32 or 64 bit and Windows 8[®] 32 or 64 bit
- Web browser
 - Internet Explorer v6.0 or later
- Memory
 - 512 MB RAM
 - 100 MB hard disk space for application (not including database)
- Color
 - 16-bit color (65,536 colors) Cameras may require higher color
- Resolution
 - 800 x 600 screen resolution (1024 x 768 recommended)
- Peripherals
 - CD-ROM drive
 - Available USB port

Datacard® Visitor Pointe™ Solution v6.5

The Datacard® Visitor Pointe™ solution enables rapid enrollment and tracking of visitors in a reception or entrance to a business. This add-on feature to Datacard® IDCentre™ identification software not only reduces the registration time, but also provides a secure method for enrollment, verification and reporting.

Features

- Barred list module
- History Database
- USB support for magnetic stripe and bar code readers
- Seamless data capture from government-issued ID cards or passports
- Automated check-in/check-out visitor management process
- Real-time access to reports and audit capabilities
- Multiple-use badges for frequent visitors
- Automatic operator alerts
 - Visitor expected visit date
 - Visitor visit expiration date and time
 - Visitor badge expiration date and time
- Web updates for new card templates
- Pre-registration for visitors
- Users can define valid date and time range for each visitor
- Software automatically detects the type of government ID being scanned

Benefits

- Improves security
- Reduces check-in and check-out time
- Increases information consistency
- Provides real-time access

Card Scanning Solutions, ScanShell® 800R Scanner Specifications

- Physical dimensions: 7.38 x 2 x 1.55 in (185 x 52 x 39 mm)
- Weight: 7.2 oz (205 g)
- Interface: USB 1:1

Card Scanning Solutions, ScanShell® 1000R Scanner Specifications

- Physical dimensions: 8.64 x 6.1 x 1.65 in (219.5 x 155 x 42 mm)
- Weight: 1.21 lbs (575 g)
- Interface: USB

Agency Approvals for ScanShell 800R and 1000R scanners

- Agency approvals: CE Mark, FCC Mark, VCCI Mark, BSMI Mark, EU RoHS

E-Seek® Reader M200 Specifications

- Physical dimensions: 2.25" H x 1.76" W x 4.79" D
- Weight: 170 grams (6.0 oz)
- Interface: RS-232C Serial Port, RJ 45 – 10 Pin

Datacard® Visitor Pointe™ Solution v6.5 (continued)

E-Seek® Reader M250 Specifications

- Physical dimensions: 2.25” H x 2.64” W x 4.79” D
- Weight: 198 grams (7.0 oz)
- Interface: RS-232C Serial Port, RJ 45 – 10 Pin

Environmental Specifications for E-Seek Readers

- Humidity: 10-90%
- Operating temperature: 32°-122°F (0°- 50°C)

Agency Approvals for E-Seek Readers

- Agency approvals: CE Mark, FCC Mark

System Requirements

- System Software
 - One of the following software applications is required
 - Datacard® IDCentre™ Gold identification software v5.x or v6.x
 - Datacard® IDCentre™ Silver identification software v5.x or v6.x
- Operating System
 - Microsoft® Windows® 2000, XP 32 or 64 bit, Windows Vista® 32 or 64 bit, Windows 7 32 or 64 bit.
- Peripherals – In addition to the requirements for IDCentre software
 - CD-ROM drive
 - One (1) available USB Port for license key
 - Serial or USB ports needed based on input/output devices you select.

Datacard® IDCentre™ Software Developer's Kit (SDK) v6.5

Datacard® IDCentre™ Software Developer's Kit (SDK) offers the tools you need for fast, powerful custom development as well as thorough, easy-to-understand documentation and samples to ensure you take full advantage of the software and its features.

Key Features

- Enhance IDCentre Silver software or IDCentre Gold software functionality
- Supports Microsoft® Visual Basic®, Visual C++®, Visual C#® and .NET development systems and tools.
- Improved event handler error messages
- Microsoft® COM interface
- Integrate card printers of all types
- Create customized identification applications
- Seamless smart card personalization

Specifications

- Datacard Supported Operating Systems:
 - Windows® 2000 Professional
 - Windows® XP 32 or 64 bit
 - Windows® Vista® 32 or 64 bit
 - Windows® 7 32 or 64 bit
 - Windows® 8 32 or 64 bit
- Open system architecture
- Installation for Software Developer's Kit, Print Server and Capture Server
- Support for Visual Studio .NET 2005
- Sample code and wizards updated for development systems/tools
- Sample code for IDCentre Smart Card Application Manager software based on Microsoft® Visual Basic® development system
- New event handlers
- Encoder interface support
- Smart card personalization support
- Printer plug-in support
- Extensive electronic documentation
- Card status feedback:
 - Datacard® CD800™ Card Printer
 - Datacard® CP40 and CP40 Plus card printer
 - Datacard® CP60 and CP60 Plus card printer
 - Datacard® CP80 and CP80 Plus card printer

Datacard® Smart Card Designer Tool v6.5

Datacard® Smart Card Designer Tool reduces the time to develop and test a smart card project. With this tool, Datacard has removed the complexity of integrating a smart card program and has made it very simple for a user to configure the encoding of a smart chip. This tool allows you to design the personalization of an NXP Semiconductor MiFare® smart chip and test it in a matter of minutes versus developing and testing an application over a week or more.

