



CardStudio™ 2.0 Training

General Information

Brno 30-5-2018





CardStudio™ 2.0

Index

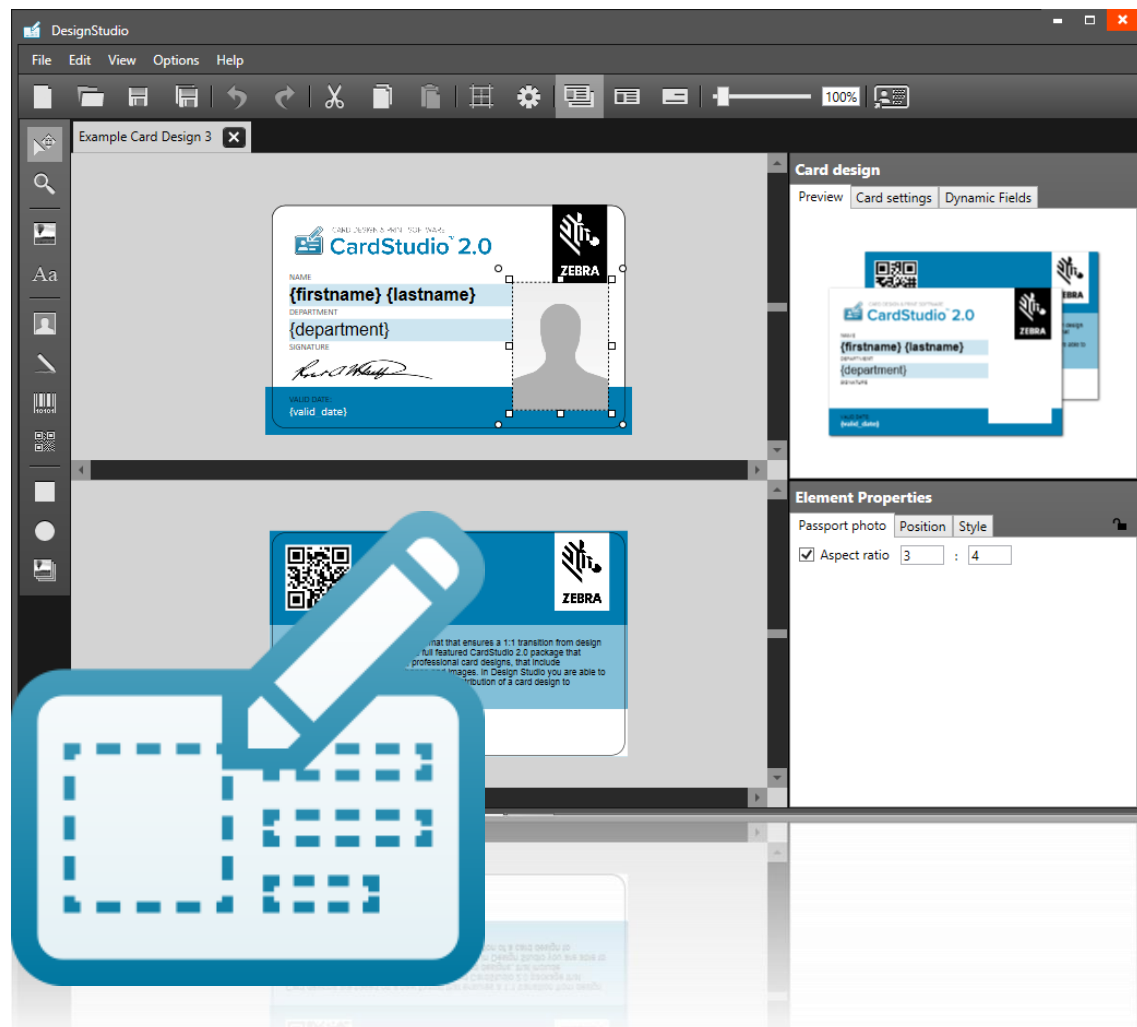
- CardStudio 2.0 intro
- Design studio & print studio
- Editions & pricing
- Quick overview CardStudio™ 2.0
- Quick overview CardStudio License Manager
- Reseller & End-User Workflow
- CardStudio vs CardStudio 2.0





