CS Driver & CardDesiree CS

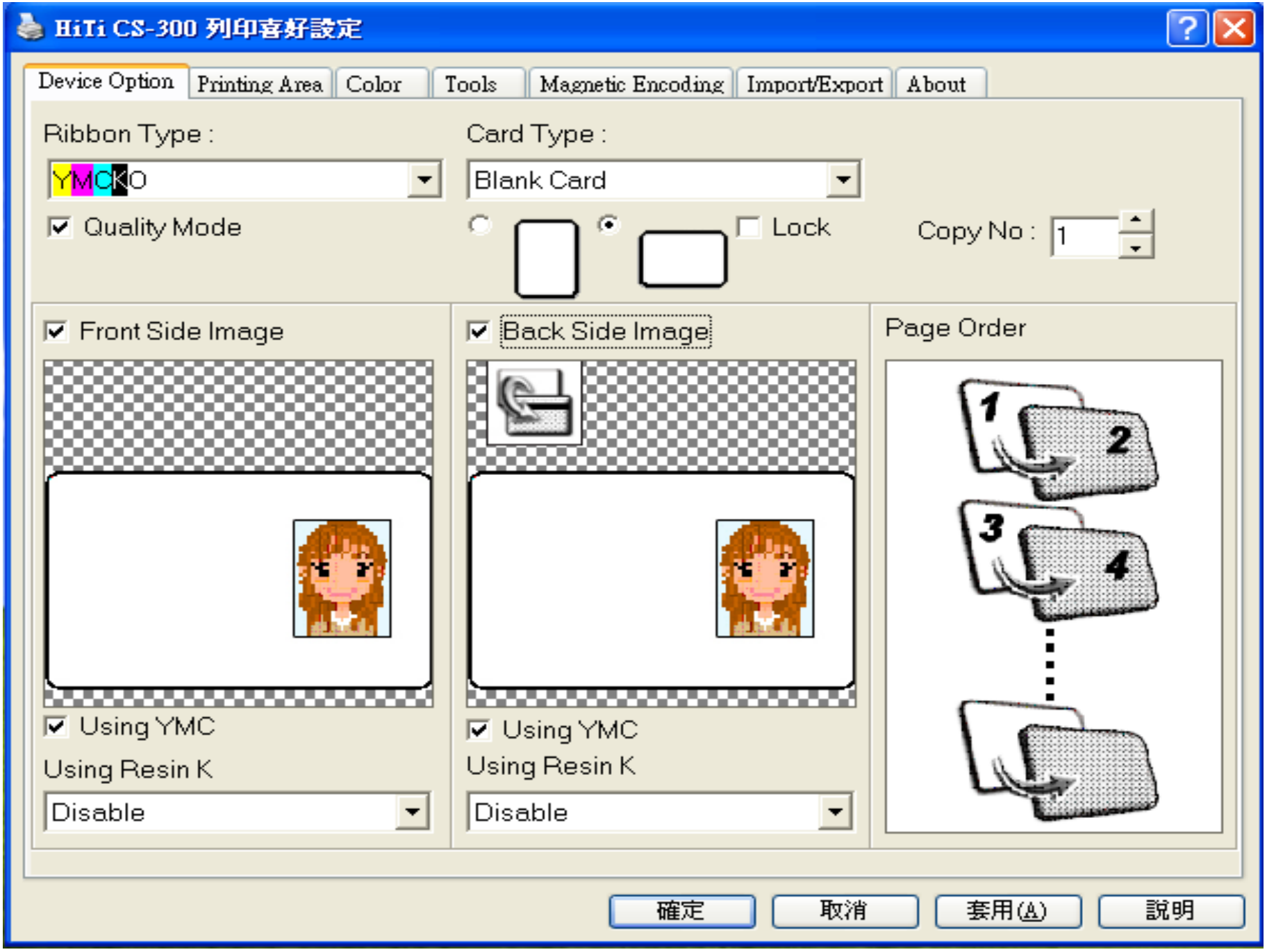
- CS Driver
- Application
  - CardDesiree CS
  - DBM

Provide by SW-Engineer

CS Driver

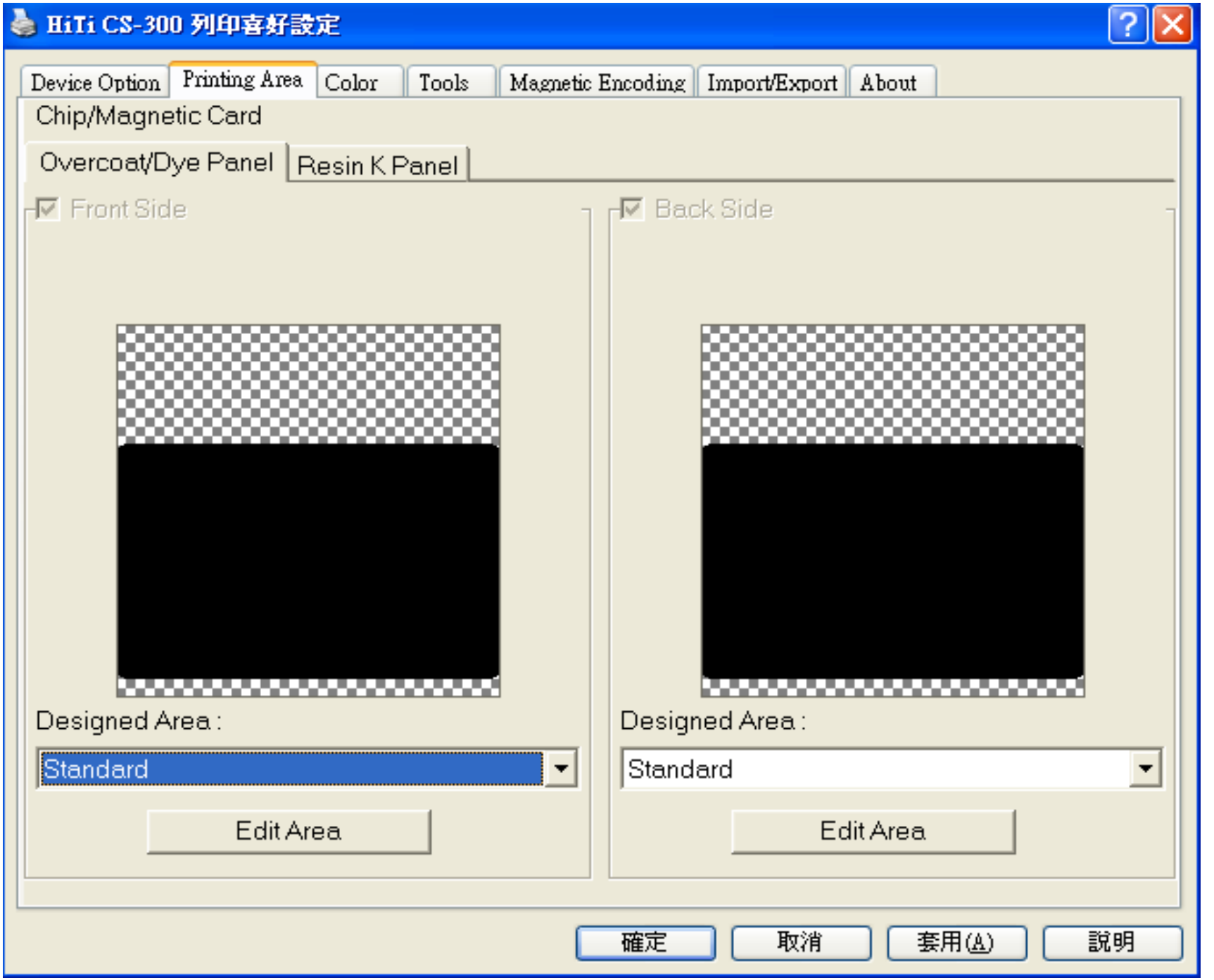
- Driver is divided into seven different categories (not incluede general properties)
  - Device Option
  - Printing Area
  - Color
  - Tools
  - Magnetic Encoding
  - Import/Export
  - About

Driver – Device Option



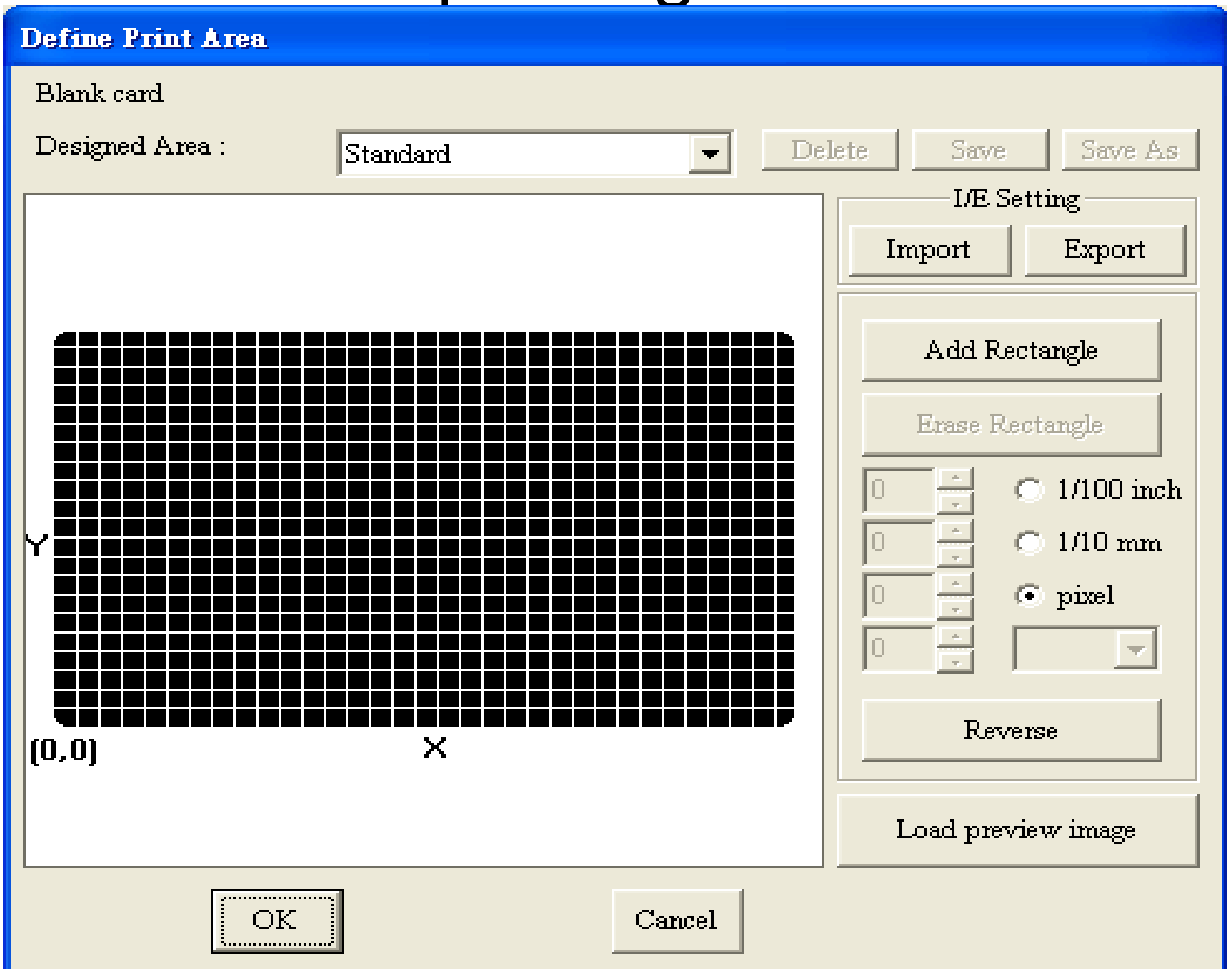
- Ribbon Type :Three types for your selection
  - YMCKO, Resin K and ½ YMCKO ribbon
- Card Type :Six types for your selection
  - Blank card, 6-pin smart chip card, 8-pin smart chip card, Magnetic stripe card, chip/Magnetic card and Adhesive card
- Quality Mode : The default setting is Quality
  - If you uncheck the option, the printing speed will increase but the quality will decrease.
- Printing Direction : Portrait or Landscape
  - Lock checkbox : If you are using 3rd party software other than CardDesiree CS and your computer's default printer is not CS series, please check the checkbox to fix the printing direction
- Copies : Set the number of copies to print
- Front/back side setting :

Driver – Printing Area Setting



- Purpose : You may modify areas which will be printed or unprinted.
  - The dark area represents the area which will be printed. The blank area represents the area where will not be printed (eg. Magnetic/Chip card).
- Overcoat/Dye Panel :
  - You can edit the area which will be printed with over coating or not.
- Resin K Panel :
  - You can edit the area which will be printed with Resin K or not.
- Design Area :
  - You can select Standard or select a template file with designed area through the drop-down list..
  - You can press [Edit Area] to create a new printing area.

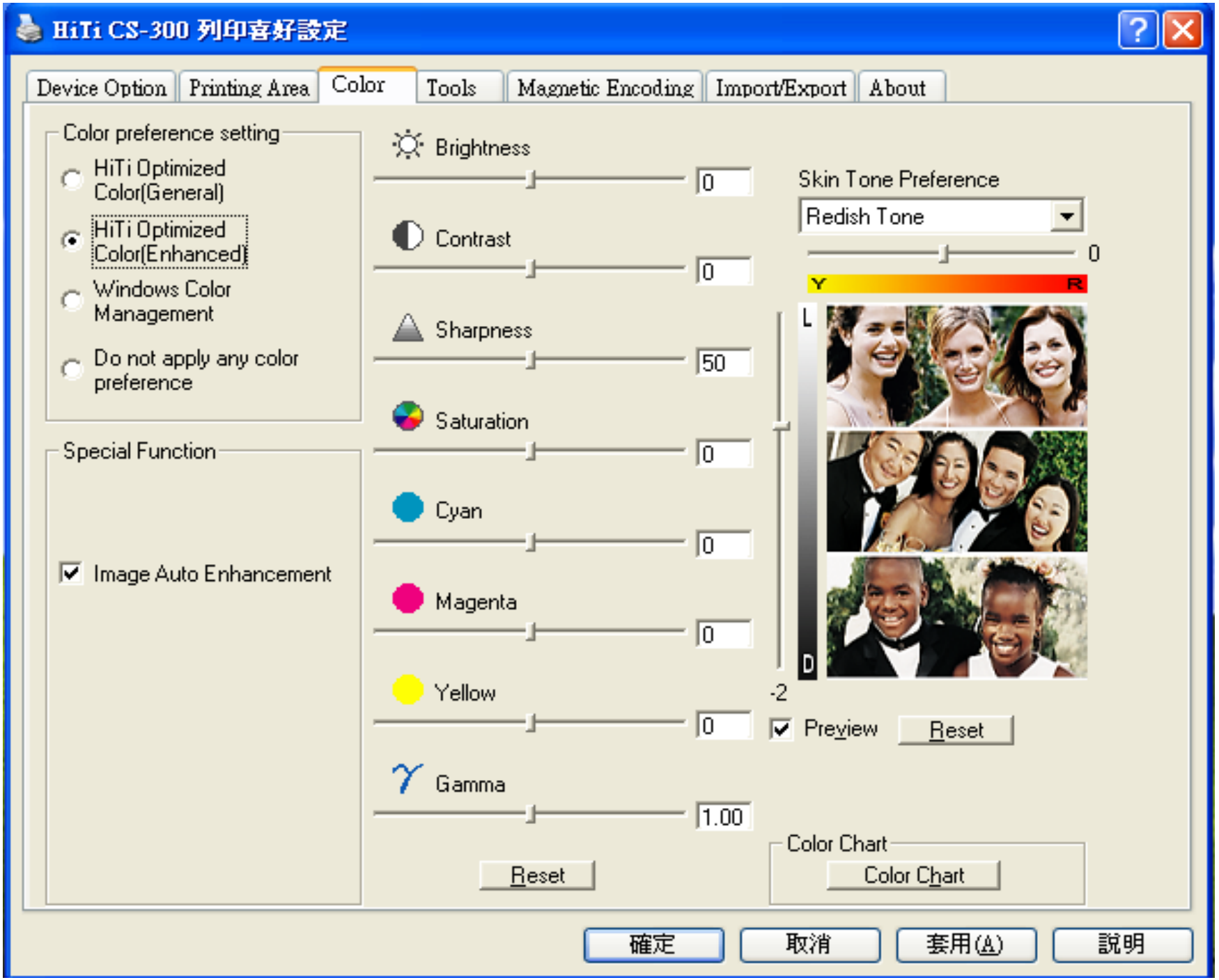
Edit printing Area UI



- Designed Area :
  - You can choose default layout or customized layout previously designed and saved through the drop-down list. If you would like to create a new layout. please select [User defined] .
- Delete : Delete the layout file.
- Save : Save the layout file in a particular folder after editing.
- Save as : Save the layout file in any location after the modification.
- Import : Import the layout file from any location for editing.
- Export : Export the layout file to any location.
- Add rectangle : Add a non-printing area. You can set the width, height and position of this area.
- Erase rectangle : Delete a non-printing area.
- Rectangle list : You can select a different rectangle from the rectangle list.

- Reverse : Press the button. You can inverse all non-printing areas to be printing area.
- Load preview image : You can load any image to adjust the position of the card and preview the effect after adjusting.
- Magnetic Strip positioning :
  - Some Magnetic Strip position is difference. You can use the button to adjust.

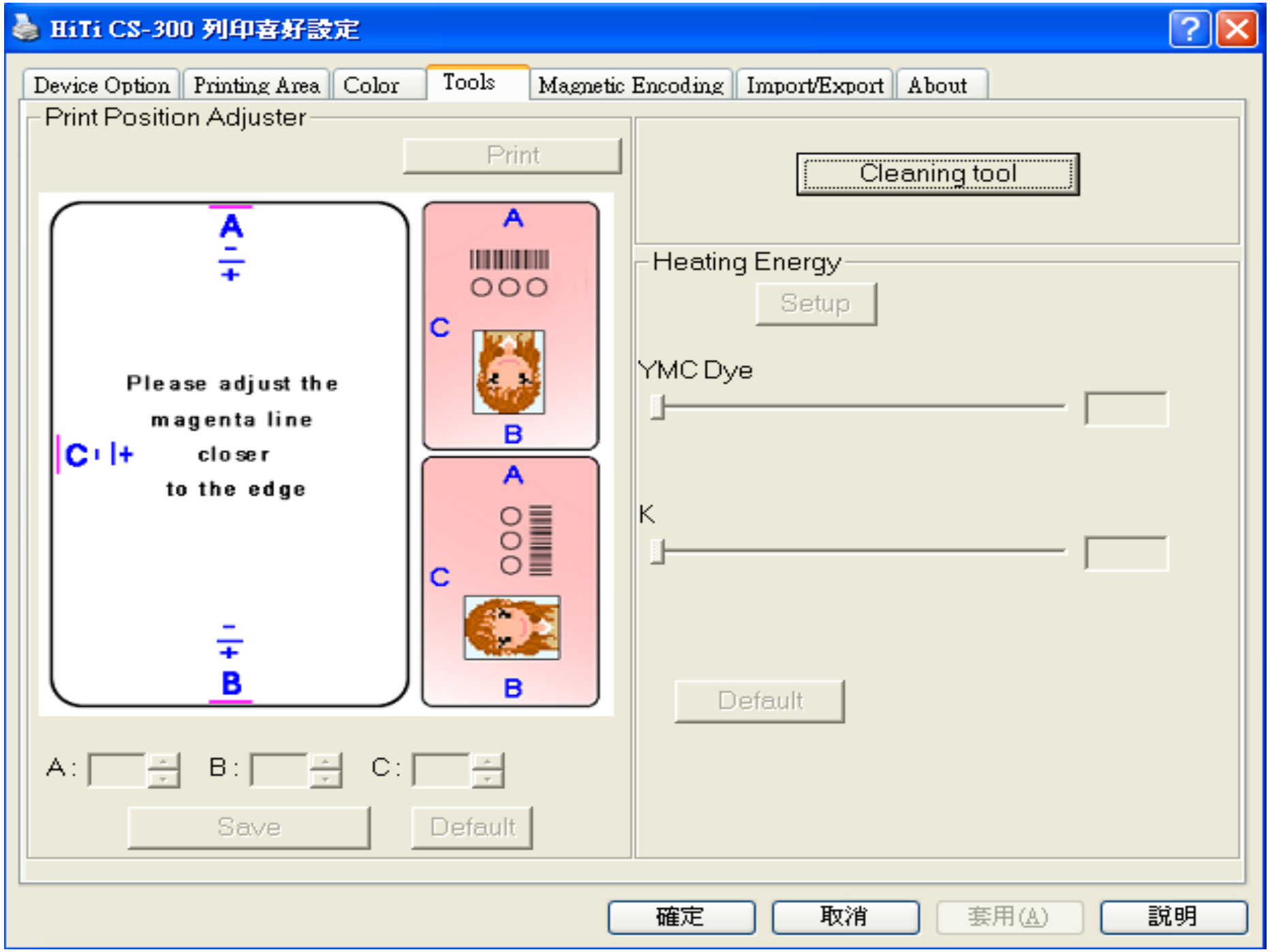
Driver – Color



- Color:
  - You can set print out color of your preference in this page.
- Color preference setting : There are four options
  - HiTi Optimized Color(General):The standard color presentation
  - HiTi Optimized Color(Enhanced):Stronger contrast
  - Windows Color Management : When applying this option, please check the .icc profile exist or not.
  - Do not apply any color preference
- Special Function :
  - Image Auto Enhancement(Default selected). The function increases print out color preference
- Printer color Adjuster :
  - You may adjust the printing color performance and sharpness via 8 slider bars or use “Reset” button to return to the default setting.