Key Features

- Test a single operation or test a full application within the designer with a simple click of a button. Instant results are provided confirming that the operation was a success or not.
- All major data formats are supported (hexadecimal, ASCII and numeric)
- In one runtime step, you can read the data off the smart chip, write it to a database and print it on the card.
- A single design screen versus multiple screens simplifies the user's effort and removes the complexity in designing their smart card project.
- The keys are locked and encrypted even during the export/import routine and are never publicly available.
- Supports SCM couplers that are available with the Datacard® SP Plus and CP Plus Series printers with v6.3 or newer firmware.
- Supports MiFare classic 1K and 4K cards.
- The Smart Card design that you create is deployable in an XML card encoding configuration that can be exported to the IDCentre™ Silver Production or IDCentre™ Gold Production software workstation.
- Supported operating systems:
 - Windows® XP 32 or 64 bit
 - Windows® Vista® 32 or 64 bit
 - Windows® 7 32 or 64 bit
- The data being read from the smart chip can be read by an ODBC database, but can currently only be stored in a Microsoft® Access database.

Datacard® IDCentre™ Smart Card Application Manager Software v6.5

Datacard® IDCentre™ Smart Card Application Manager software works with your smart card application to simplify the management of personalizing smart cards through our software and smart card enabled printers. Its thorough, easy-to-understand documentation and samples provide you with all the tools you need to develop a seamless smart card personalization solution.

Key Features

- Plug-in option for IDCentre Silver or IDCenter Gold v6.5 identification software
- Microsoft® COM interface
- Combine smart card personalization and graphics printing in one automated process.
- Provides full access to the smart card chip.

Specifications

- Microsoft® Windows® based operating system
 - Windows® XP 32 or 64 bit
 - Windows® Vista® 32 or 64 bit
 - Windows® 7 32 or 64 bit
- Two forms of card issuance
 - IDCentre Silver or IDCentre Gold software
 - Custom user interface utilizing IDCentre Silver or IDCentre Gold software components
- Two forms of smart card process control
 - Inter Process Communication (IPC)
 - Configurable direct calls to multiple user-created COM components
- Easily mastered interface development
 - User documentation
 - Wizards to facilitate creation of COM components
- Non-graphic card print mode
- Graphic print abort capability
- One Smart Card Application Manager software plug-in required for every system being deployed.

Datacard® IDCentre™ Software Language Packs v6.5

Datacard® IDCentre™ Software Language Packs v6.5 allows end users to convert any edition of IDCentre v6.5 software to one of the languages listed below. To use the Language Packs, simply install a copy of IDCentre v6.5 software (any edition), connect the IDCentre software hardware license key and download the appropriate Language Pack from datacard.com.

Future Language Packs

Datacard is looking for assistance from our sales channels to help with this localization effort. If you are interested in translating Datacard® IDCentre™ identification software to your local language, please contact your sales manager. Datacard will provide you with a translation kit along with instructions to complete the translation. You will need to download (free of charge) the Sisulizer LTD Software Localization Tool. Using this tool significantly reduces the amount of time it takes to translate the software. If you can read English, you can translate the ID Works or IDCentre software very easily to your local language.

Available Language Packs

- Chinese (simplified)
- Chinese (traditional)
- French
- German
- Japanese
- Portuguese (Brazilian)
- Spanish

Datacard® Signature Pointe™ Solution

The Datacard® Signature Pointe™ solution features high-quality capture of digital signatures from an electronic signature pad. A simple click on the signature image field automatically brings the operator to the Signature Pointe Pad Device Ready Screen, where the person can sign his or her name.

Features

- User-configurable software settings
 - File type (.wmf or .bmp)
 - Pen weight
 - Pen color
- Tethered pen
- Backlit LCD
- Large signing area

Signature Pointe Solution Components

- Datacard® Signature Pointe™ software v6.5
- Topaz™ SignatureGem™ LCD 1x5 signature pad
- Tethered PenGem™ active pen
- USB Interface
- Installation Instructions

Signature Pointe Solution Specifications

- Physical dimensions: 6.0 x 3.8 x 1.0 in. (152.4 x 96.52 x 25.4 mm)
- Weight: 20 oz. (567g)
- Resolution: 1804 x 533 pixels
- Interface: USB
- Power: through USB port

Environment Specification

- Operating: 32 to 122° F (0 to 50° C)
- Humidity: 10 to 90%
- Storage: -4 to 149° F (-20 to 65° C)

Agency Approvals

- FCC Class B and EU RoHS Compliant

System Requirements

- System Software
 - One of the following software applications is required
 - Datacard® IDCentre™ Gold identification software v5.x or v6.x
 - Datacard® IDCentre™ Silver identification software v5.x or v6.x
 - Datacard® ViaNet® Workstation Identity information software v5.x or v6.x
- Operating System
 - Microsoft® Windows® 2000, XP 32 or 64 bit, Windows Vista® 32 or 64 bit or Windows 7® 32 or 64 bit.
- Peripherals – In addition to the requirements for IDCentre or ViaNet software
 - CD-ROM drive
 - One (1) available USB Port

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