CardStudio™ 2.0 General Information

DesignStudio & PrintStudio





CardStudio™ 2.0 General Information

Editions & Pricing



CardStudio™ 2.0

DEMO FREE

30 DAY TRIAL BASED
PROFESSIONAL VERSION

PRINTS WITH WATERMARK
TO TRY ALL PROFESSIONAL
FEATURES

UPGRADEABLE



CardStudio™ 2.0

CLASSIC \$100,-

DESIGN TO PRINT
NO PROJECTS

CARDSTUDIO 1.0 CONVERSION
CARD DESIGN
PRINT
UPGRADEABLE



CardStudio™ 2.0

STANDARD \$350,-

UNLIMITED CARD DESIGNS
1 PROJECT
UNLIMITED DATA RECORDS

ALL STANDARD FUNCTIONS
CARDSTUDIO 1.0 PROJECT
CONVERSION
UPGRADEABLE



CardStudio™ 2.0

ENTERPRISE \$850,-

UNLIMITED CARD DESIGNS
UNLIMITED PROJECTS
UNLIMITED DATA RECORDS
ALL STANDARD FUNCTIONS
CARDSTUDIO 1.0 DATABASE
CONVERSION

UPGRADEABLE
CONNECT

Full external database connectivity
capabilities for MS Access, MS SQL,
MySQL and Oracle databases.
Generic ODBC driver support.



CardStudio™ 2.0

PROFESSIONAL \$1350,-

UNLIMITED CARD DESIGNS
UNLIMITED PROJECTS
UNLIMITED DATA RECORDS
ALL STANDARD FUNCTIONS
CARDSTUDIO 1.0 DATABASE
CONVERSION