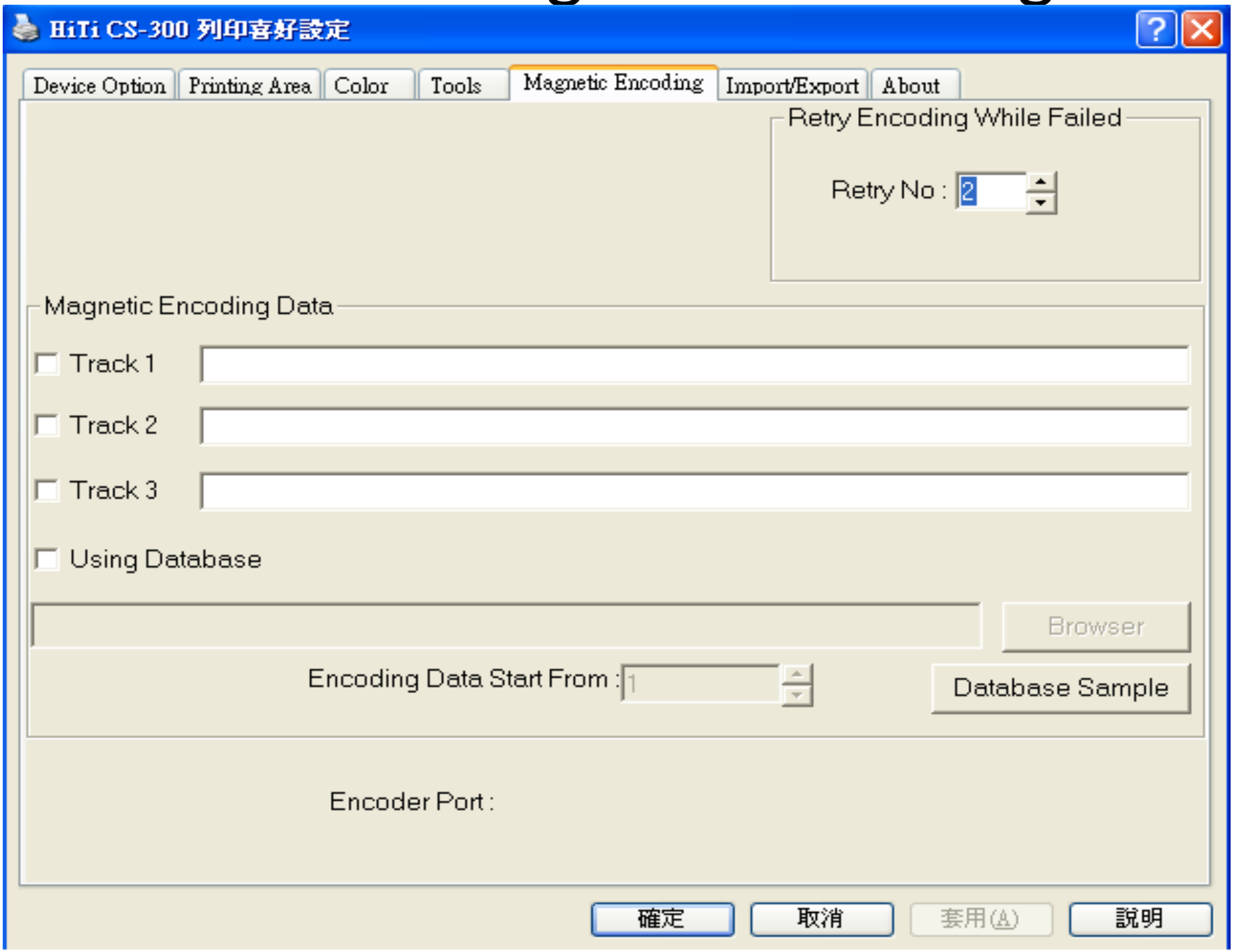
- Skin Tone Preference : You may adjust skin tone for your preference through this function.
  - Redish Tone : relatively Red color performance.
  - Yellowish Tone : relatively Yellow color performance.
- Skin Tone adjuster :
  - Yellow/Red Adjuster bar(Y/R bar) : The adjuster scale from -5 to 5, displays the range of adjustment between Yellow and Red.
  - Light/Dark Adjuster bar(L/D bar) : The adjuster scale from -5 to 5, displays the range of adjustment between Light and Dark.
  - Preview : This display the variation of skin tone after adjusting these bars.
  - Reset : Back to the original setting.
- Color Chart : You may select a color range and print out a color chat to check the print out color preference.

Driver-Tools



- Tools: This page will not be worked if the PC does not connect to a CS printer.
- Printing Position Adjuster : You may set the thickness of a card and print out a test chart, then modify parameter[A] or [B] or [C] to adjust printing position.
- Cleaning Tool : You can use the cleaning mode to clean your printer. (Using cleaning card in the Ribbon pack)
- Heating Energy : You can set “YMC Dye“, “K“ parameters, from 1 to 10 to decide the color intensity.
  - If you select the YMCKO ribbon, you can adjust the parameters for YMC and Resin K.
  - If you select the Resin K ribbon, only Resin K parameter can be adjusted.

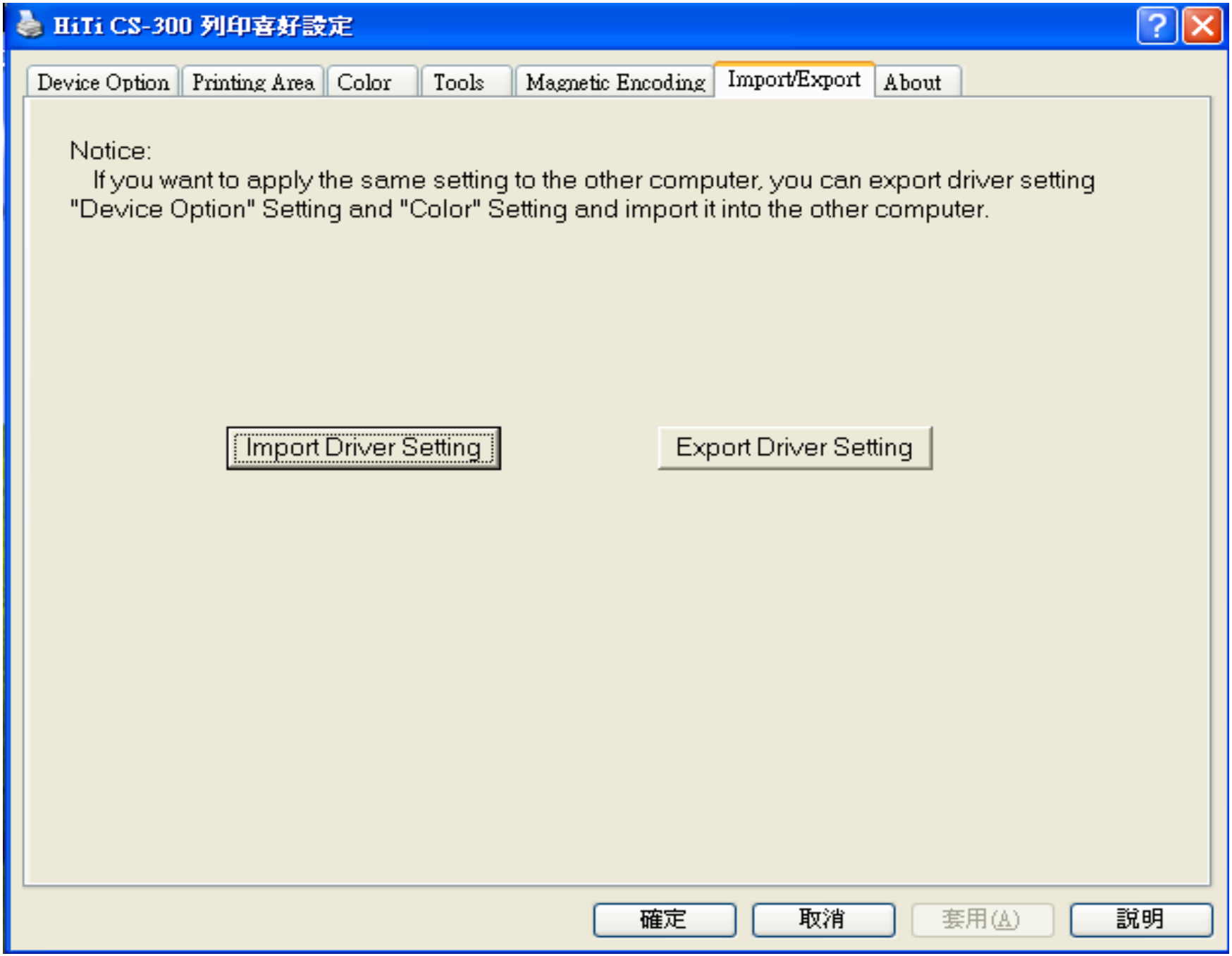
Driver – Magnetic Encoding



- Magnetic Encoding Data :
  - Input Magnetic Data directly.
    - When you are not using the database, you can manually input data for the magnetic stripe encoding.
  - There are three tracks within the magnetic stripe.
    - The first track includes alphanumeric characters and other simple symbols.
    - The second and the third tracks accept numeric characters only.
- Using Database : Apply database for encoding
  - Browse : browse the file path for database
  - Encoding Data Start From : Decide which data to start encoding from database
  - Database Sample : The format of database.
- Encoding Port : The information about the connection port.

- Retry NO. : The times of retrying.
  - After finishing encoding, the encoder will automatically read the data for the verification. If the reading fails, the device can be set to repeat the process according to user's setting.

Driver - Import/Export

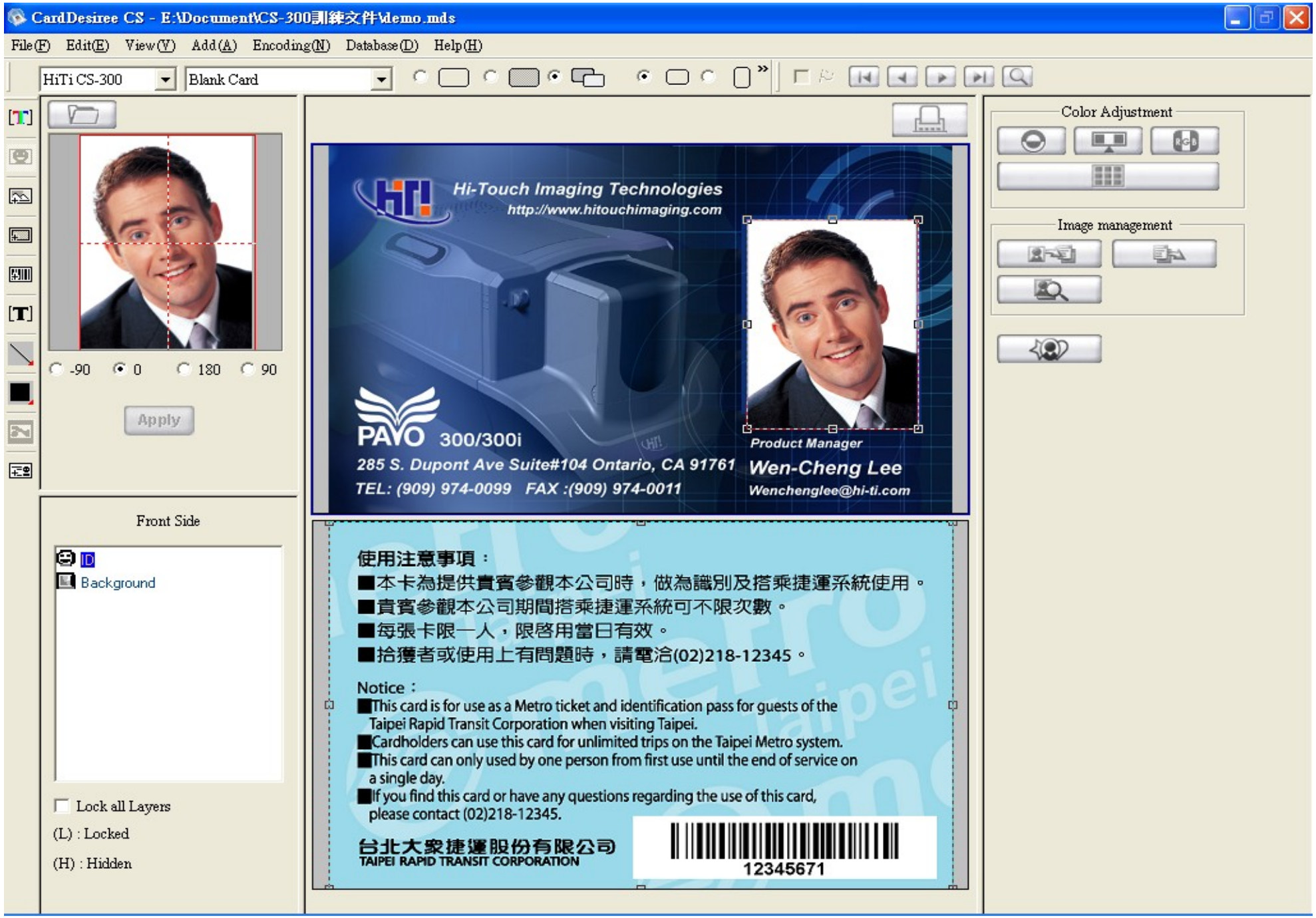


- Import driver setting :
  - You can import the [Device Option] and [Color] page setting from other computers to your computer.
- Export driver setting :
  - You can export the [Device Option] and [Color] page setting to other computers.
- Notice :
  - Import/Export function does not include [Printing area] page.
-
- About:
  - This section shows the detail information of this driver and website page for any inquiry.

CardDesiree CS

- Software Interface : Main Interface
  - Menu Bar
  - Tool Bar : Add layer and card selection bar.
  - ID Photo Insertion Area
  - Layer control
  - Edit area and property page
- Card Editing
- Encoding Functions
  - Contact and contactless Smart Card Encoding Function
  - Magnetic Card Encoding Function
- Database

Main Interface



Main Interface – Menu bar



- File : The “File” menu option includes
  - Open : open a saved template (mds file)
  - New : create a new template
  - Close : close the template
  - Save : save the template
  - Save As : save as a new template
  - Exit : Exit CardDèsirèe CS
- Edit : The “Edit” menu includes
  - Layer functions : Cut, Copy, Duplicate, Paste, Delete, Push layer to top, Push layer to bottom, Bring forward, Send Backward, Layer positioning (Define the position of layer)

- View : The “View” menu option includes:
  - Rulers (show/hide rules)
  - Grid line (show/hide grid lines)
- Add : Add layer's component
  - Background : import a background
  - Color Text : add a color text
  - Resin Text : add a resin text
  - Bar Code : add a bar code
  - ID Frame : add an ID frame
  - Line : add a line
  - Graphic :add a figure
  - E-frame : add an e-frame

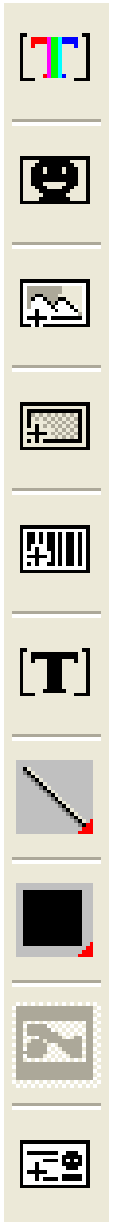
- Encoding
  - Contact Smart Card
  - Magnetic Card
  - Contactless Smart Card
- Database :The “Database” menu option includes
  - Connect/Disconnect Database
  - Record : Move record
  - Record list : show the database list
  - Layer Mapping : map the data source of each layer
- Help
  - Help : Help menu
  - About CardDèsirèe CS

Main Interface – Card Selection Bar



- Select printer :
  - CardDèsirèe CS supports HiTi CS-2 series, CS-300 & HiTi 640DL-Amphi
- Select card type :
  - This supports: Blank Card, 6-pin Smart Chip Card, 8-pin Smart Chip Card, Magnetic Stripe Card, Chip/Magnetic Stripe Card and Adhesive Card
- Side selection :
  - Front, back or dual sides
- Orientation :
  - Portrait or landscape

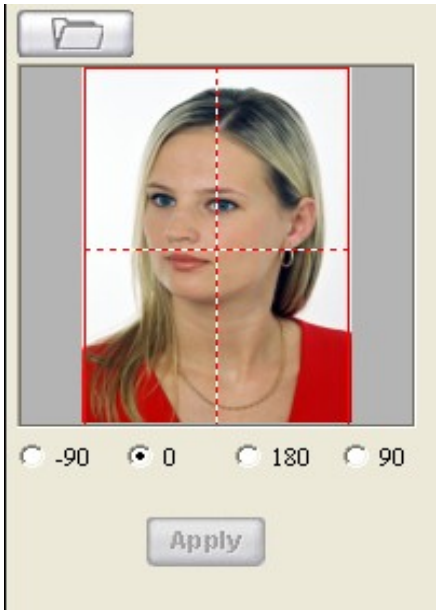
Main Interface – Add Layer tool bar



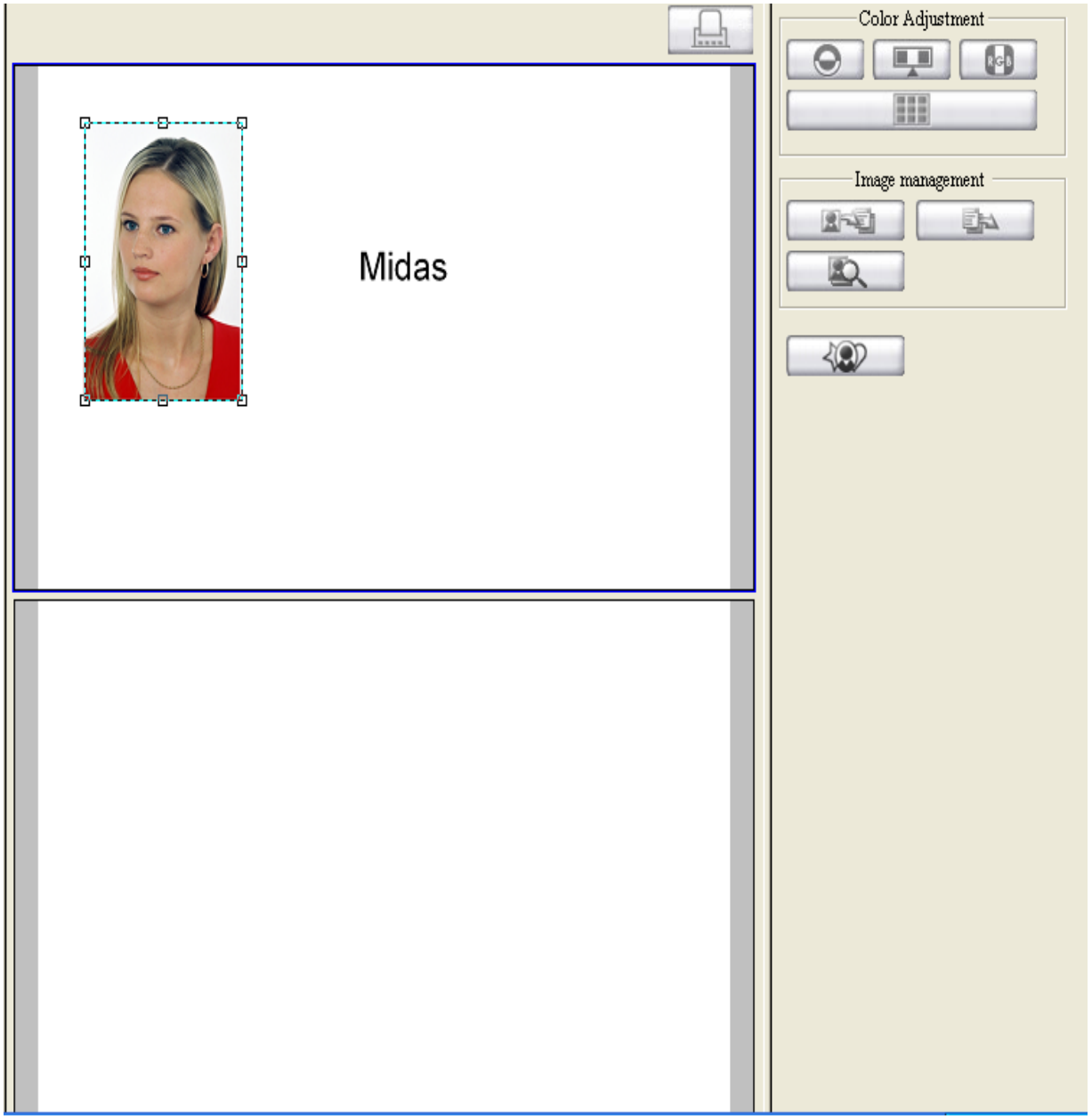
- The tool bar options include
  - Add color text
  - Add ID frame
  - Add image
  - Import background
  - Add bar code
  - Add Resin Text
  - Add Line
  - Add Figure
  - Import e-frame
  - Open “*.mds” Files

