"Polly-Service" Ltd. - Entrust Datacard Group distributor in Ukraine
System solutions for plastic card personalization

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ID Card Master - a new tool for plastic card personalization

IDCardMaster - a software and hardware system for the rapid manufacture of licenses, permits and other identification cards based on thermal printers Datasard.

Software IDCardMaster in the complex is intended for the development of user-card template, primary data collection, personalization of plastic cards, as well as for storage and further processing of the received information.

In IDCardMaster software has a function "template designer and dialogue", allows you to create maps in the visual design mode. Image capture is performed with a digital camera while viewing "live" full-screen video.

Main features

- **Graphic personalization of plastic cards, magnetic stripe encoding, smart card programming**

- **Visual designer front and back of the card template**

- **Visual designer dialogue card production mode**

- **Primary input, search and display personal data**

- **Capture digital photos**

- **Supports a variety of image capture devices: from file, TWAIN, WIA, using a variety of digital cameras, the Kodak, Canon series of digital cameras, as well as DirectShow and Clipboard**

- **The software is available in three languages: English, Ukrainian, Russian**

- **Open the expansion of the system functionality, different interfaces pluggable software modules, including those being developed by request**

Datasheet

• Designers Template cards and dialogue production mode

– Different attributes to describe the elements of the card template dialogue and input fields
– Flexible formatting tools card design template and dialogue
– Supported card formats: CR80 and other

• The types of fields Card Template

– text
– Static Image
– Dynamic Image
– Barcode (about 60 types of supported barcodes)
– Rectangle
– Circle
– region lock
– contact chip
– The contactless chip
– Magnetic stripe

• Types dialog mode design fields production

– Editing box
– the date field
– Checkmark
– Combo Box
– Radio button
– Frame
– external programs call button, libraries and others.
– Static text

• Production and Data Management

– Variable data for personalization may be in multiple related tables to one or multiple databases (DB)
– The possibility of connecting external directories, including hierarchical data
– Creating ODBC-connection to the database in a dialogue mode
– Unicode Support

• Supported Database

– A flat text file
– Oracle8i and Oracle9i
– Microsoft Access 2000, 2002, and 2003
– Microsoft SQL Server 7.0 and 2000

• Working with Images

– image capture function while watching "live" full-screen video in standard definition television formats PAL / NTSC, thus can be used as a single device or a combination thereof (for example, a digital camera and a video camera or web-camera can be connected at the same time)
– supports the following image file formats: bmp, jpeg, gif, tiff.

Perhaps ask image compression and storage in GrayScale mode

– Storing images in the database as a BLOB-objects
– Customizable template name and location for storing pictures on your hard drive
– Crop the image size (crop function), tools for improving image quality (levels, curves)
– In one design supports multiple static and dynamic images
– sources of input images:
- From file
- TWAIN
- WIA
- DirectShow
- A series of digital cameras Kodak
- A series of digital cameras Canon
- The system clipboard

• Security software

– Key protect access to the software (USB, LPT)
– Control of integrity and password protection project file
– Logging results in the production of the report file (optional)

• compatible equipment DataCard

– printers Datacard SP Series
– Printer series Datacard Select Platinum
– Printer series Datacard Magna Platinum
– Printer Datacard ImageCard IV
– Embossers Datacard 150i (optional)
– Embossers Datacard 275 / 280P / 450 (optional)

• Hardware and software requirements:

Microsoft Windows operating system
– Microsoft Windows 2000 Professional
– Microsoft Windows XP Professional or Home Edition
Web client
– Internet Explorer v5.01 or later
CPU
– 500 MHz Pentium (recommended 1.5 GHz Pentium 4)
Memory
– 128 MB Ram (recommended 256 MB)
– 100 MB available hard disk space for application (not including database)
Screen resolution
– 800 x 600 (1,024 x 768)
Additional requirements:
– CD-ROM drive
– three free USB port (recommended USB v2.0)
– one free PCI slot

• Compatibility with other systems

For backward compatibility, the design is implemented import and communication created in the format of the software IDCardStudio

Standard equipment:
• thermal printer Datacard
• Software ID Card Master
• hardware-software protection key
• video capture card
• Digital camera Canon / Kodak
• Power Supply digital camera
• tripod for digital camera, a tripod and screen