CONNECT

+

ENCODE

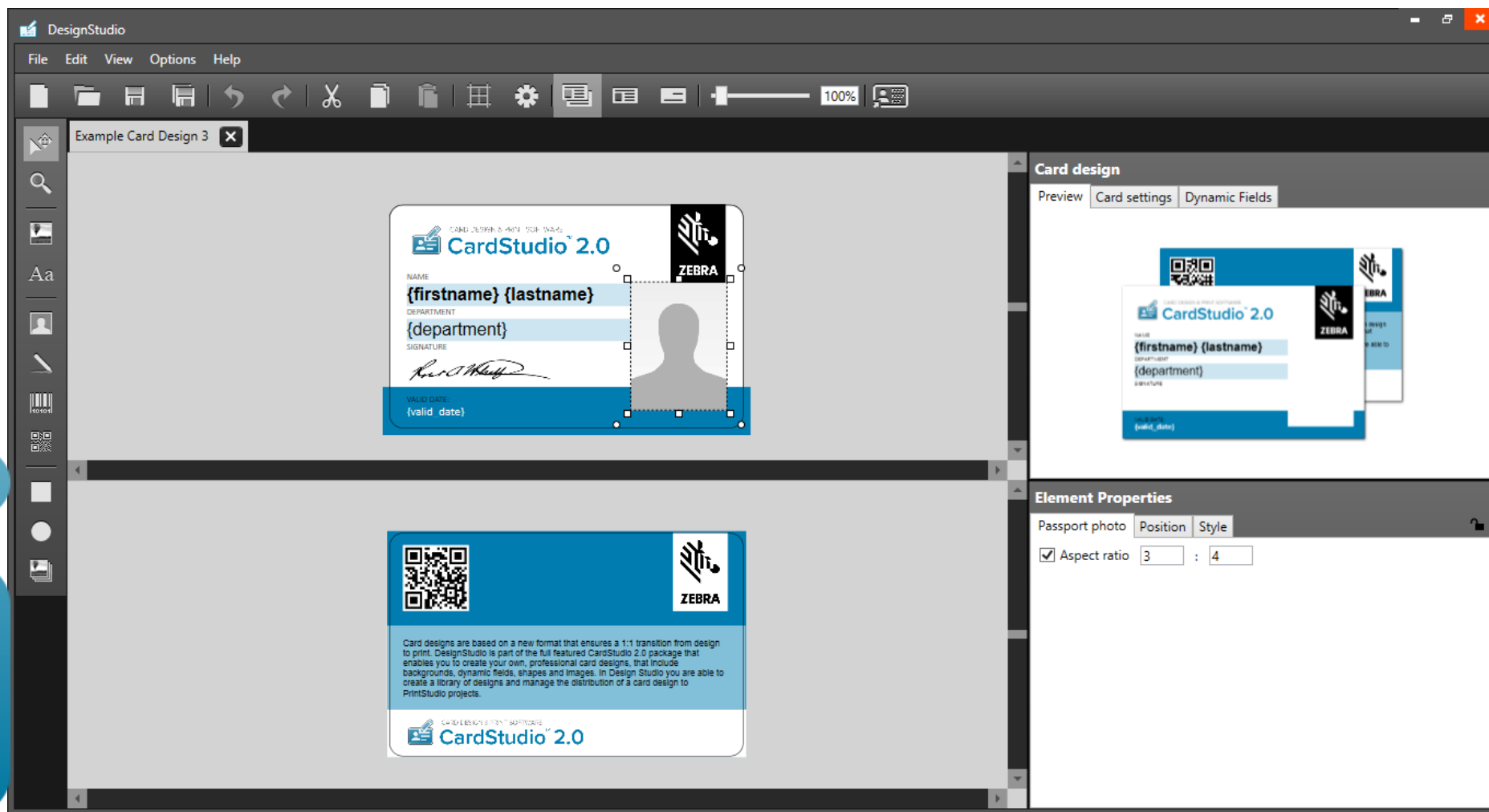
MIFARE Classic, Plus & DESFire





CardStudio™ 2.0 General Information

DesignStudio interface





CardStudio™ 2.0 General Information

PrintStudio Interface

Example project 1 - PrintStudio

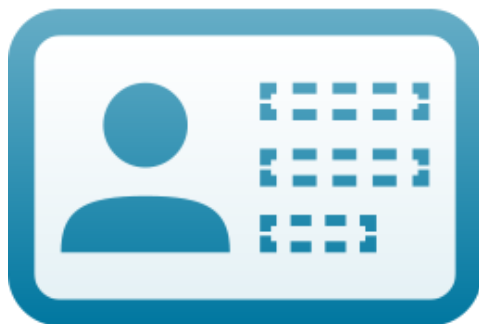
File Edit Record Options View Help

ID number	First name	Last name	Company	Department	Street Address
11000	Adam	Fox	Healthcare Center	Legal Department	559-9424 Est Avenue
11001	Ruth	Hess	Zebra Technology	Customer Service	P.O. Box 380, 3629 V
11002	Ezekiel	Parsons	Zebra	Customer Relations	P.O. Box 630, 4632 U
11003	Hyatt	Fernandez	Zebra	Media Relations	Ap #677-2460 Egest

Ezekiel Parsons Customer Relations 11002 Previous record Next record

First name: Ezekiel Street Address: P.O. Box 630, 4632 Ut St.
Last name: Parsons Postal / Zip: 57633
Company: Zebra City: Sterling Heights
Department: Customer Relations Region: Essex
Email: risus.Duis.a@nulla.com Country:
Phone: 1-572-352-6849 Birthdate: 11/02/1980
Card status: No card Number of cards: 0