Main Interface – Other

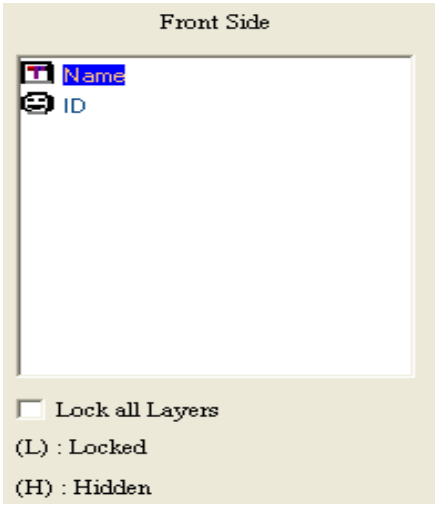
- ID Insertion Area



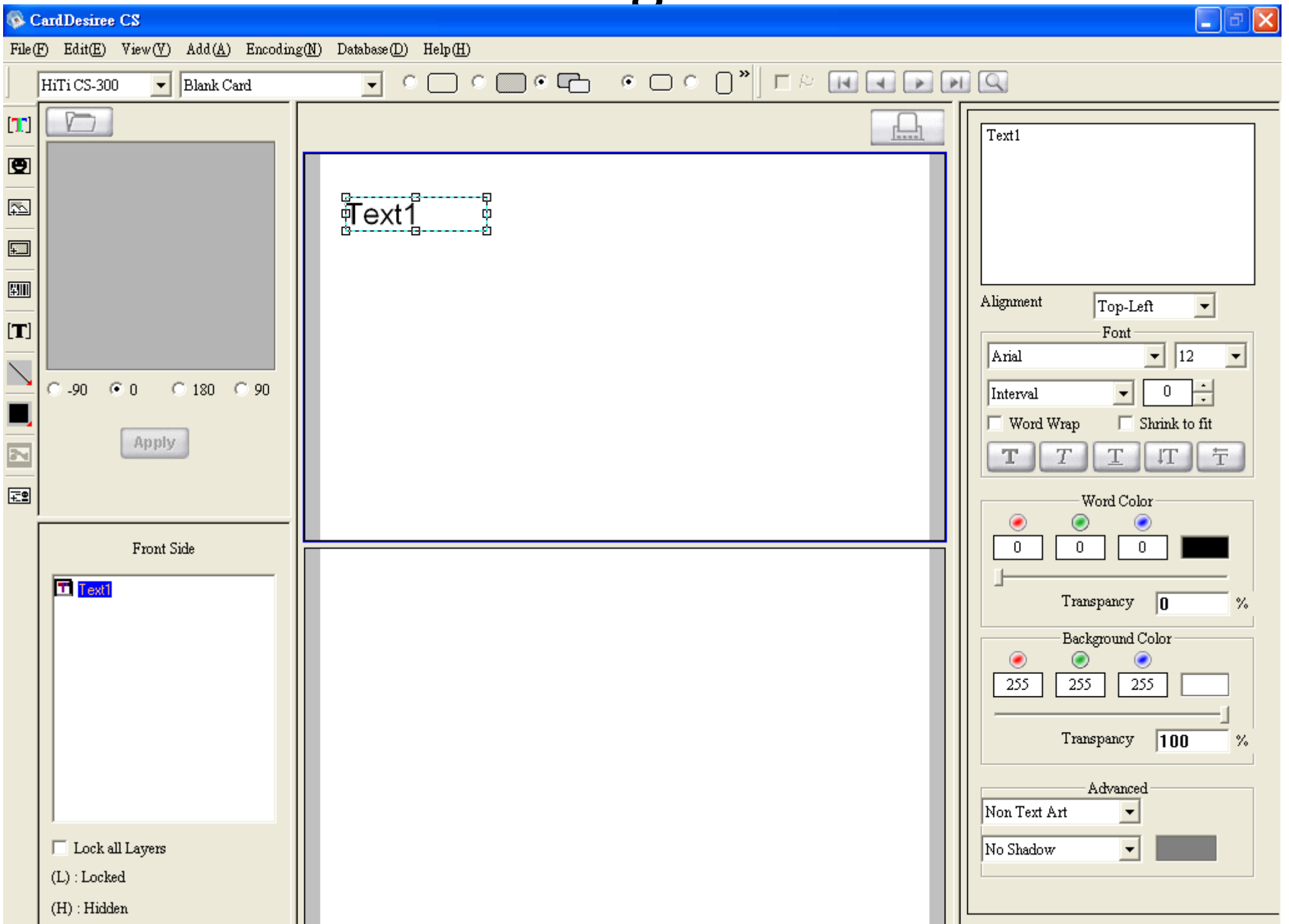
- Edit area



- Layer control

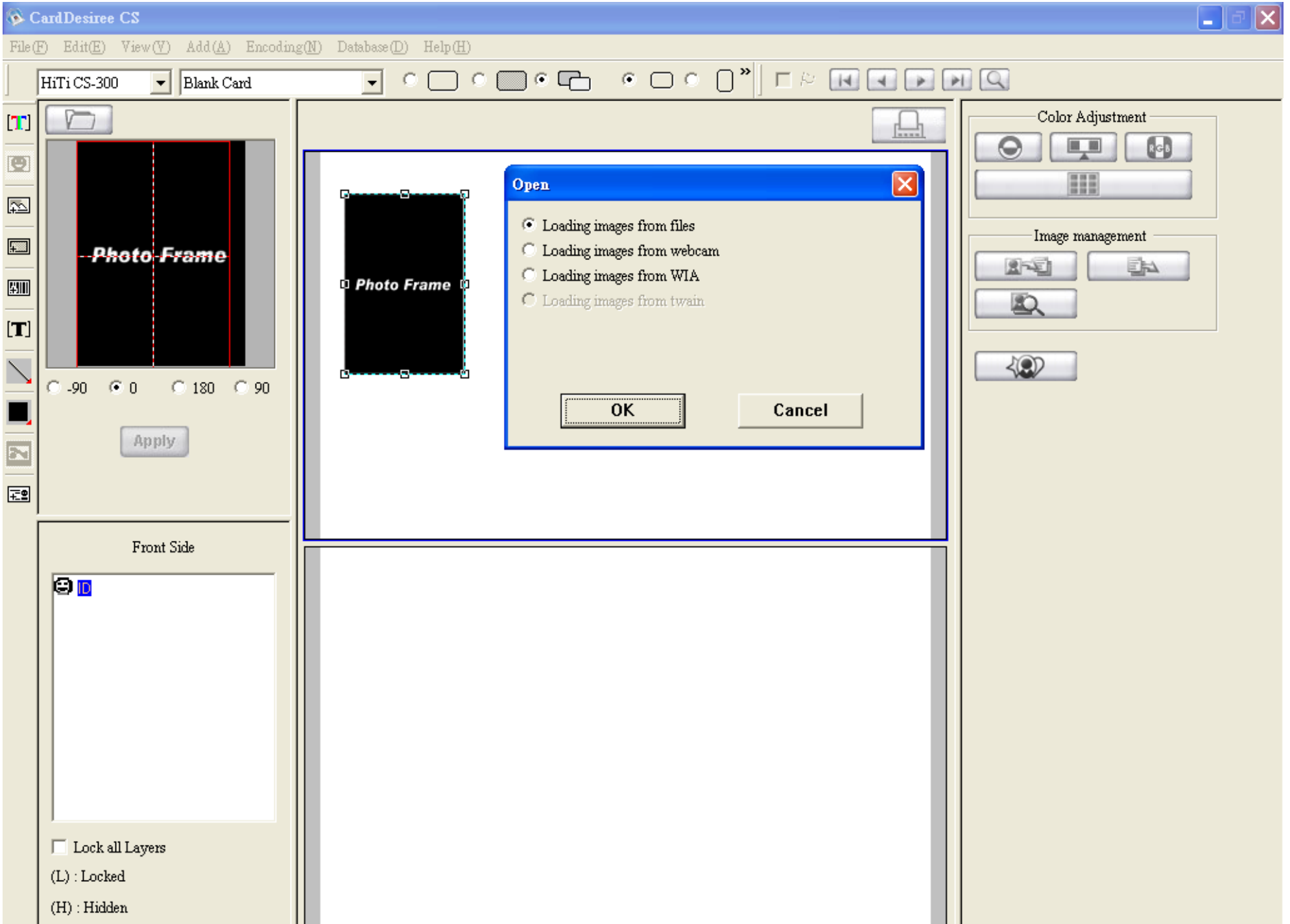


Card Editing-Add a text



- Add Text :
  - Alignment : top-left, top-center, top-right, center-left, center-center, center-right, down-left, down-center, down-right
  - Font :
    - Select Font type, size and interval,
    - Five buttons : **bold**, *italic*, underline, vertical, right to left
    - Word Wrap :
    - Shrink to fit :
  - Background color :
    - Set R, G, B color
    - Set transparency
  - Word Color : Resin Text don't support
  - Advanced text setting : Resin Text don't support
    - Text Art type
    - Shadow : shadow type and color

Card Editing-Add a ID

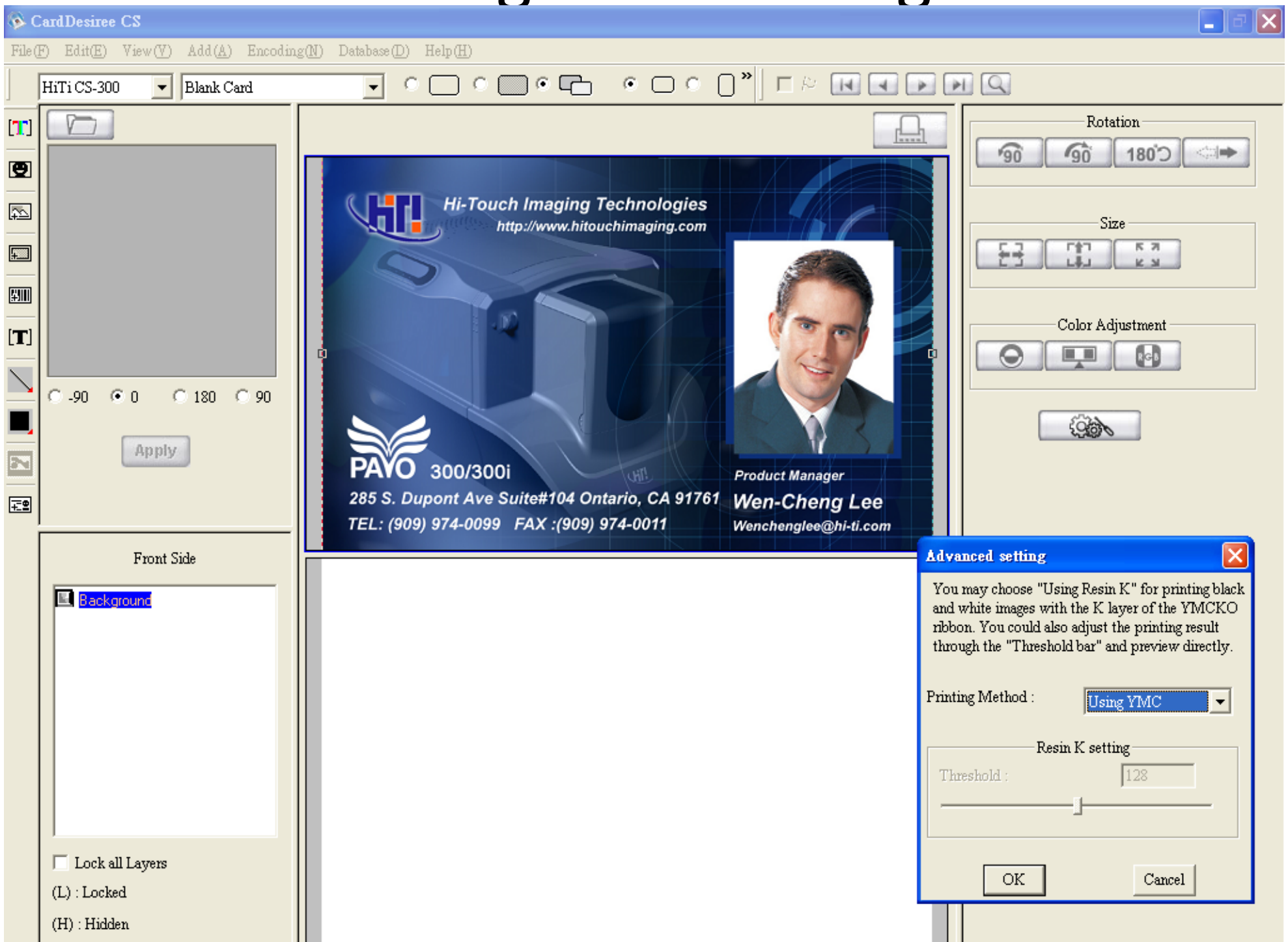


- How to add a ID Frame :
  - Click “Add ID” in “Add layer's component” tool bar then the button “Load image” in ID insertion area.
  - Load image methods
    - Loading images from files : Directly loading images from files.
    - Loading images from webcam : capture an image by a webcam.
    - Loading images from WIA (for Windows XP/ME) : capture an image through WIA interface.
    - Loading images from TWAIN (for Win98/2000) : capture an image through TWAINinterface.
- How to adjust ID images
  - Adjust the ID photo through the red frame for the area you would like to focus on.
  - Adjust the orientation of the ID photo
  - Click Apply button in ID's insertion area.

- ID Editing:
  - Color Adjustment :Four buttons :
    - Bright/Contrast, Hue/Saturation, Color Balance and Skin MiraBella (choice your favorite from 9 fine skin types)
  - Image management : The following functions will work only after you have connecting to a database file, opened Print Info (Print Information Database).
    - Save post processing image : The function work after adjust color properties
    - Reload original photo : The function work after click “Save post processing image”.
    - Confirm image existence :The function work must point to a “ODBC source (point to a file name)”.
      - When you click “**Confirm image existence”,** the computer will examine the images and the data you have marked in “Printing Information database”. If an image does not exist in the path, a dialog is shown as the figure on the right. After you click “**OK**”, the data without the image will not be marked in “Printing Information database”. After you mark “**Skip printing of all data without images”**, all of the data

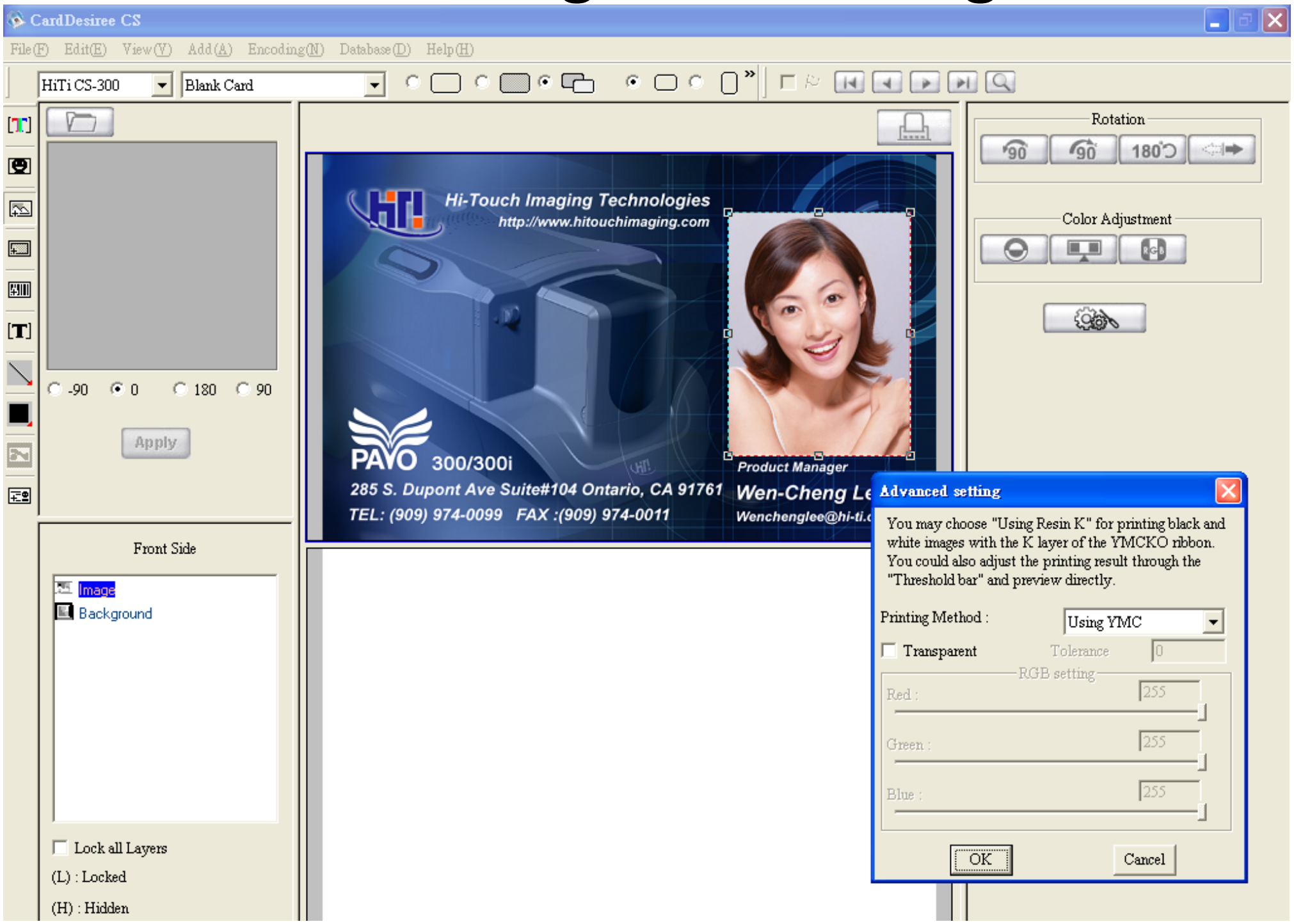
- Change image shape:
    - The shape of ID photo frame is not limited to a regular square. Click on the button and select your favorite shape.
    - Select the shape which you want.

Card Editing-Add a Background



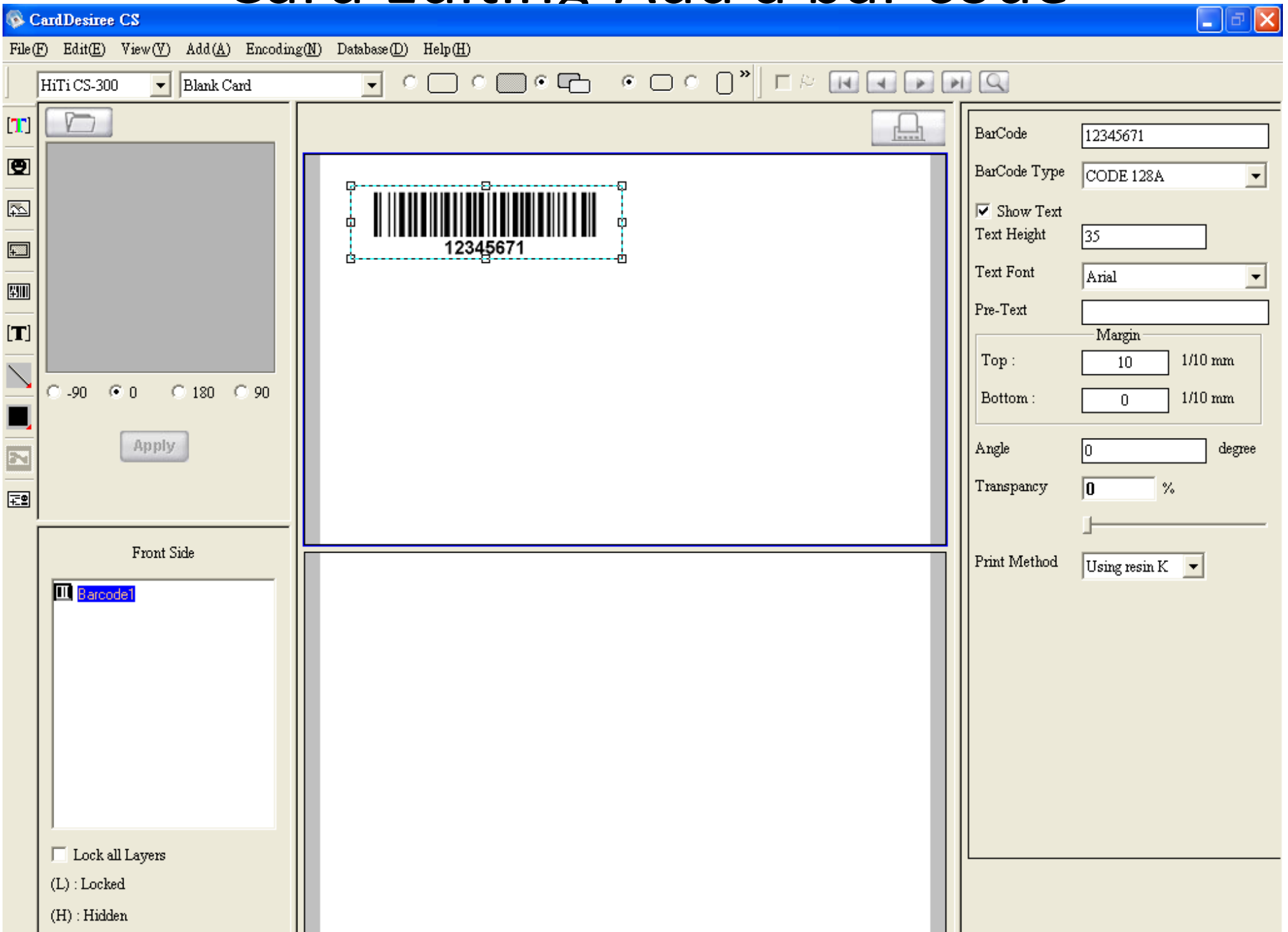
- How to add a background image :
  - Click “Import background” in “Add layer's component” tool bar
- Editing :
  - Rotation : Rotate 90° counterclockwise, Rotate 90° clockwise, Rotate 180° and Mirror
  - Size : Fit to with, Fit to Height and Fit to Frame
  - Color Adjustment : Bright/Contrast, Hue/Saturation and Color Balance
  - Advanced setting :
    - Choose different ribbon type to print. Using resin K ribbon means using the K layer of YMCKO ribbon to print the background in black and white image. You could also adjust the printing result through the “Threshold bar” and preview directly.