Opened project 'Example project 1'. Showing 21 of 21 records 1 record selected





CardStudio™ 2.0 General Information

Smartcard Editor Interface



Untitled - SmartCard Editor v1.4.2

File Edit Help

Desfire

Card settings

Card serial number byte order: Most significant byte first

Card master key: AES 00000000000000000000000000000000 LSB Generate key

No key diversification

☒ Master key can be changed later ☐ Disable card formatting

☐ Authentication required for directory access ☐ Enable random card ID

☒ Authentication required for creating / deleting applications

☒ Card configuration can be changed later

Reset keys

Application 000001

Add application Remove application

Add file Remove file

Application Settings

Description

Application ID 000001

Encryption type AES

☒ Master key can be changed

☐ Authentication required for directory access

☒ Authentication required for file creating / deleting

☐ Key settings can be changed

Change key settings Authenticate with application master key

☐ Enable ISO file ID support

Iso file ID

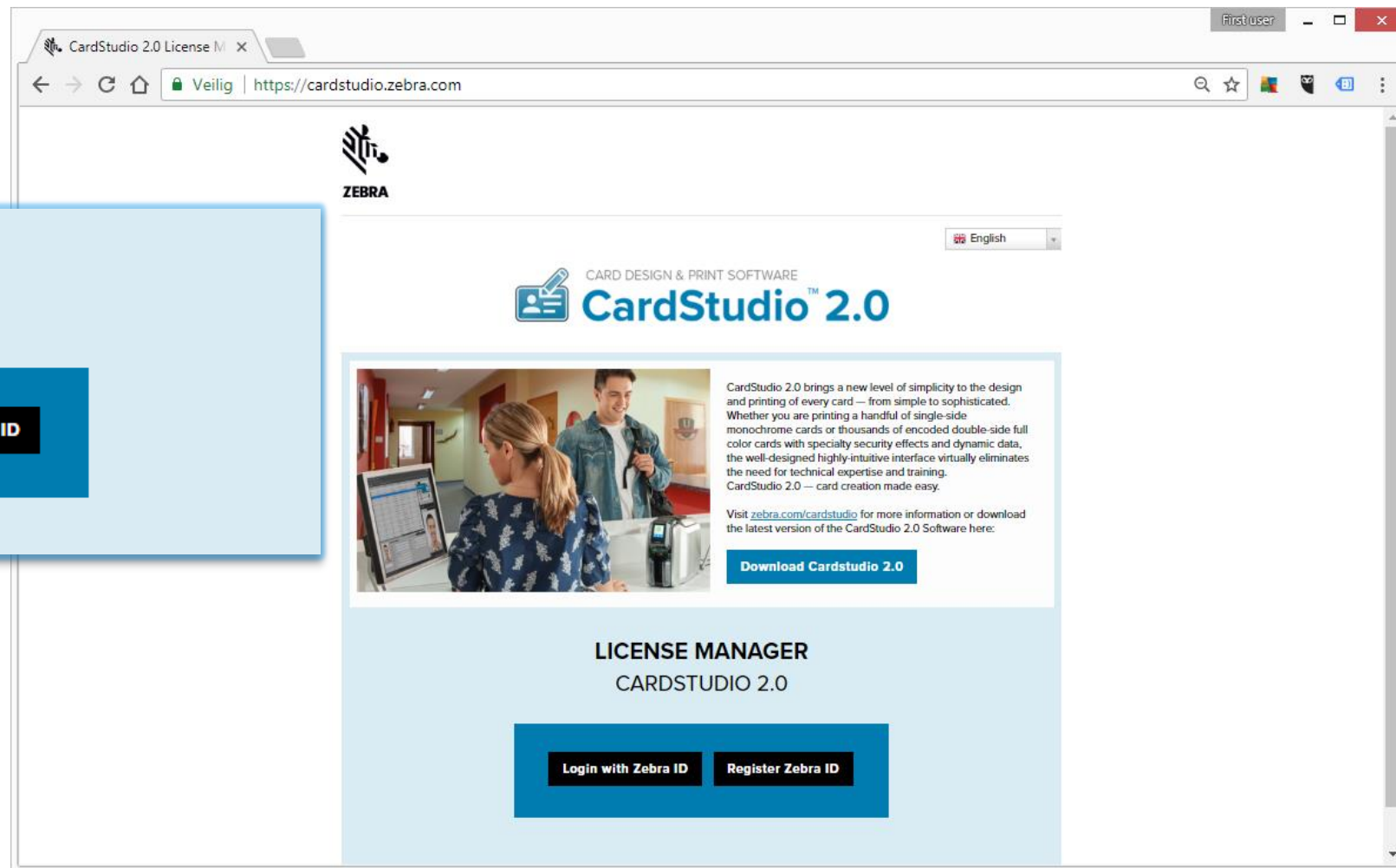
DF name

Created new CCI



CardStudio™ 2.0 General Information

The License Manager





CardStudio™ 2.0 General Information

Reseller & End-User Workflow

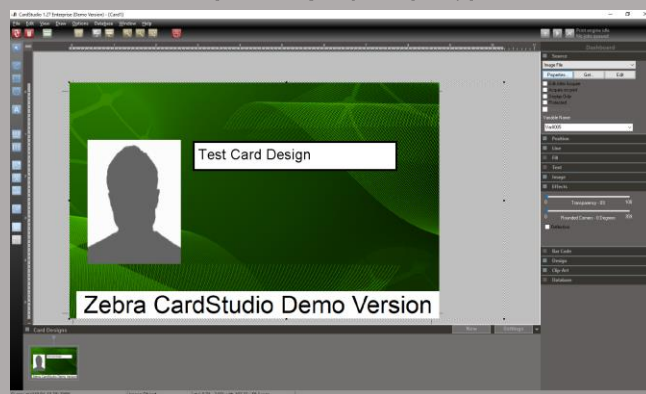
- **How to distribute CardStudio 2.0 to Resellers?**
 - Initially the Reseller will buy CardStudio 2.0 boxes with activation links from Zebra
 - The Reseller will also have the option to use the License Manager to sell and distribute keys in the future
- **How does the Reseller sell the CardStudio 2.0 to their Customers?**
 - The Customer can buy a CardStudio 2.0 box with activation link at their local Zebra Dealer or through the Zebra Webshop
- **The CardStudio 2.0 Box Packaging**
- **The Activation Link and receiving the License Key**
- **Activating the CardStudio 2.0 Software**

CardStudio™ 2.0 General Information

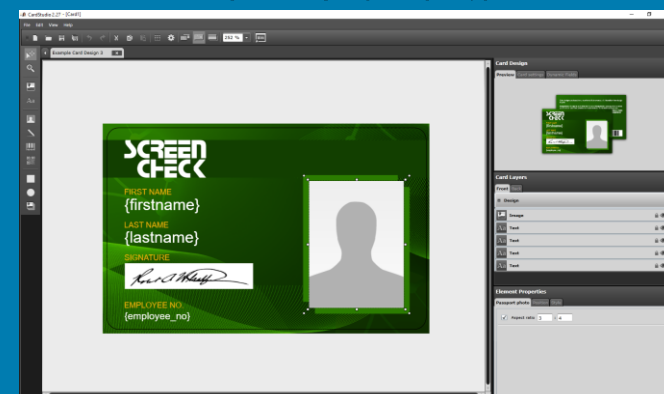
CardStudio vs CardStudio 2.0 Card Design

DESIGN FEATURES

CARDSTUDIO 1.0



CARDSTUDIO 2.0



	Classic	Standard	Enterprise	Professional	Classic	Standard	Enterprise	Professional
Full-color design, single and dual-sided cards	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Image acquisition	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Multi-layout card designs	No	No	Yes	Yes	No	Yes	Yes	Yes
Clip art manager	No	Yes	Yes	Yes	No	No	No	No
Printing variables	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

CardStudio™ 2.0 General Information

CardStudio vs CardStudio 2.0 Card Design



CARDSTUDIO 1.0

- SELECT TOOL
- SHAPE ELEMENTS
- TEXT ELEMENTS
- BARCODE ELEMENTS
- IMAGE/PHOTO ELEMENTS
- SIGNATURE ELEMENT



CARDSTUDIO 2.0

- SELECT TOOL
- ZOOM TOOL
- IMAGE ELEMENTS
- TEXT ELEMENTS: STATIC & DYNAMIC
- PHOTO ELEMENT
- SIGNATURE ELEMENT
- SHAPE ELEMENTS
- BARCODE ELEMENTS
- SHAPE ELEMENTS
- DYNAMIC LOGO ELEMENT

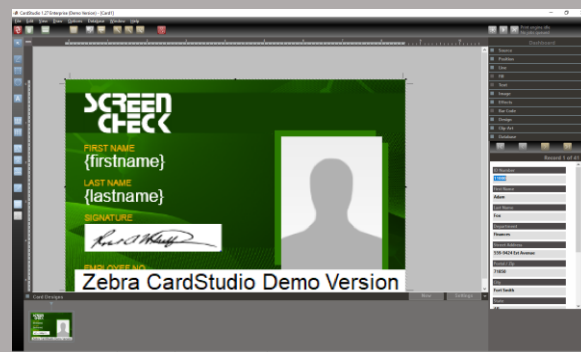


CardStudio™ 2.0 General Information

CardStudio vs CardStudio 2.0 Data management & Databases

DATABASE & SECURITY FEATURES

CARDSTUDIO 1.0



CARDSTUDIO 2.0



	Classic	Standard	Enterprise	Professional	Classic	Standard	Enterprise	Professional
Excel® and CSV database import	No	Yes	Yes	Yes	No	Yes	Yes	Yes
Internal Database connectivity	No	No	Yes	Yes	No	Yes	Yes	Yes
Database editing view and conditional layout printing from database	No	No	Yes	Yes	No	Yes	Yes	Yes
ODBC connectivity to external databases	No	No	No	Yes	No	No	Yes	Yes
Signature panel	No	No	Yes	Yes	Yes	Yes	Yes	Yes
Face recognition, auto cropping and three pictures capturing	No	Option	Option	Option	Yes	Yes	Yes	Yes
Login security	No	No	Yes	Yes	No	No	No	No