Card Editing-Add an image



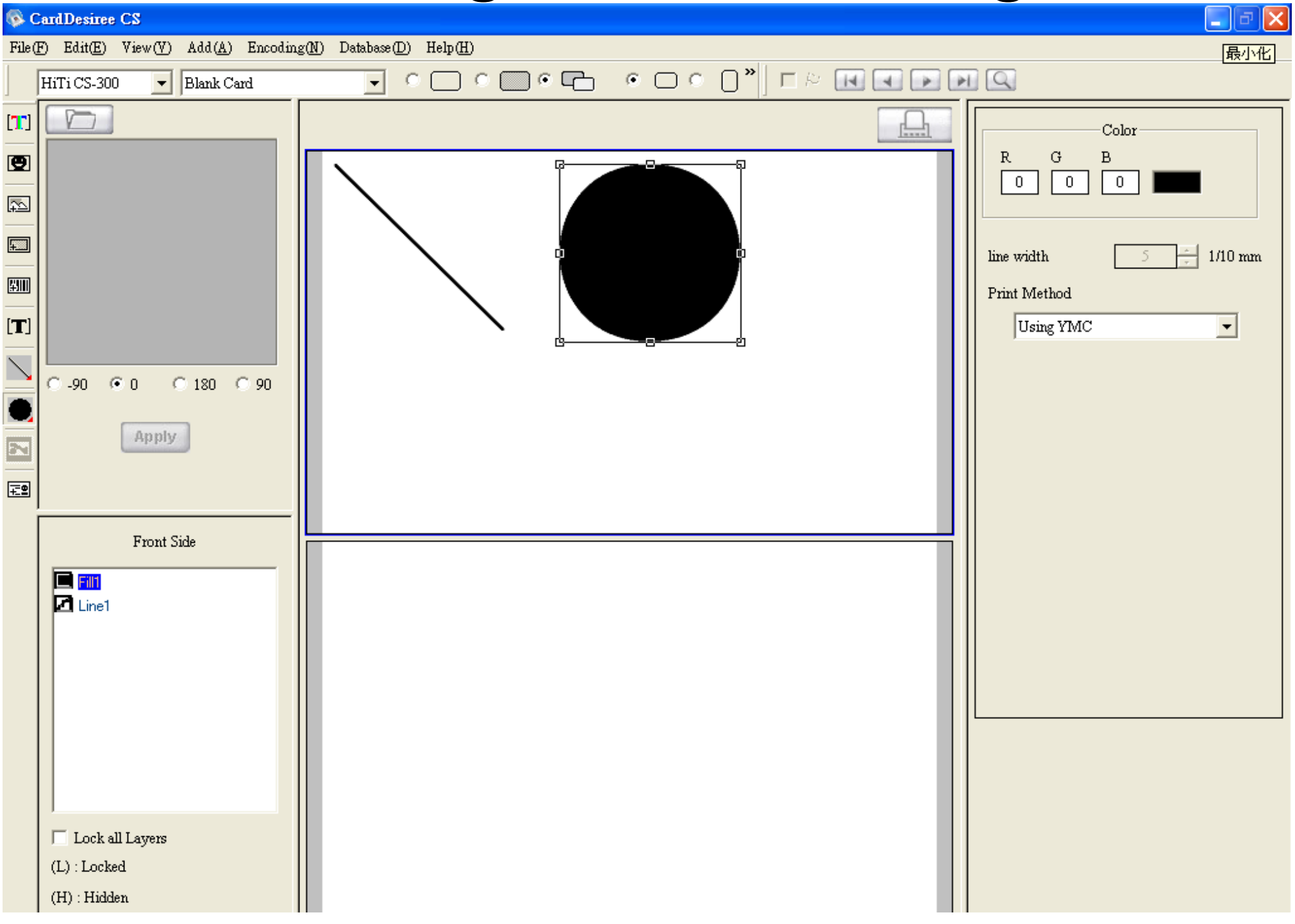
- How to add an image:
  - Click “Add image” button in “Add layer's component tool bar” to add an image from the assigned source. The added image would not be defined like an ID photo
- Editing:
  - Rotation : Rotate 90° counterclockwise, Rotate 90° clockwise, Rotate 180° and Mirror
  - Color Adjustment : Bright/Contrast, Hue/Saturation and Color Balance
  - Advanced setting :
    - The image is similar as a background.
    - If you select “Resin K ribbon” : You can set “transparency”
    - If you select “YMC ribbon” : You can set “transparency” and ”tolerance“ for R, G, B value.

Card Editing-Add a bar code



- How to add a bar code :
  - Click “Add bar code” button in “Add layer's component tool bar”
- Editing :
  - Bar code : Content
  - Bar code type : bar code format
  - Show text : show text
  - Text height : Text Height
  - Text font : Text Font
  - Margin : set the margin of top and bottom
  - Angle : Angle
  - Transparency : Transparency
  - Printing Method : Using different ribbon to print

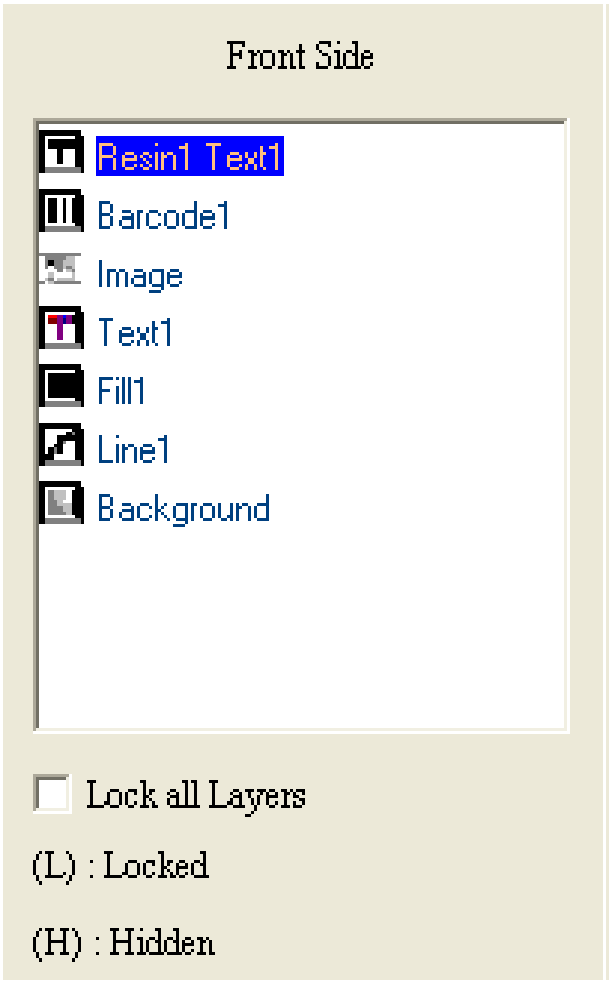
Card Editing-Add Line and Figure



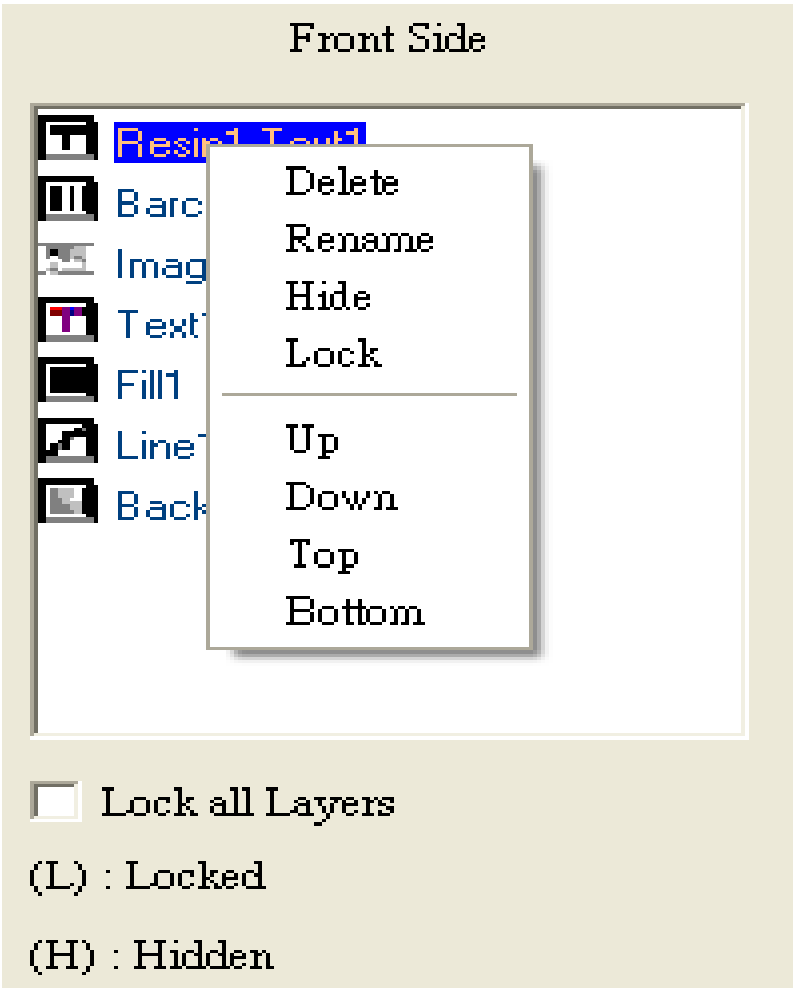
- How to add Line or Figure:
  - Click “Add Line ” or “Add Figure” button in “Add layer's component tool bar”
- Editing:
  - Color : You can choose the color for Line and Figure by inputting figures in the blanks under R/G/B, or click the color board.
  - Line width : you can also choose different width for line, Rectangle and Circle which is not filled up.
  - Printing Method : Using different ribbon to print

Card Editing-Layer Control

- All layers are shown in the archive (They may include Color Text, Resin Text, Background, Barcode perhaps ID frame photo) , you can focus on one of them and click mouse right button to adjust



- Mouse right-click function keys



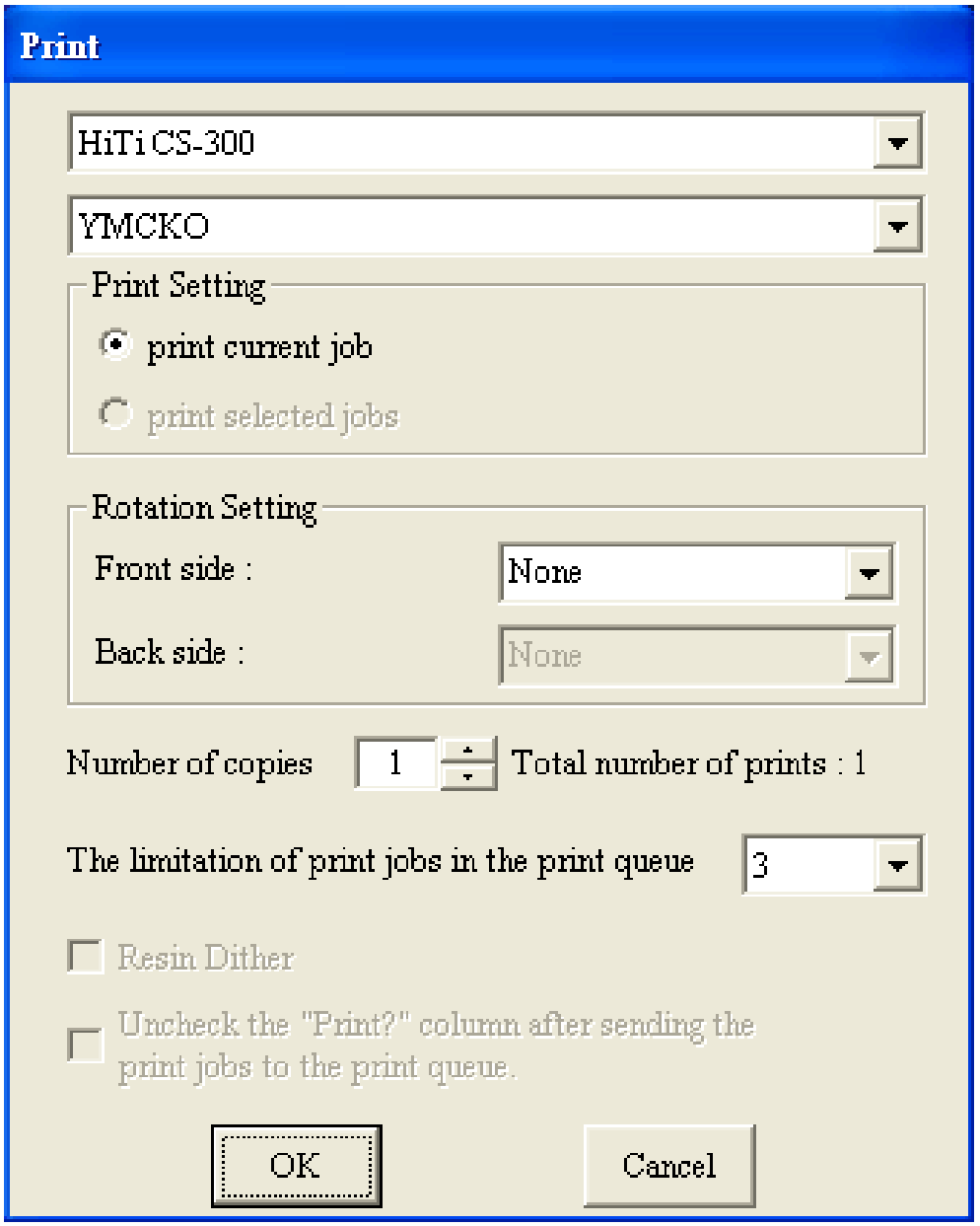
Card Editing

- In the editing area, you can focus the layer by clicking the mouse button. If there is a focused layer, then the menu below will pop out.



Card Editing – Print a card

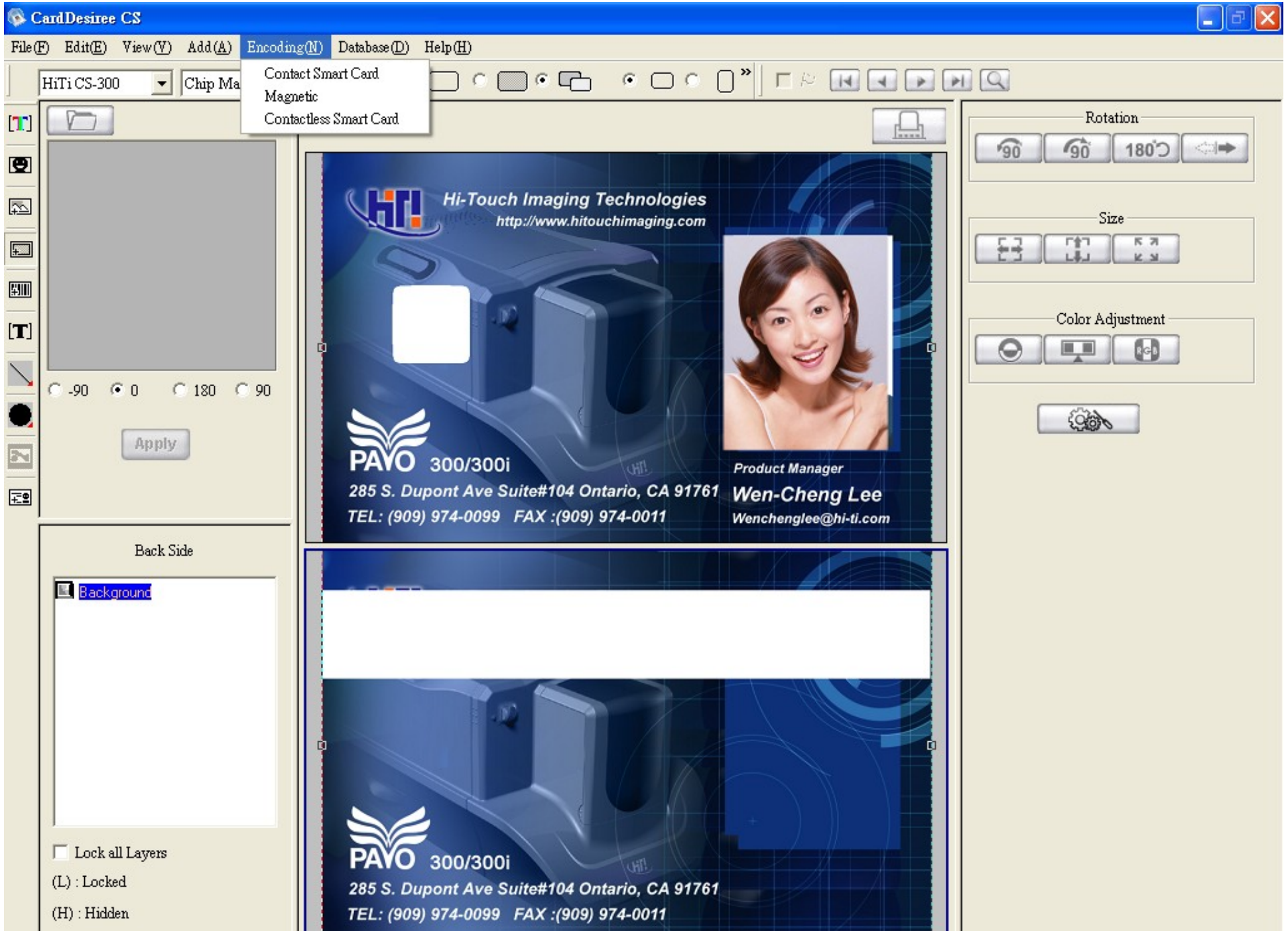
- After the editing is done, click “print” button in edit area to print the card. The printing dialog as follow.



- Printing dialog:
  - Select printer : Hiti CS-2 series, CS-300 or 640DL-Amphi for your options.
  - Ribbon options: YMCKO, Resin K or ½ YMCKO ribbon for your options.
  - Printing Setting: Print current job or selected job.
  - Rotation setting: You could rotate the image 180 degrees while printing.
  - Number of copies & Total number of prints.
  - The limitation of print jobs in the print queue: From 3 to 10 and unlimited jobs.
  - Resin Dither : Using an algorithm to transfer the color image to black and white.
  - Uncheck the “Print?” column after sending the print jobs to the print queue.
    - The property work must connect to the “print info. Database”

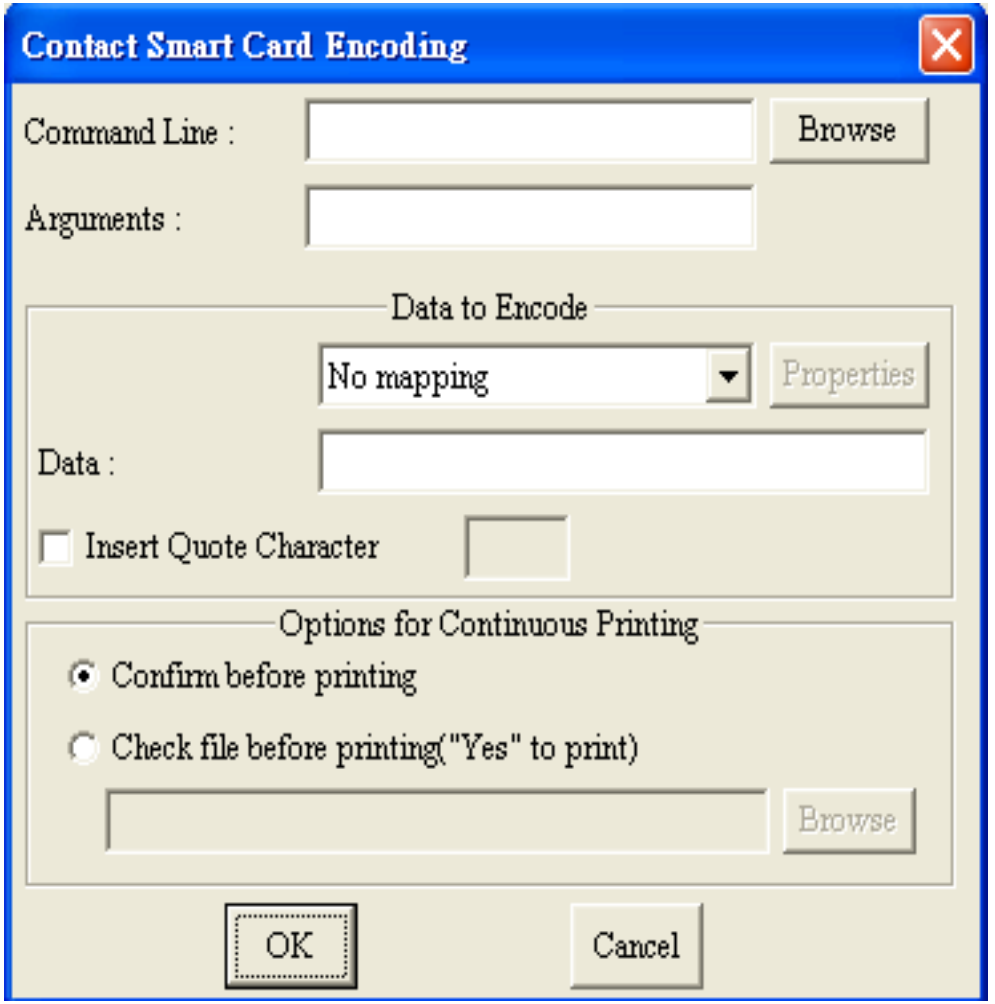
- Notice : Cancel Printing
  - While printing, you can click “Cancel” to stop printing.
  - When you click the “Cancel” button, the print job which has already been sent to the print spool will **STILL** be printed out.
  - However, when you click “Cancel” button, the print job which has **NOT** been sent to the print spool will be canceled.