CardStudio™ 2.0 General Information

CardStudio vs CardStudio 2.0 Data management & Databases

CARDSTUDIO 1.0

CardStudio 1.27 Enterprise (Demo Version) - [Card1]

File Edit View Draw Options Database Window Help

Data Source: C:\Users\Margriet\Desktop - ScreenCheck Inc\Documents\Marketing\7. Test Data\Corporate card data with photo USA.xls
Table: Worksheet

Record 1 of 41

Dashboard

Print engine idle
No jobs queued

Card Preview

Record Selection

ID Number: 11000
First Name: Adam
Last Name: Fox
Department: Finance
Street Address: 559-9424 Est Avenue
Postal / Zip: 71850
City: Fort Smith
State: AR
Country: United States
Email: aliquid.enim.nec@egetipsum.org
Phone: 1-209-959-8033
Birthdate: 1969-12-31

Browse Records

ID Number	First Name	Last Name	Department	Street Address	Postal / Zip	City	State	Country	Email	Phone	Birthdate
11003	Hyatt	Fernandez	Media Relations	Ap #677-2460 Eggs...	34350	Owensb...	KY	United States	solliditidi...	1-704-141...	1969-12-31
11004	Uta	Gomez	Legal Department	P.O. Box 396, 2614 ...	29504	Covington	KY	United States	arcu.Cura...	1-160-730...	1969-12-31
11005	Vera	Taylor	Human Resources	838-9154 Neis, St.	10230	Augusta	GA	United States	Fusce.fer...	1-114-613...	1969-12-31
11006	Aikhea	Bird	Legal Department	2299 Ac Rd.	17850	Gary	IN	United States	ornare.libe...	1-536-272...	1969-12-31
11007	Perry	Head	Sales and Market...	7377 Connecticut...	18108	Seattle	WA	United States	sed.liberu...	1-319-503...	1990-01-03
11008	Harriet	Gallegos	Quality Assurance	1543 Diam. St.	76479	Lafayette	LA	United States	metus@e...	1-978-367...	1969-12-31
11009	Chardie	Forbes	Quality Assurance	3614 A. St.	14850	South Bu...	VT	United States	per.conub...	1-365-873...	1969-12-31
11010	Sydney	Alston	Sales and Market...	Ap #423-4341 Nec ...	76904	Burlington	VT	United States	arcu@Aem...	1-832-299...	1960-02-01
11011	Abdul	Phelps	Payroll	2402 Jaculis Street	18570	Kailua	HI	United States	orcidipis...	1-430-221...	1969-12-31
11012	Forrest	Williams	Finance	9122 Diglossum St...	79059	St. Peters...	FL	United States	Fringilla.p...	1-178-471...	1969-12-31
11013	Tanner	Ramsey	Research and De...	Ap #206-5795 Phas...	40221	Joliet	IL	United States	natoque.p...	1-965-985...	1969-12-31
11014	Mechelle	Gamble	Asset Managem...	529-7705 Omare Rd.	65764	Gillette	WY	United States	nulla.integ...	1-714-294...	1988-08-08
11015	Salvador	Travis	Quality Assurance	248-601 Vivamus Rd.	43961	Springfield	MO	United States	eget@eni...	1-969-319...	1969-12-31
11016	Dennis	Bridges	Asset Managem...	3756 Facilis St.	17160	Bellefonte	PA	United States	hous@Cur...	1-418-549...	1969-12-31
11017	Guy	Ward	Public Relations	9631 Conavillo Road	31481	Kearney	NE	United States	asellitich...	1-482-582...	1969-12-31
11018	Indira	Kemp	Public Relations	329-2784 Connecte...	37668	Columbus	GA	United States	facilisis.f...	1-203-381...	1969-12-31
11019	Yeo	Solis	Customer Service	P.O. Box 166, 6218 ...	79269	Pike Creek	DE	United States	nisi.nibh.L...	1-860-450...	1969-12-31
11020	Irene	Conway	Public Relations	Ap #890-8571 Phas...	38896	Erie	PA	United States	interdum...	1-292-130...	1969-12-31
11021	Dale	Underwood	Accounting	Ap #555-2020 Num...	44417	Cheyenne	WY	United States	Sed.auctor...	1-642-889...	1969-12-31
11022	Idona	Hansen	Sales and Market...	Ap #315-3268 Vel St.	39888	Pine	NY	United States	interdum...	1-429-363...	1969-12-31
11023	Jerome	Griffin	Public Relations	P.O. Box 125, 3200 ...	40861	Boston	MA	United States	orci.Ut.sag...	1-469-686...	1969-12-31
11024	Cody	Yates	Advertising	Ap #810-546 Tincid...	61655	Newport...	VA	United States	ent.ac.faci...	1-548-799...	1969-12-31