Encoding Functions



Encoding–Contact and Contactless

- Contact Card Encoding Function
  - You can apply encoding functions to a 6-pin Smart Chip card ， 8-pin Smart card ， and Chip Magnetic Card. After you select “Contact Smart Card”, there will be a blank in the editing area of the front side.
- Contact and Contactless Card Encoding dialog



- Contact and Contactless:

  -- Command Line: The file path to launch the encoding function

  - Arguments: Parameters pass to the launched Application.
  - Data to Encode: Data Source for encoding.

    - You can input encoding data directly. Or you can select Counter Source 、 Date/Time Source 、 Concatenation Source or ODBC Source as your data source.

    - Insert Quote Character ： You can input quotation mark once you mark this item.

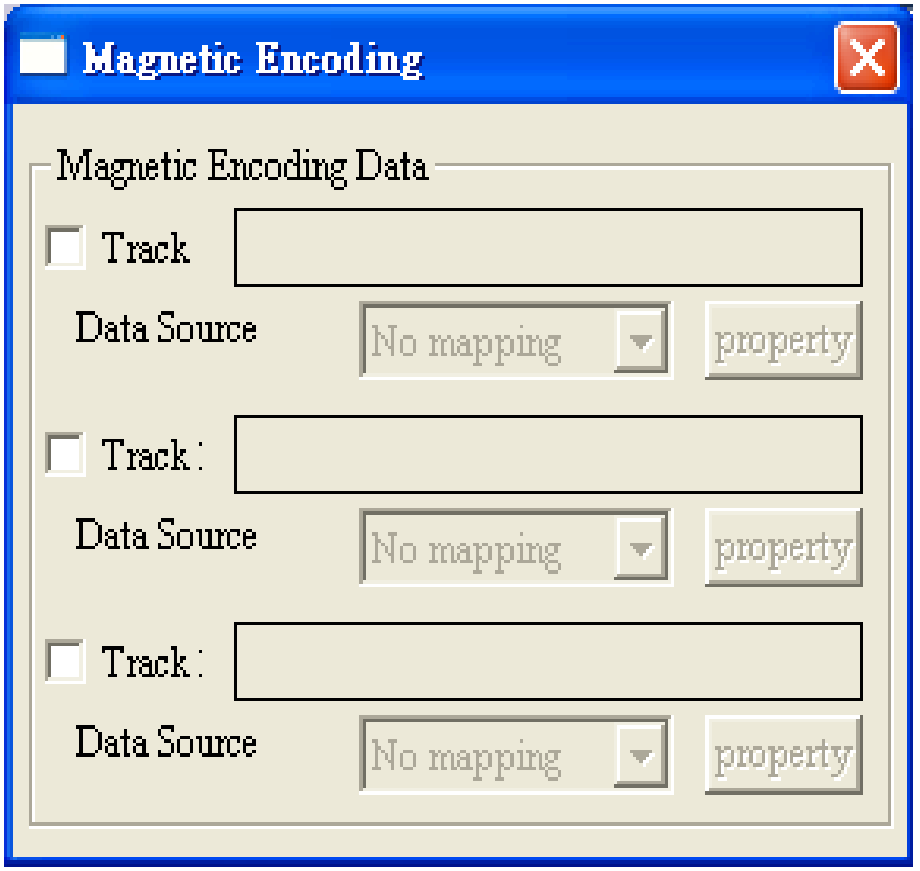
  - Options for Continuous Printing :

    - Confirm before printing .

    - Check the file before printing ("Yes" to print): After checking the file, flaw contact smart cards will not be printed and only perfect contact smart cards will be

Encoding–Magnetic Stripe

- Contact Card Encoding Function
  - You can apply encoding functions to a Magnetic Stripe Card or Chip Magnetic Card. After you select “Magnetic Stripe Card”, there will be a blank in the editing area of the back side.
- Magnetic Stripe Encoding dialog



- You can select tracks you would like to encode and decide the d

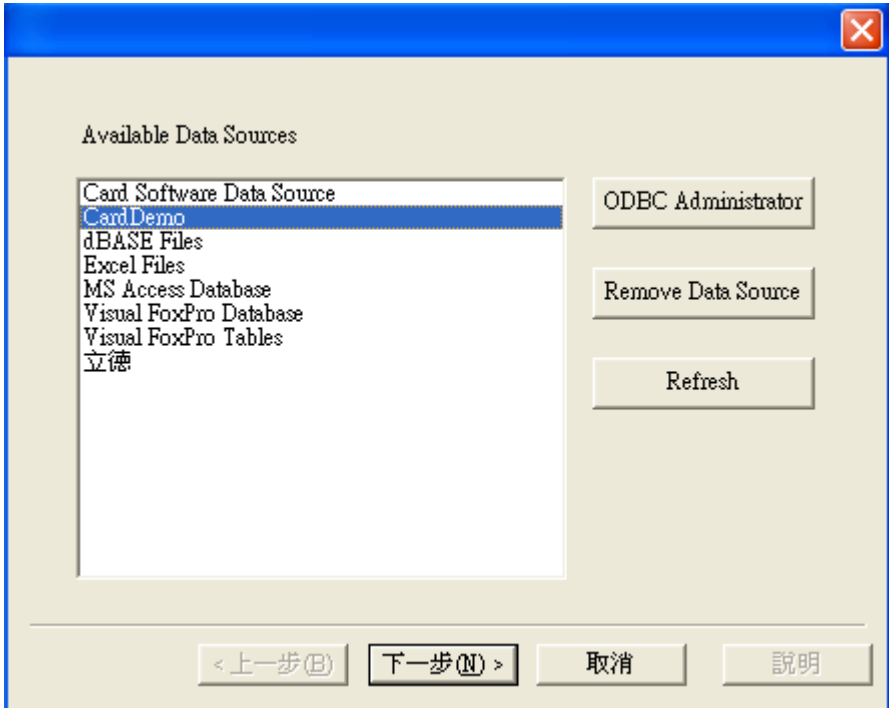
  ata source :

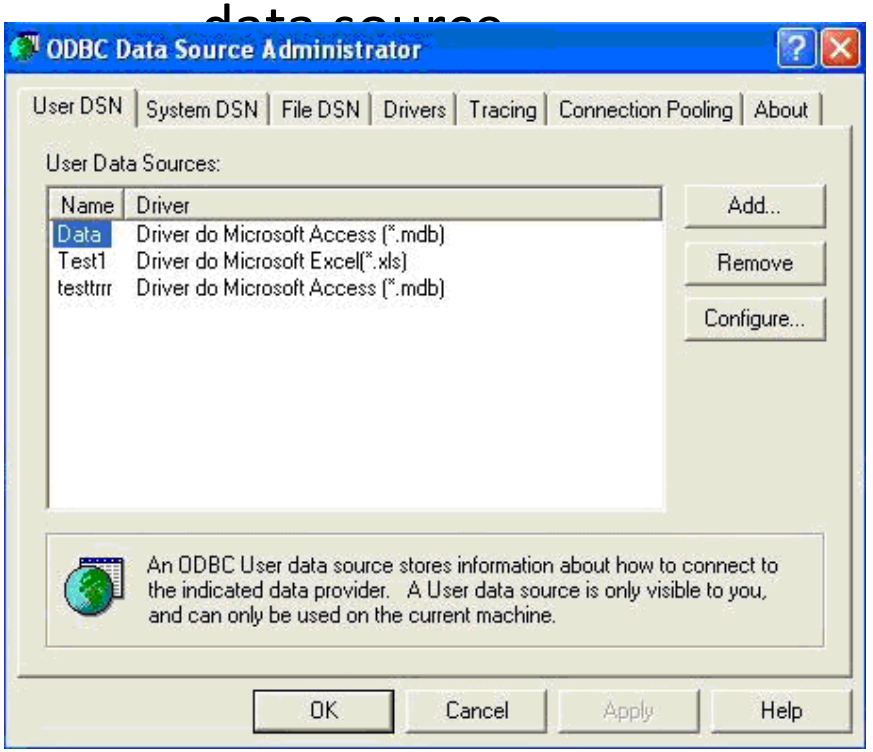
  - No Mapping: Input data directly
  - Select a data Source : Counter Source ， Date/Time Source ，
    Concatenation Source or ODBC Source as your data source.

Database

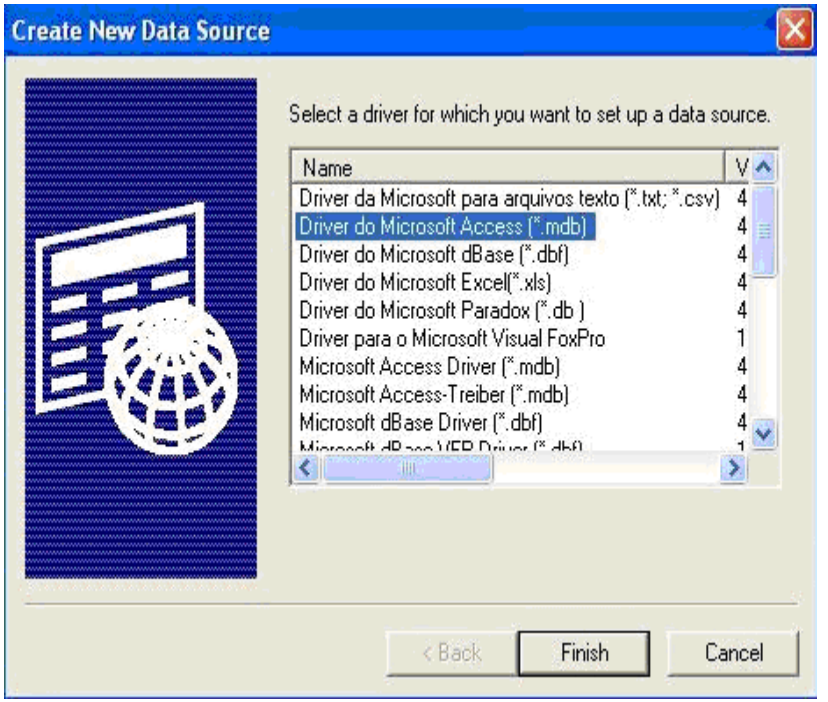
- This function is to help you connect the variable data, which is set in a template of your own design, with the target database to perform batch printing. After you build up a database, you could connect the components in the template, such as ID photo, text content, barcode, and even background image with data in different columns of the database through the “Database” function in CardDèsirèe CS.
- When you click on the “print” icon, printer will automatically print the data item by item.
- ※Notice ： ODBC is the connecting interface between CardDèsirèe CS and the database file but ODBC does not support Unicode. Thus, some characters can not be displayed when connecting the database file through ODBC even you edit your database file by Unicode.

- How to connect to an existing database file
  - Select [Database]->[Connect Database] in Menu bar,a dialog display as follow.
  - If you haven't built a data source, please click on [Add] button after you enter [ODBC Administrator] to build a data source

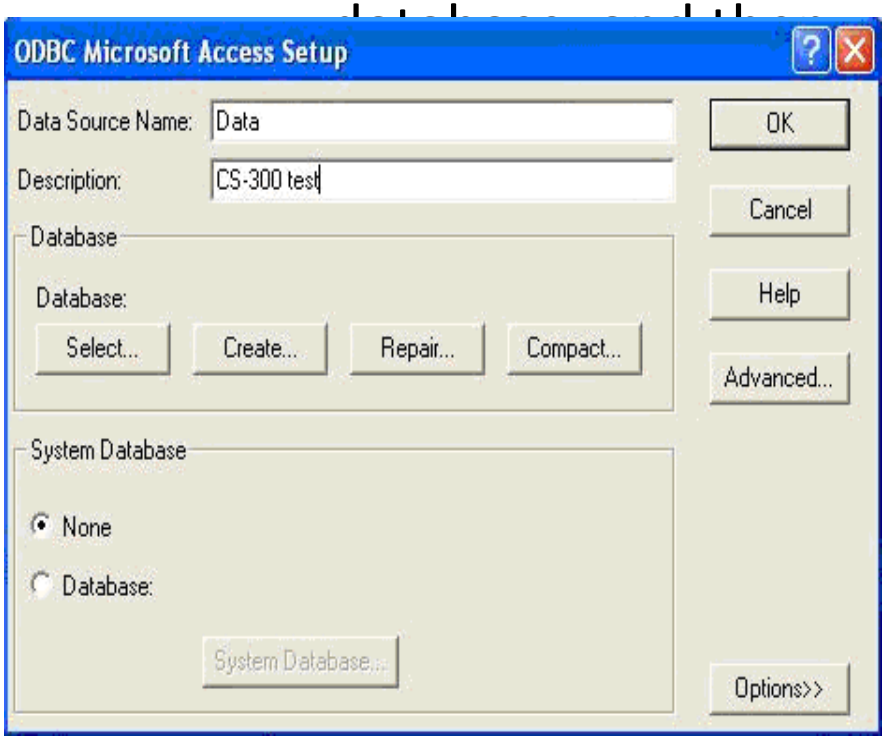




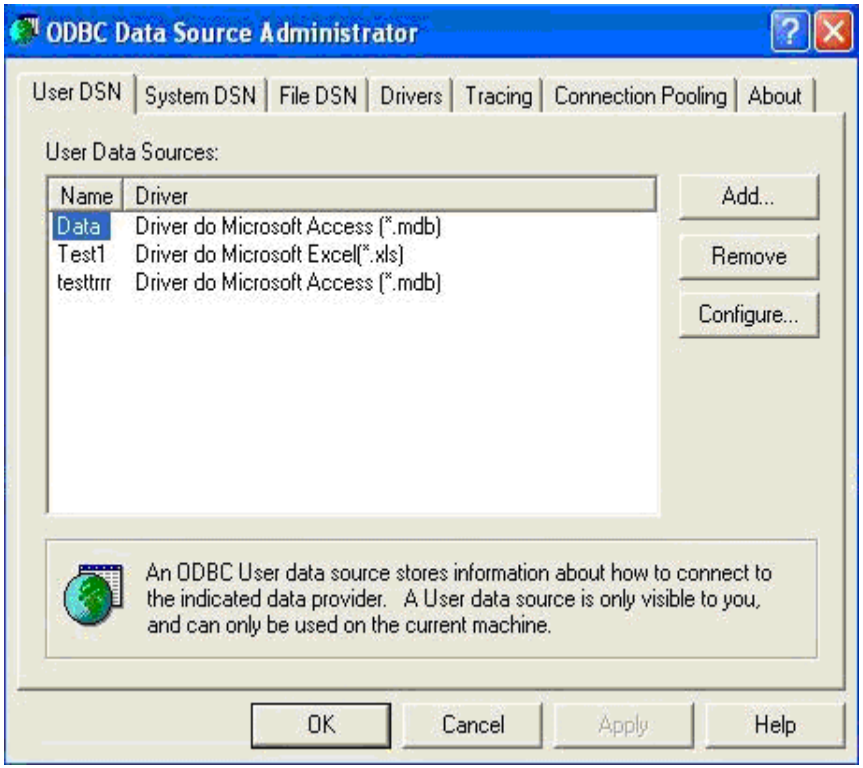
- Select a driver for the data source. (It should be *.mdb or *.xls file in general) Then press **Finsh**.



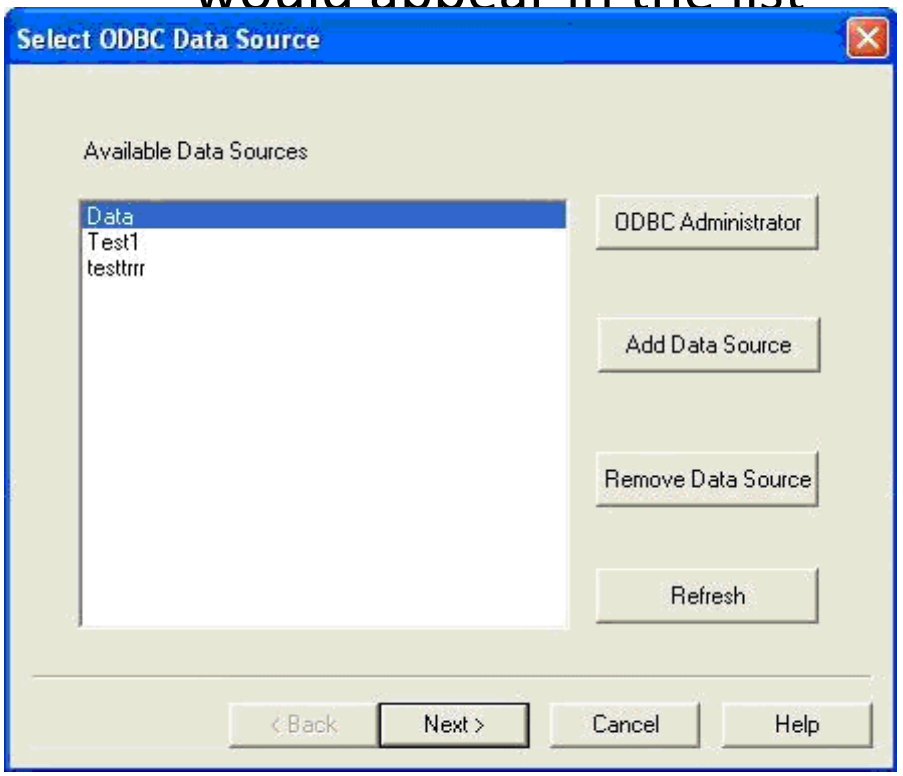
- Input a name and description for the data source, and then press **Select**.
  - Sampled by an Access file
  - Browse and select a



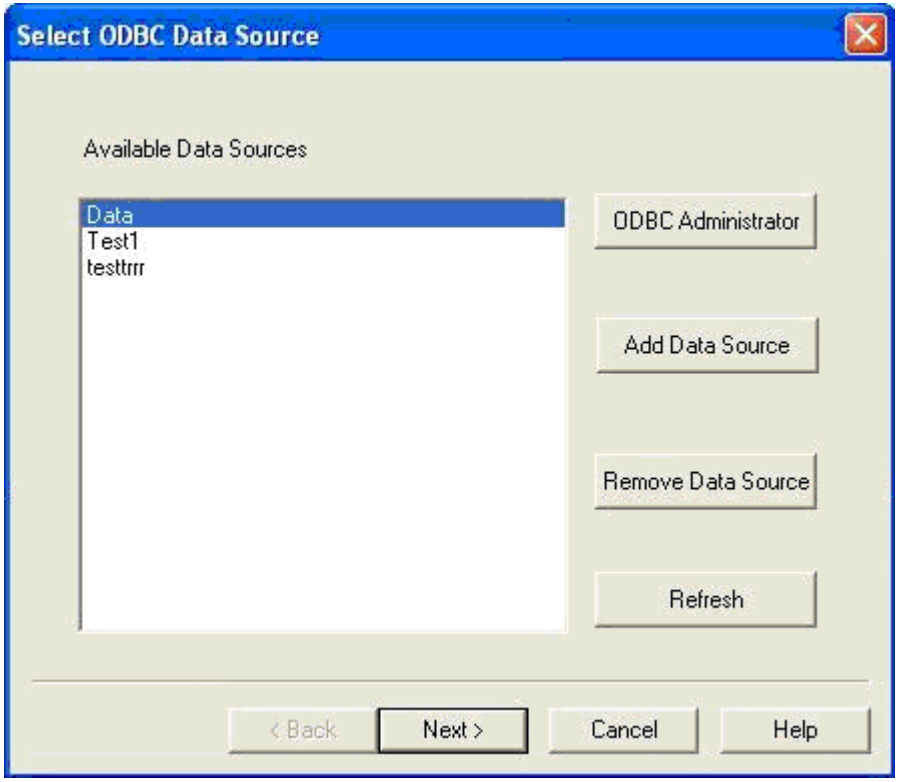
- The data source you've just added would be shown in the list



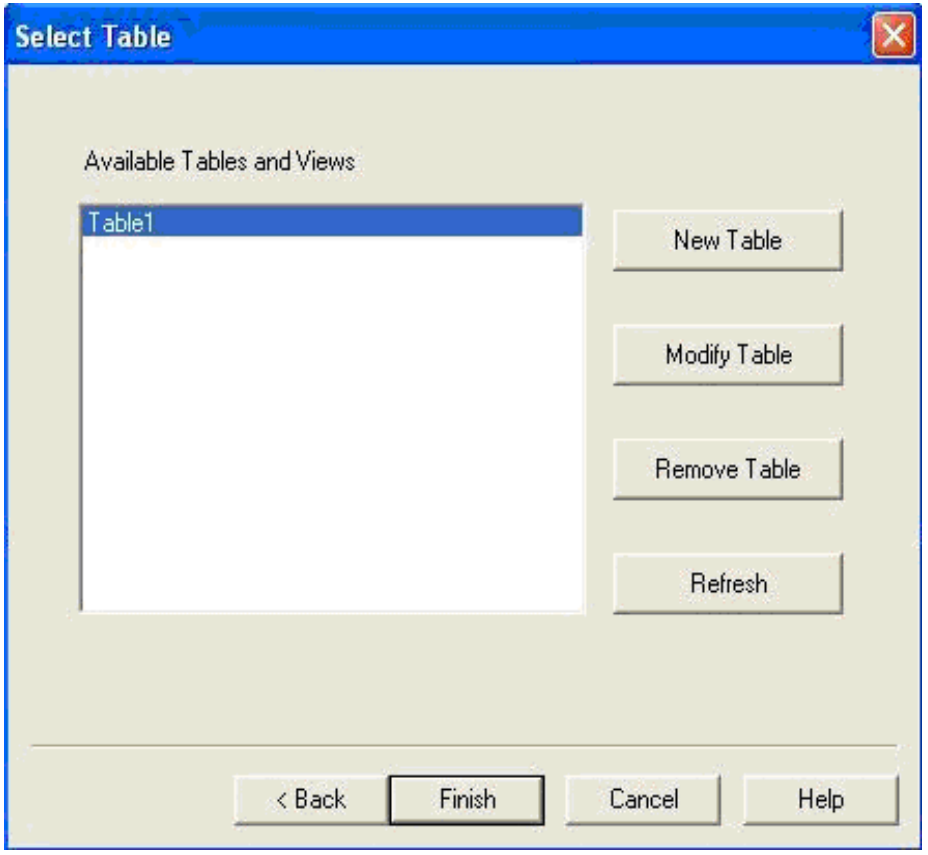
- After click on **[OK]**, it will return to "Available Data Sources" dialogue box, click on **[Refresh]** and the just-added data source would appear in the list



- Select the target data source and click on **[Next]**.

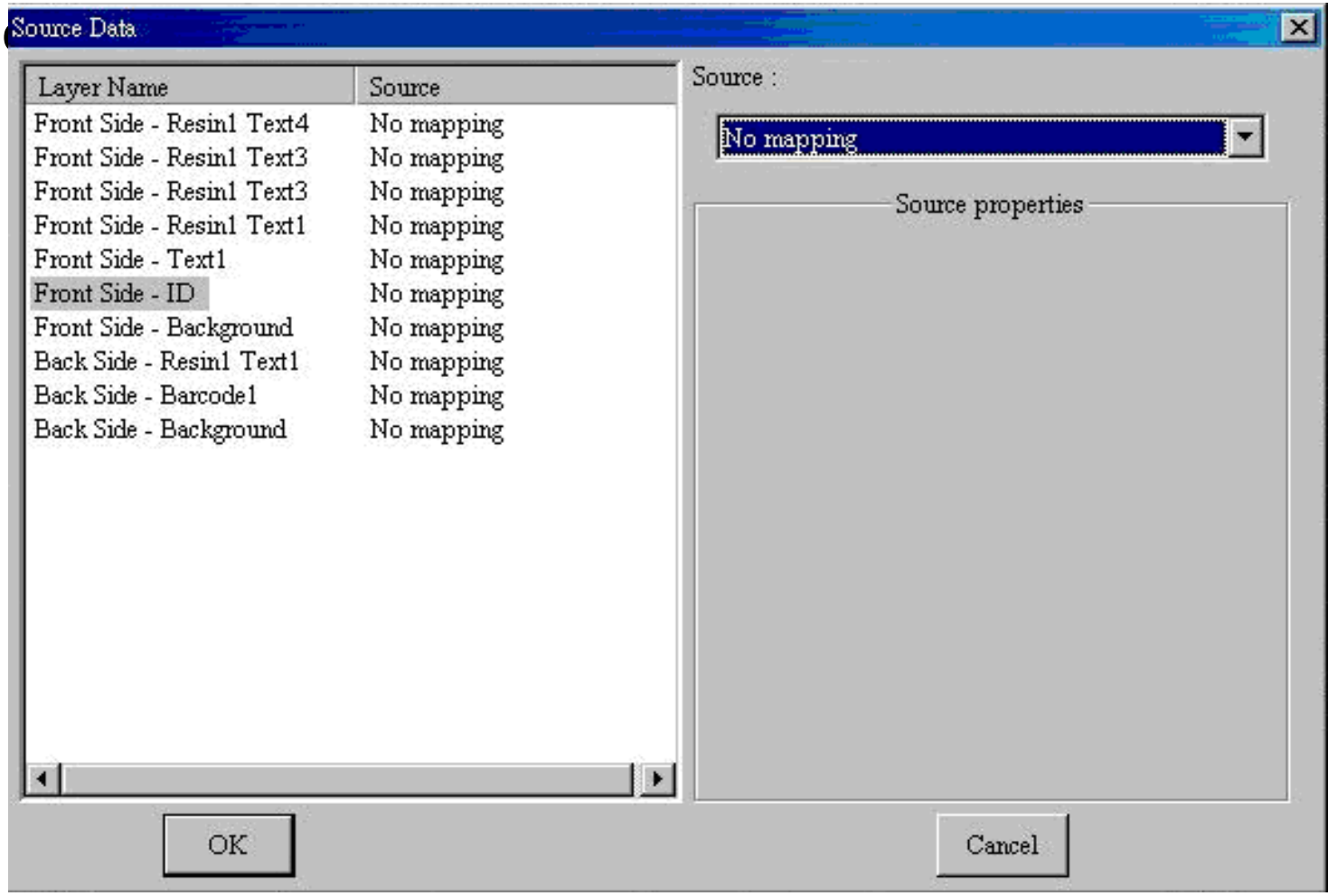


- Select a target table. When you have more than one table in a database file, you can assign the target one in this dialogue box, and then click on **[Finish]**.

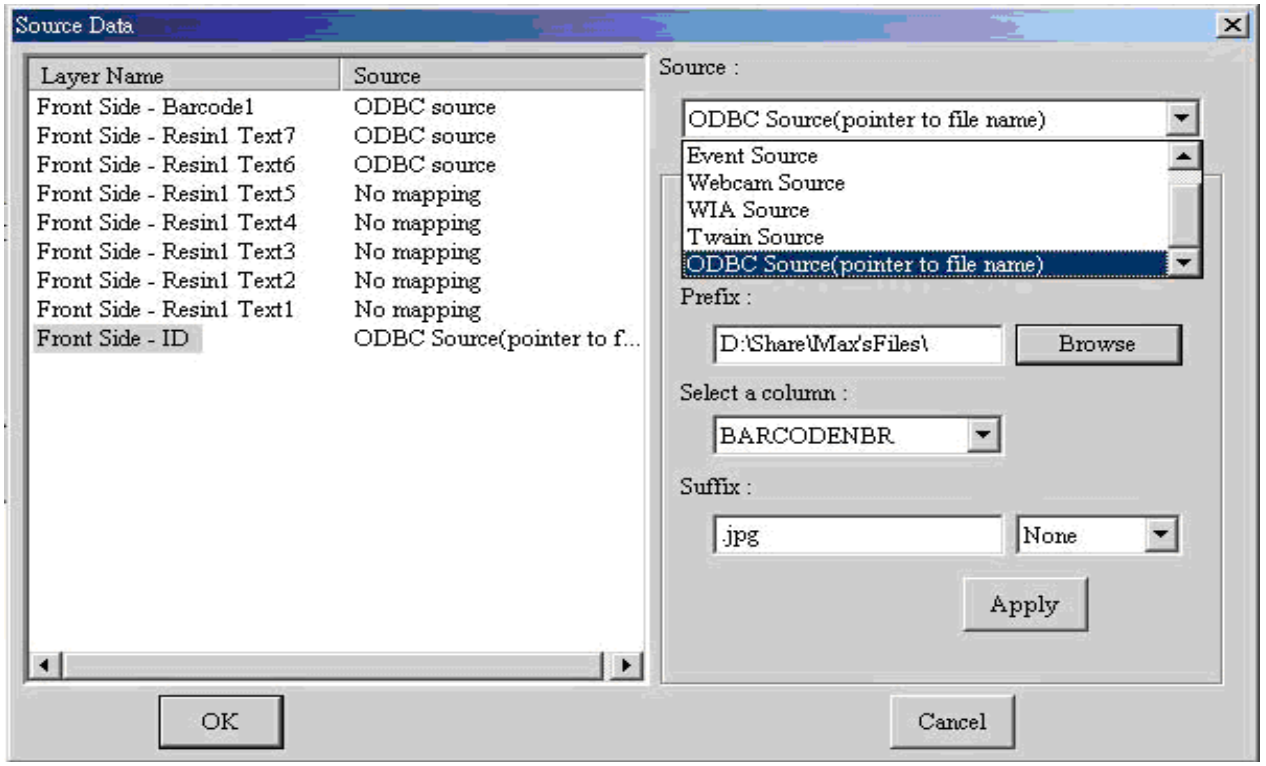


Database - Layer Mapping

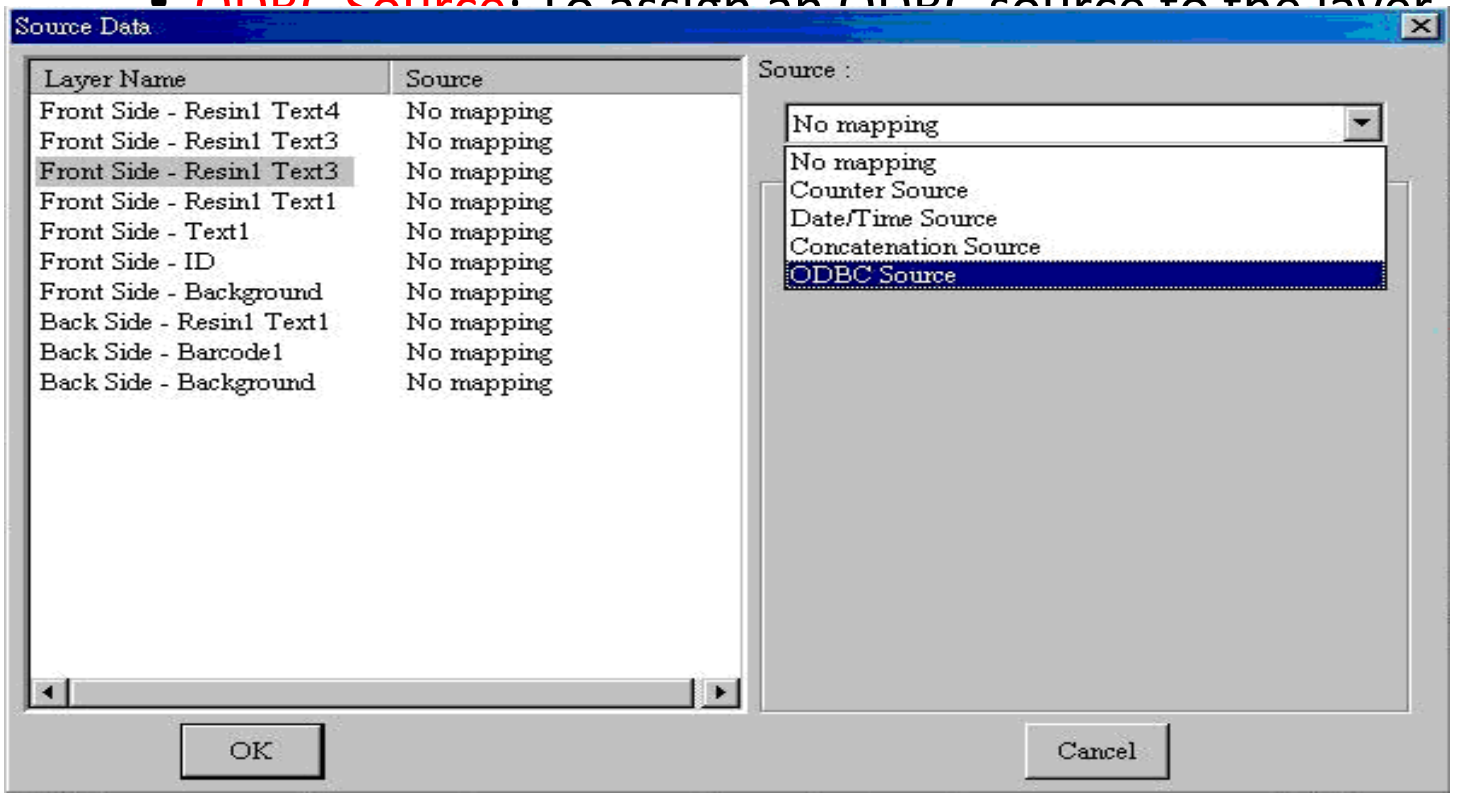
- How to perform “Layer Mapping”
  - After choosing [Layer Mapping], the layer name and its mapping status will be shown in source data dialogue. If you have not made any setting, it will show “No Mapping” in the “Source”



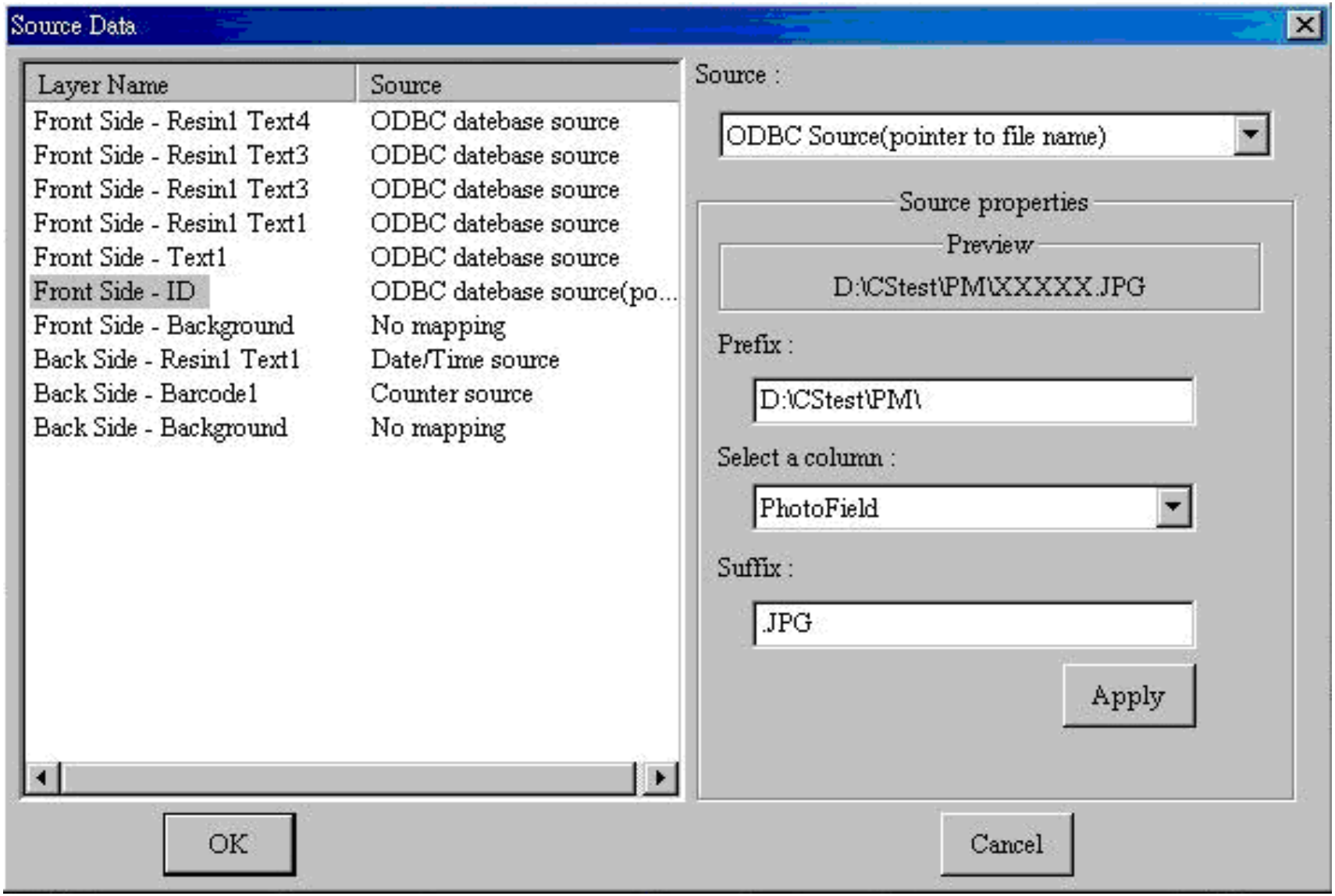
- Choose the target Layer. If you choose ID or Background layer, there would be six kinds of sources shown in the drop-down list.
  - No mapping : No need to set any source for the target layer.
  - Event Source : To assign an event source to the layer.
  - Webcam Source: To assign a webcam source to the layer.
  - WIA Source: To assign a WIA source to the layer.
  - TWAIN Source: To assign a TWAIN source to the layer.
  - ODBC Source: To assign an ODBC source to the layer.



- If you choose the text or barcode layer, there will be five kinds of sources shown in the drop-down list.
  - No mapping : No need to set any source for the target layer.
  - Counter Source: To assign a counter source to the layer.
  - Date/Time Source: To assign a date or time source to the layer.
  - Concatenation Source: To assign a concatenation source to the layer.
  - ODBC Source: To assign an ODBC source to the layer.

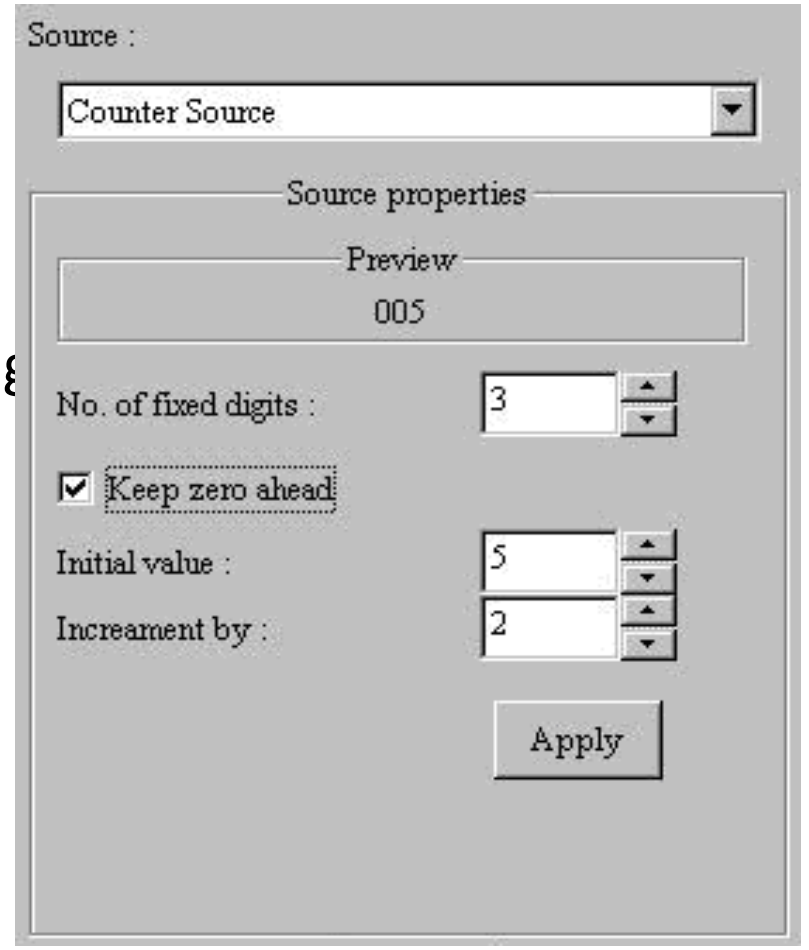


- After you finish setting the data source, press **[Apply]**.
- After set all the layers, the source column would show all the outcomes. Press **[OK]** button to complete the layer mapping