Ready

No objects selected

CARDSTUDIO 2.0

CardStudio 2

File Edit Record Options View Help

ID number	First name	Last name	Company	Department	Street Address	Postal / Zip
11000	Xavier	Woodward	Ipsum Corp.	Support	Ap #951-8642 Nulla Avenue	E538 6BZ
11001	Nathalie	Freeman	Auctor Velit Aliquam Corporation	Support	7556 Tellus Rd.	X18 2YK
11002	Andy	Andrews	Ligula Aliquam Erat LLC	Logistics	683-1951 Magna Street	ZQ5R 9WH
11003	Lila	Gibbs	Natoque Penatibus Industries	Logistics	9969 Magna Avenue	DZ5 7QK
11004	Lea	Garrison	Tincidunt Inc.	Sales	484-4424 Hendrerit Road	I5 0RW
11005	Elisa	Morton	Tellus Industries	Marketing	811-1925 Accumsan St.	Q39 0N1
11006	Moses	Cooke	Dolor Corp.	Accounting	P.O. Box 261, 7065 Donec Street	JR3 0YL
11007	Lucinda	Glass	Ac Libero Nec Ltd	Finance	Utrechtlaan 28	3500 ZZ
11008	Alice	Banks	Ligula Incorporated	Sales	9820 Duis Avenue	ZQ2 6KQ
11009	Fulton	Edwards	Ut Dolor Dapibus PC	Payroll	807-554 Eget, Rd.	NDR 8PI
11010	Luke	Hayden	Velit Industries	Accounting	P.O. Box 979, 8292 Aliquam Rd.	AA48 5MV
11011	Sumna	Eaton	Diam Sed Institute	Support	7698 Laoreet Road	IR 5WQ
11012	Leo	Guy	Fringilla Est Mauris LLC	Accounting	3091 Ornare Ave	YF4 4DE
11013	Hashim	Petty	Malesuada Augue Ut Company	Legal	104-9716 Et Rd.	OV4 9IR
11014	Dora	Benton	Quam Pellentesque Ltd	Accounting	909-6078 Tortor Rd.	ZZ46 4W0
11015	Quamar	McKay	Ac Corp.	Marketing	Ap #240-2602 Dolor Road	XJ0Y 75C
11016	Fulton	Carlu	Venenatis Foundation	Logistics	Ap #710-2208 Auctor Road	WNBO 6NG
11017	Amy	Velasquez	Nulla Limited	Accounting	Ap #141-5760 Ultrices Rd.	R3E 9YX
11018	John	Schmidt	Ante Nunc Consulting	Logistics	Ap #695-5136 Ligula Rd.	OD8 1QU

Elisa Morton Marketing

11005 Previous record Next record

First name: Elisa
Last name: Morton
Company: Tellus Industries
Department: Marketing
Email: mattis.semper.dui@lorem.org
Phone: 1 91 714 6928-6800
Card status: Active

Street Address: 811-1925 Accumsan St.
Postal / Zip: Q39 0N1
City: New Radnor
Region: Radnorshire
Country: UK
Birthdate: 18-10-1974 (15)

Number of cards: 1

Opened project: Example project 1.

Showing 36 of 36 records 1 record selected



CardStudio™ 2.0 General Information

Encoding & Printing

PRINT & ENCODE FEATURES	CARDSTUDIO 1.0				CARDSTUDIO 2.0			
	Classic	Standard	Enterprise	Professional	Classic	Standard	Enterprise	Professional
Barcodes 1-D – Code 39,128	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Barcodes 1-D – All	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Barcodes 2-D	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Magnetic encoding (ISO, JIS)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Contactless smart card wizard	No	No	No	Yes	No	No	No	Yes
DESFIRE	No	No	No	No	Yes	Yes	Yes	Yes
Supports latest Zebra Printers	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes



CardStudio™ 2.0 General Information

Encoding & Printing

CARDSTUDIO 1.0

- ENCODING
- SMARTCARD ENCODING

CARDSTUDIO 2.0

- CREATING ENCODING FILES USING THE CCI EDITOR
- SMARTCARD ENCODING
- **DESIRE ENCODING**