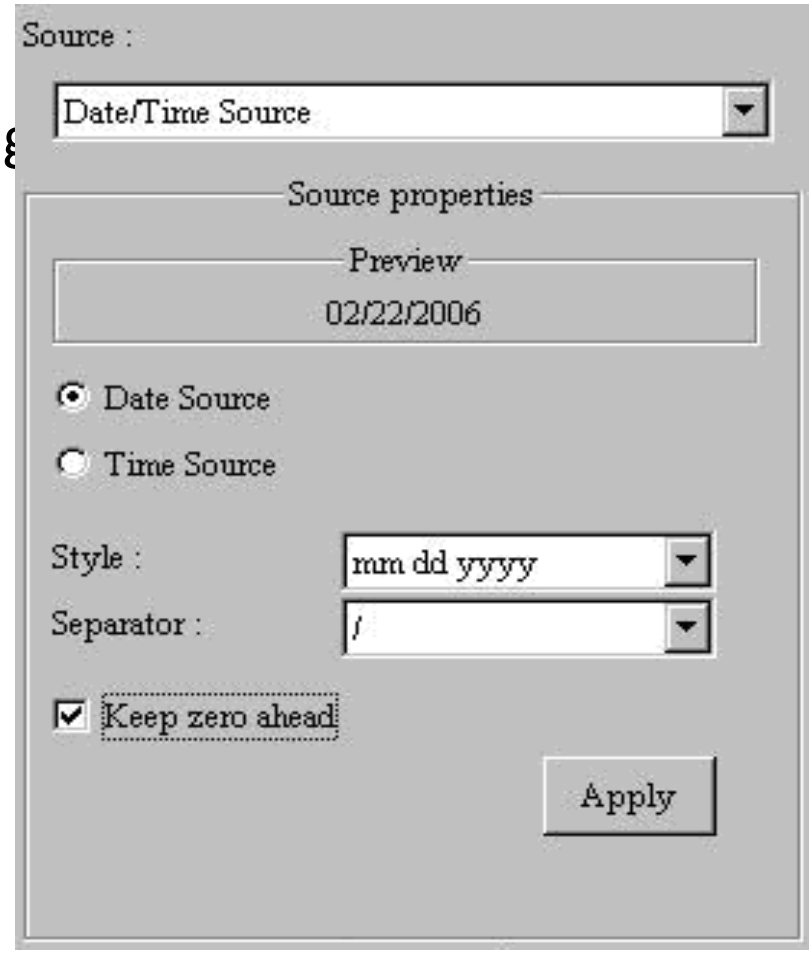


Data source introduction

- Counter Source :To assign a counter source to the layer.
  - Preview: To preview the outcome.
  - No. of fixed digits: To set the number digits for the counter.
  - Keep zero ahead.
  - Initial value: To set the initial value.
  - Increment by: To set the increment.
  - Press [Apply] after finishing the setting
  - eg : Input 3 in “No. of fixed digits”, check the box of “Keep zero ahead”, input 5 as the initial value, 2 as the increment, and then a series of numbers like 005, 007, 009, 011… will be shown in preview section ◦

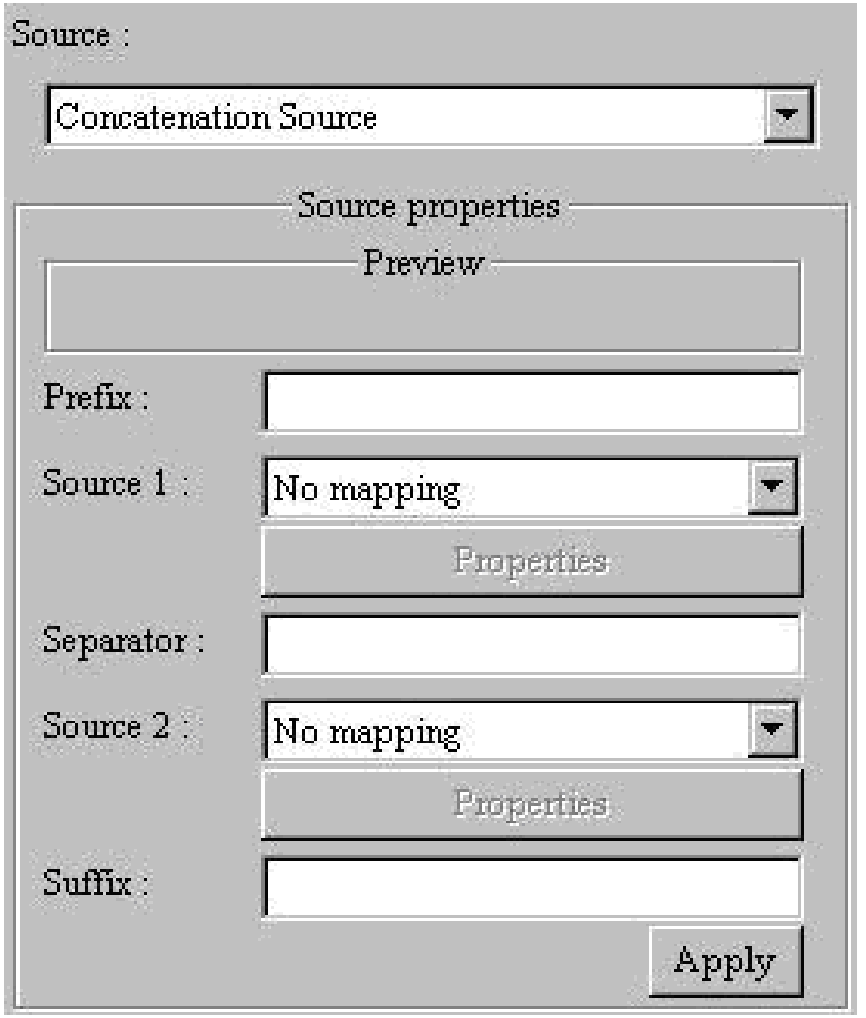


- Date/Time Source :To assign a date/time source to the layer.
  - Preview: To preview the outcome.
  - Source selection: Date Source or Time Source.
  - Style : Set date/time display type
  - Separator: To set the separation char.
  - Keep zero ahead
  - Press [Apply] after finishing the setting
  - eg: check the date source, choose “mm dd yyyy” as the display source, ”/” as the separation, tick the box of “Keep zero ahead”, and if the date of the system 2006.2.22, the preview would be 02/22/2006 ◦

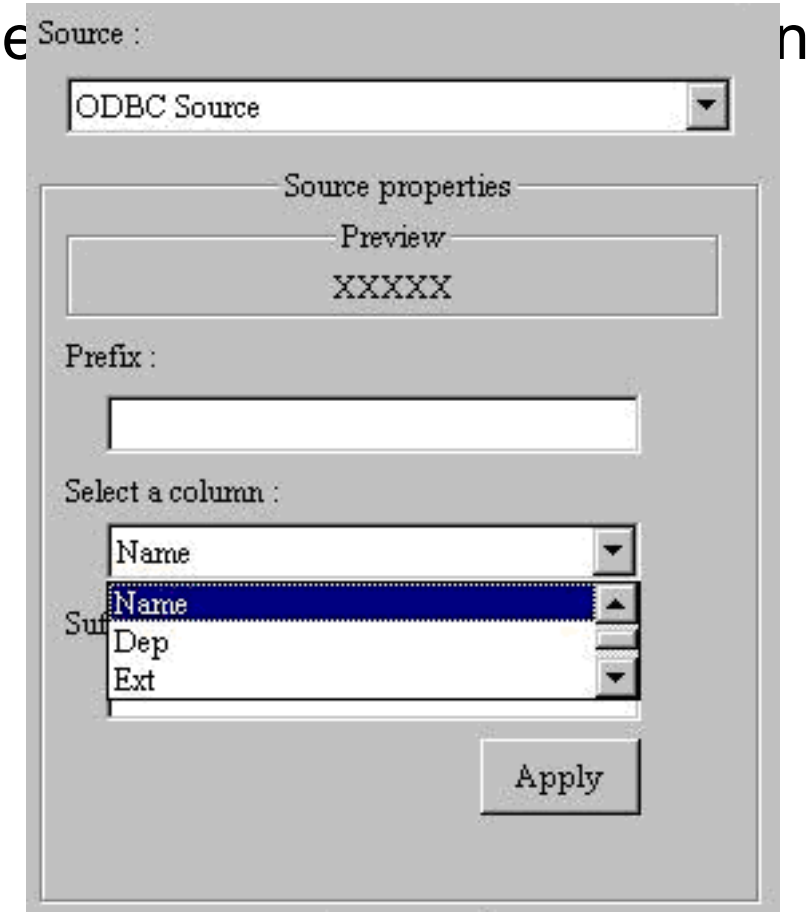


- Concatenation Source : Assign a concatenation source to the layer.

  - Preview: To preview the outcome.
  - Prefix: To set the fixed prefix string
  - Source 1, Source 2 :
    - Choose counter or date or time or concatenation as the first source.
  - Separator: To set the separator string.
  - Suffix: To set the fixed postposition string.
  - Properties: To set the properties of the data source.



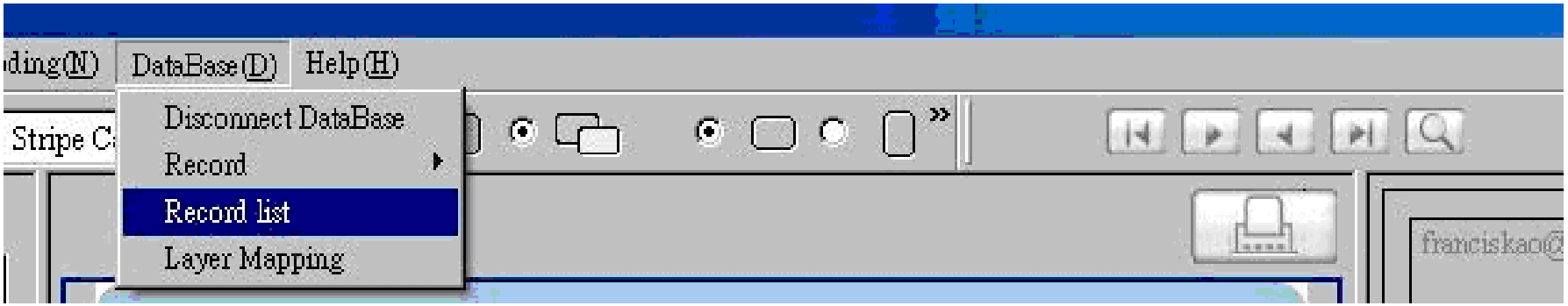
- ODBC Source :Assign a ODBC source to the layer.
  - Preview: To preview the outcome.
  - Prefix: Prefix: To set the fixed precedent string.
  - Select a column: To point to a certain column in the database. The drop-down list will include all the columns inside.
  - Suffix: To se ng.



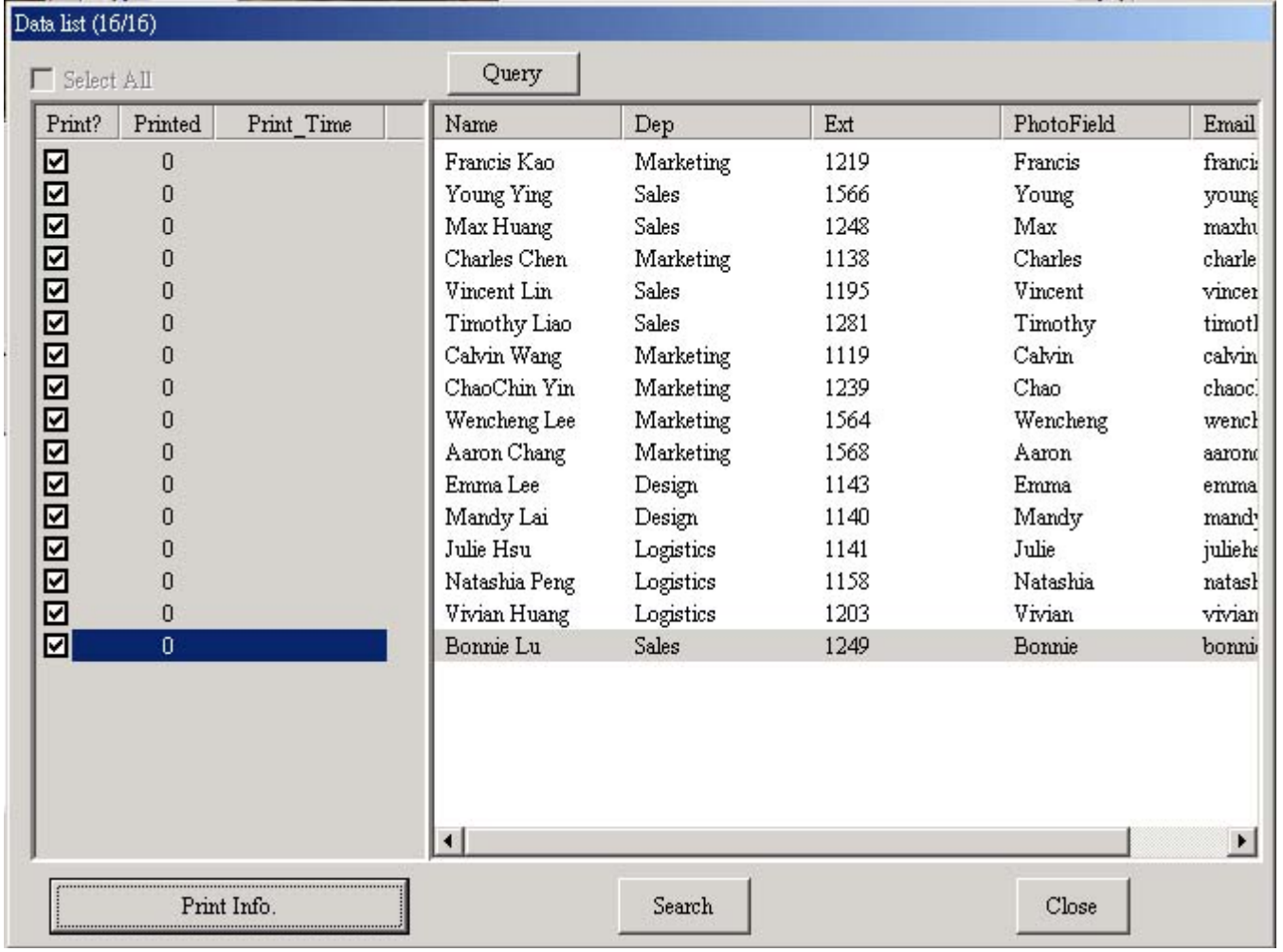
- Notice :
  - Once you select Webcam Source ， WIA Source ， or TWAIN Source as your ID image source ， a dialogue will pop out to ask you to capture images from your device while printing.
  - If you select ODBC as your ID image source ， please follow the instruction as follows.
    - The image files put in the same folder : First, you need to save all the images files you want in the same folder, and type all the file names sequentially into a certain column of the database. For example, if you put all the image files in the subfolder ”PM” which is in the folder “CStest” in disc D, and you also key in all the image file names into a column call “Photofiled” in your database. Please input “D:\CStest\PM\” in the blank of **[Prefix]**, and input “.jpg” in the blank of **[Suffix]**. Then, choose “Photofield” in the drop down list of **[Select a column]**, press **[Apply]** button to finish the setting.
    - The image files put in the different folder : The full path in the “Photofield”

Database - Search/Query

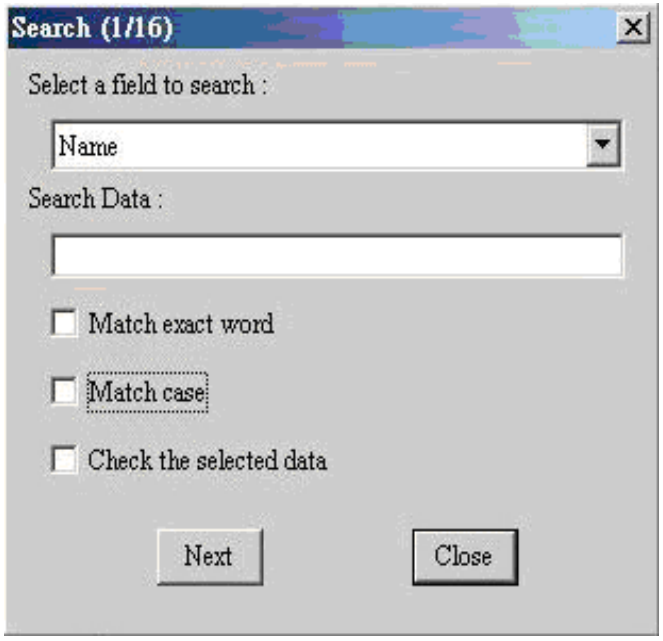
- How to search / query certain data in your database?
  - First, you need to connect to a database
  - Then, you could preview certain data by [Record list] or the buttons in the main menu.



  - After you click on [Record list], the data list would pop out.
    - All the columns inside (the right side) would be the one which has been assigned to a certain layer.
    - Other columns would be veiled automatically.
    - Drag the boundaries to reveal veiled columns. The column blocked in the left side displays “Print Information”.

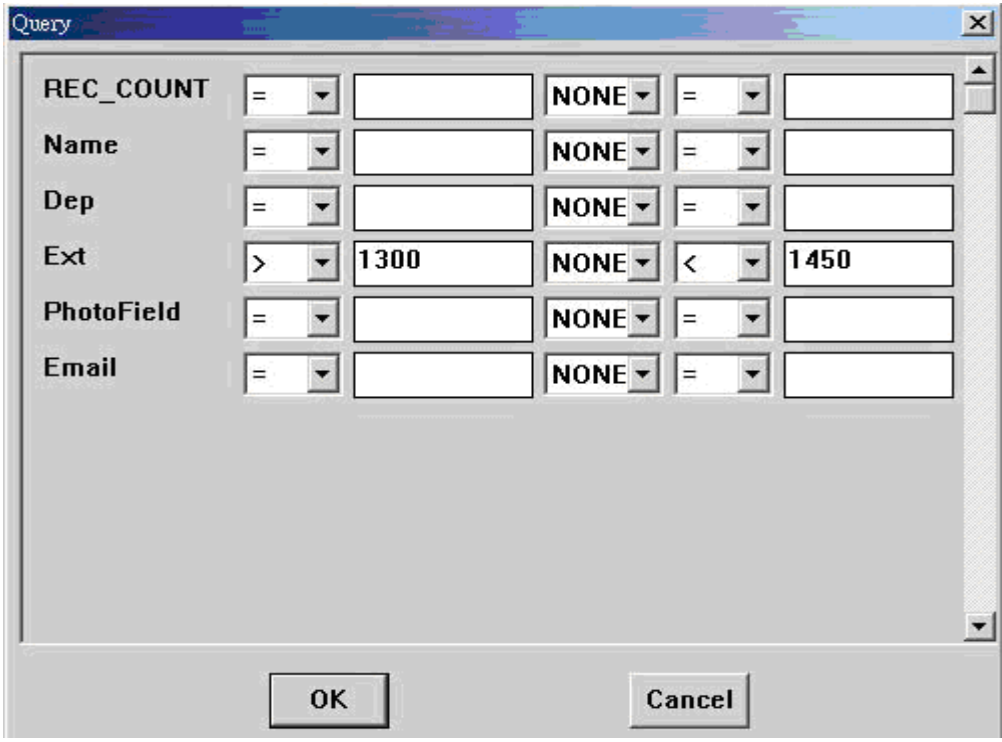


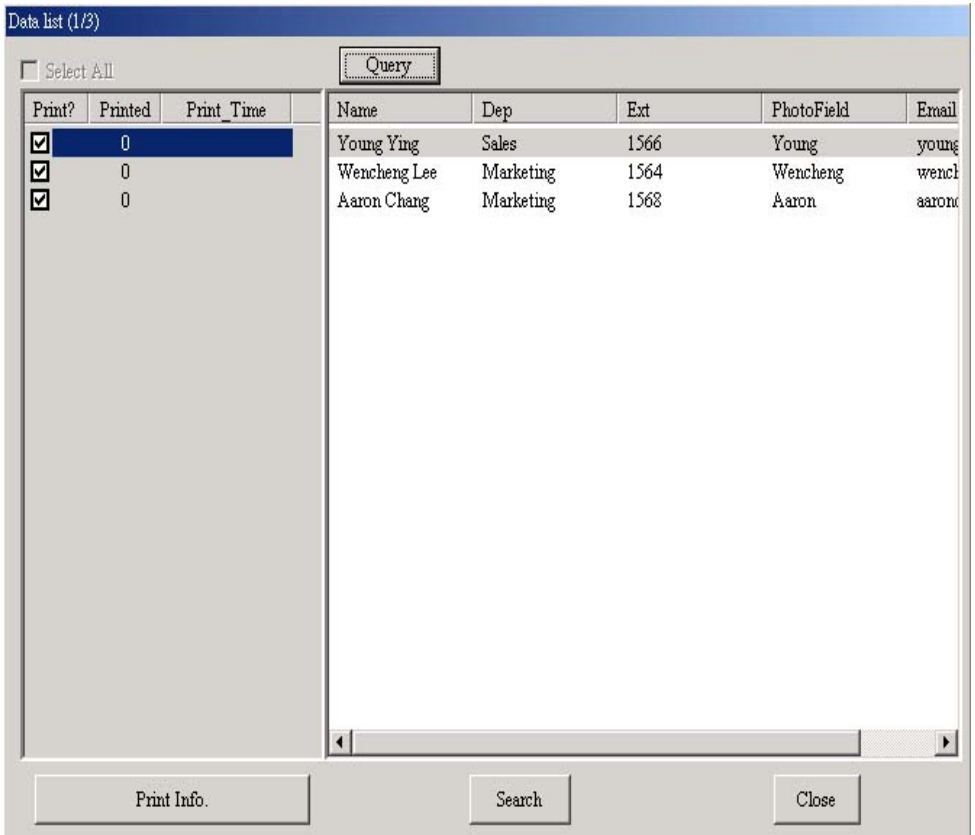
- Click on [Search] button, the search dialogue would pop out.



- Search dialogue:
  - Select a field to search: choose the target column you want to search.
  - Search Data: Input the condition of the search.
  - Match whole word only: The search should match with the exact word type in the blank of “Search data”.
  - Match case: The search is now case sensitive
  - Check the selected data:
    - The check box of the found data which you search would be ticked. This function is for the ease of specific data printing.
    - The function work must connect to a “print info.” database.
  - If there are more than one data found, press [Next] to show the next data
  - At the top left corner of the search dialogue would display the position of the target data in the database

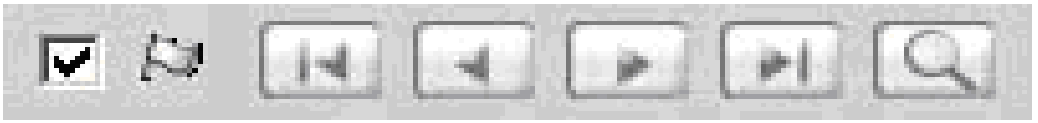
- Click on [Query] button, the query dialogue would pop out.
  - Please use ” >” , ” < ” , ” =” , ” **None** ” , ” **And** ” and ” **Or** ” as your query conditions





  - After inputting conditions and expressing **[OK]**, the data list will display the results shown as follows: Data (1/3) shows that total 3 data match your

- Notice :
  - If you want to keep the latest conditions for [**Query**]. You can save the template to mds file after query.
  - How to preview and search by using the tool bar of the main menu

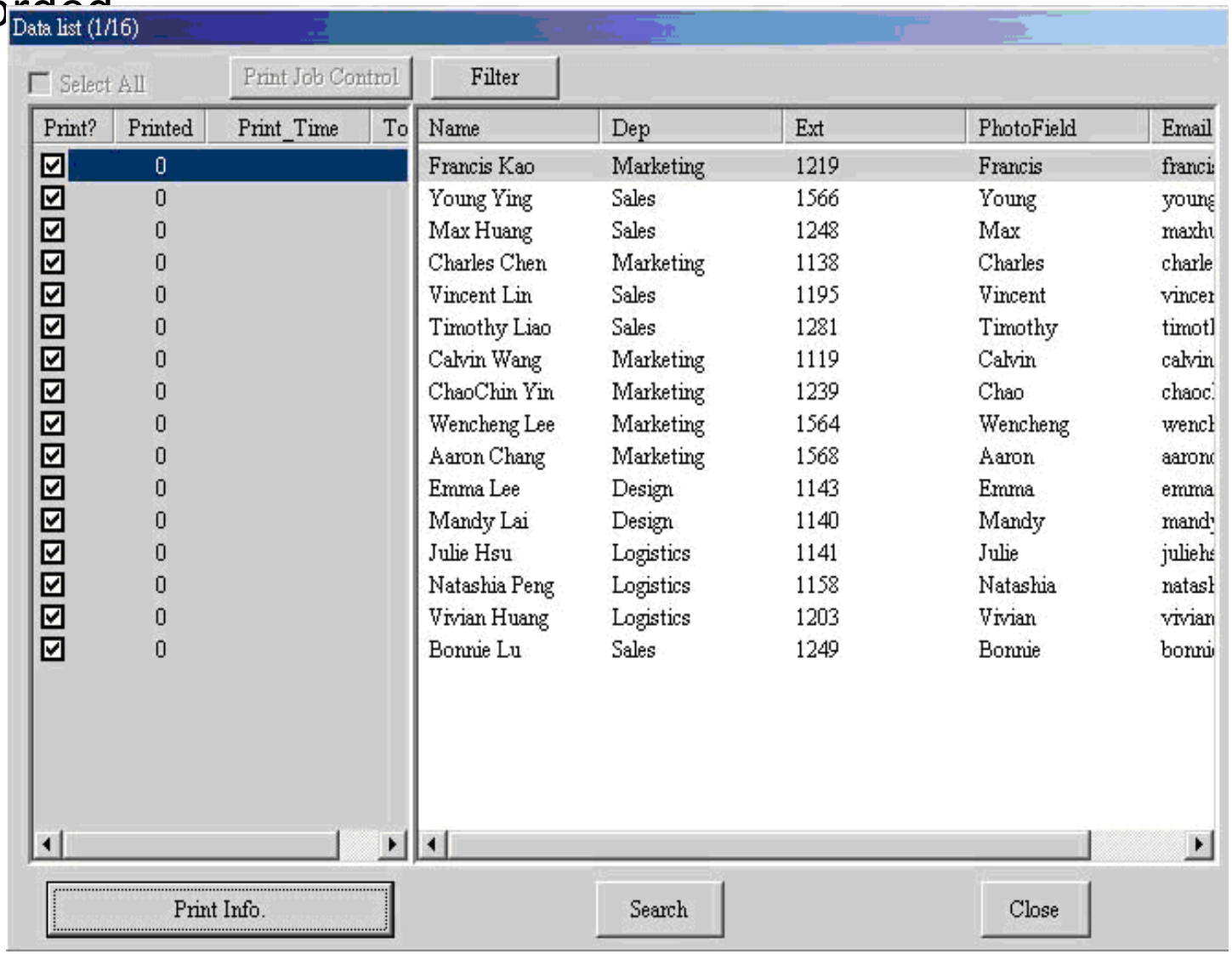


- Preview option: Unmark the flag, you can preview all data in "Printing Information" database; however, after marking the flag, you can preview only the data which you marked in "Printing Information" database
- Preview the first data
- Preview the last data
- Preview the next data
- Preview the latest data
- Search (Same as the "Search by [Record list]")

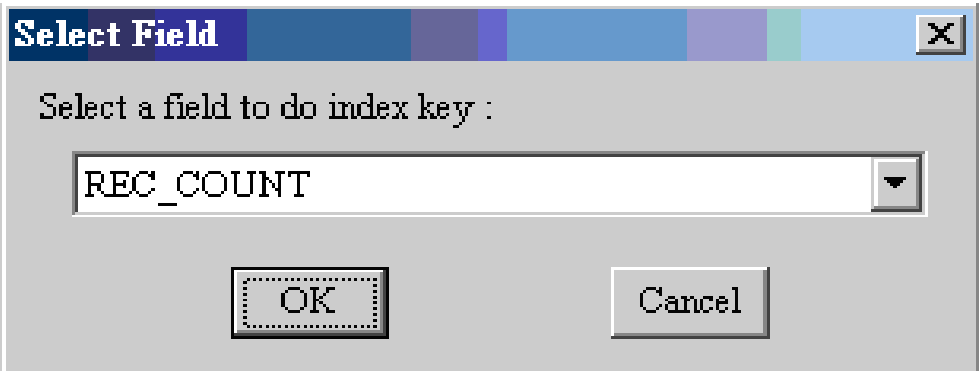
Database – “Print Info.” database

- What is “Print Information Database”?
  - After a user processes ID images, these setting parameters, such as size, location and color properties, will be added into “Print Information”. In addition, “Print Information” displays which data will be printed ； printed quantities of each data and when data were printed. Thus “Print Information” reveals the following information for each data:
    - Print ? : Print or not?
    - Printed : Printed quantities
    - Print Time : The latest printing time of the data.
    - Total Prints : The total print quantities of each data
- How to build up a “Print Information Database”?
  - Open **Data List** through **Record List** after connect to a database.
  - Print Information will be displayed on the left including of dialogue.

- The grey color area on the left represents Print Information Database has not been created or opened.
- Before you open Print Information Database, all the adjustments for ID photo including size, location and color properties can not be recorded.



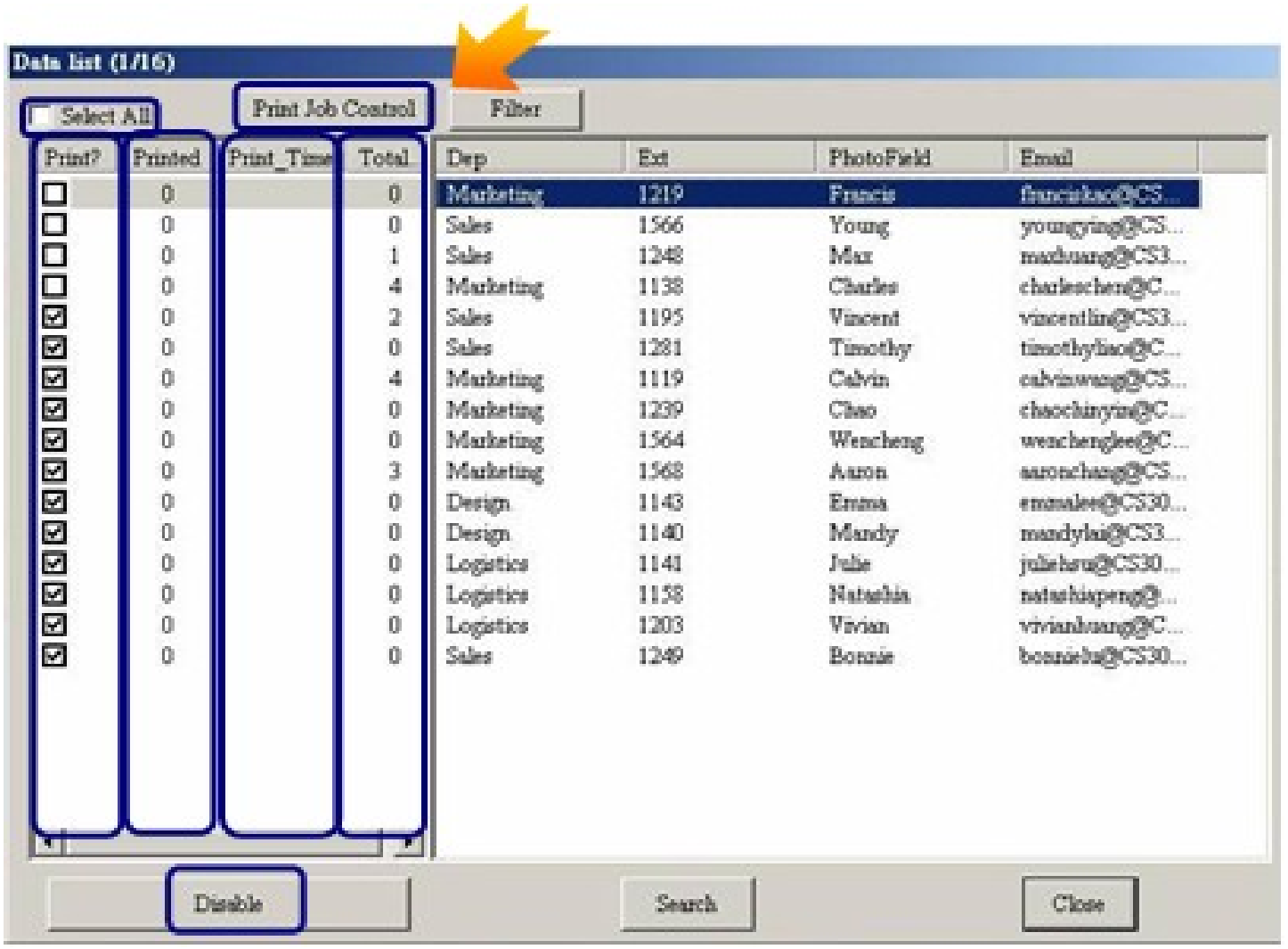
- please press [Print Info.] to open or create your Print Information database.
- Before you build up the first “Print Information Database”, this file “Print Information Database” does not exist in your folder. Thus while you are building up the first “Print Information Database”, a dialogue would pop out to remind you and ask you if you would like to create this file or not. Please click “OK” to continue to build up “Print Information Database”.
- The computer system will ask you to select a field as an index key in order to connect to the original database. Please select one field involving different data without repeating as an index key.



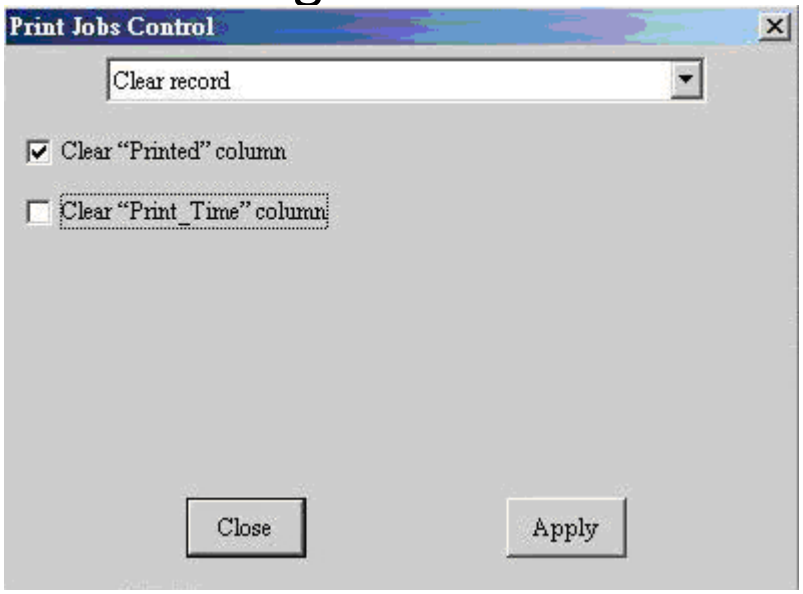
- Then there would be a warning dialogue clarifying “The field can be Null”, please press **“OK”** to complete building up “Print Information Database”.



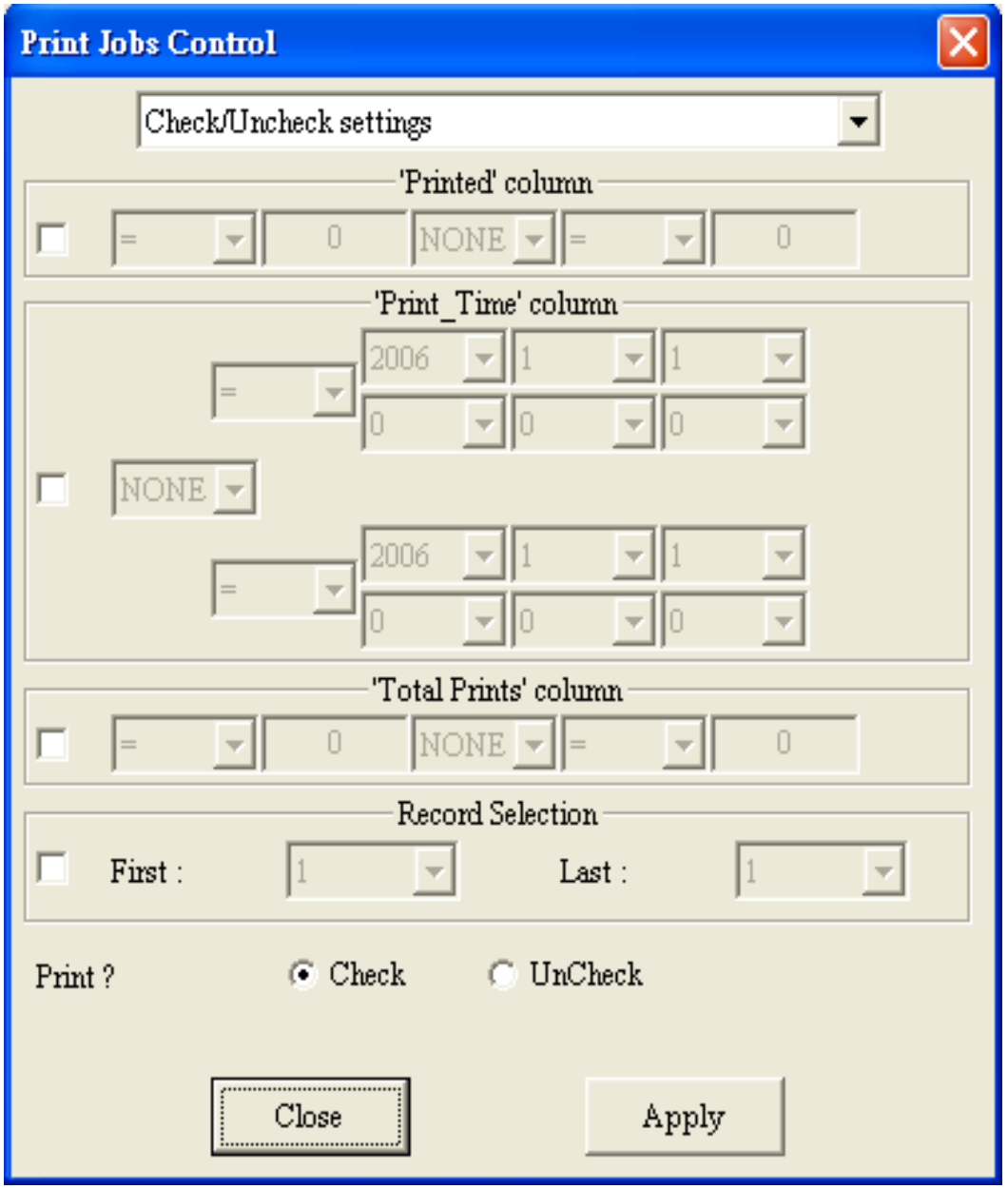
- After completing this process, the Data List will display the following information:
  - The left side will display “Print Information Database” and enable . The enable means the Print Information Database is open.



- Print information UI :Description
  - Print? : You can select which data you are interested in printing or previewing.
  - Printed: Printed quantities for each data.
  - Print Time: The latest printing time of each data.
  - Total Prints: The total print quantities of each data.
  - Select All: You can use this function to check or uncheck all data.
  - Disable: Close “Pint Information” database.
  - Print Job Control: Include Check/ Uncheck settings and Clear record.
- Print Job control setting
  - Clear column :
    - You could reset the “Printed” or “Print_Time” column.



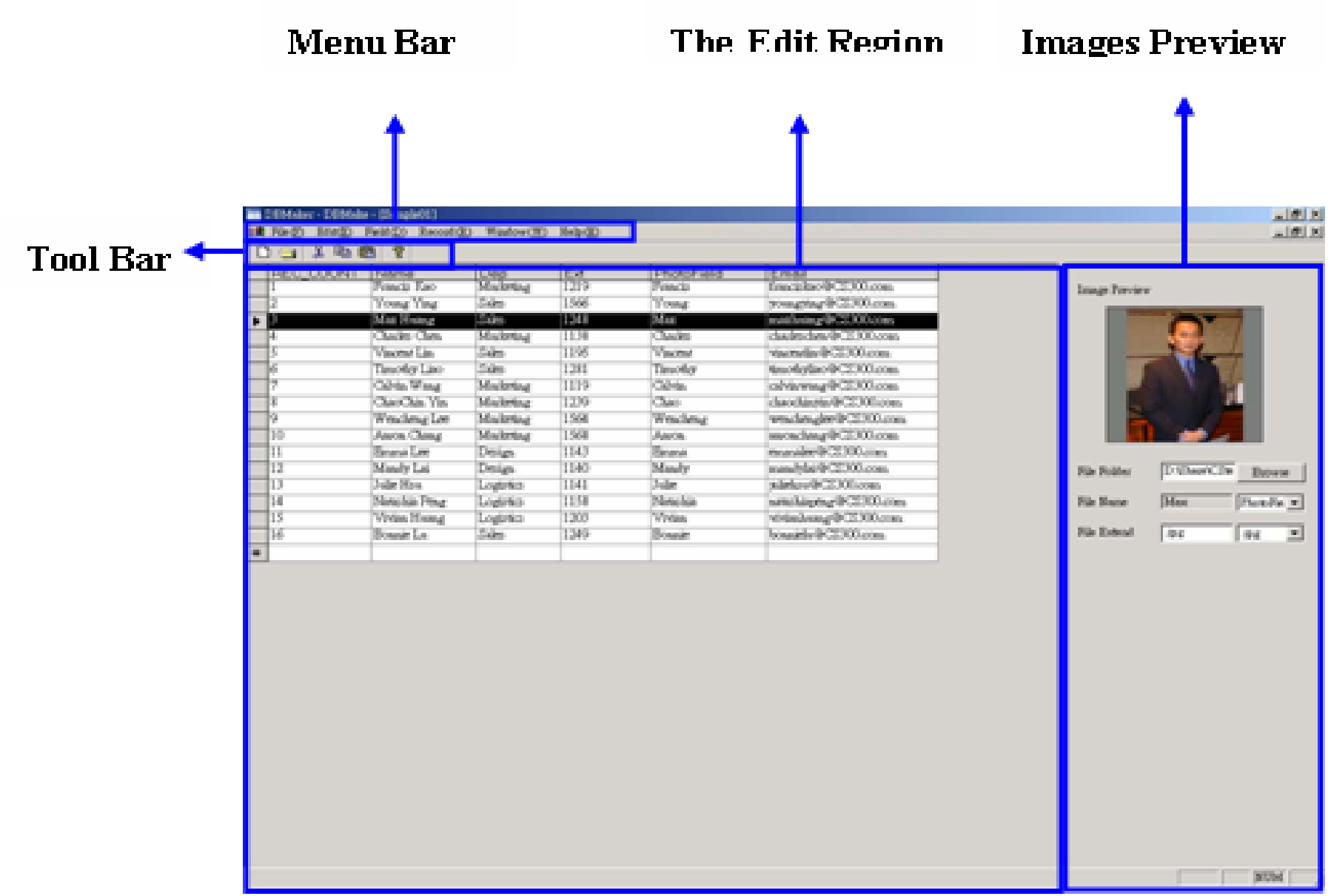
- Check/ Uncheck settings: You could set the rules for each column to decide which data should be checked or unchecked



DBM

- Description : If user does not have any database editor software, DBM is a simple Application to help user to create a database.
- Software Interface : Main Interface
  - Menu Bar
  - Tool Bar :
- Edit a database

DBM - Main Interface

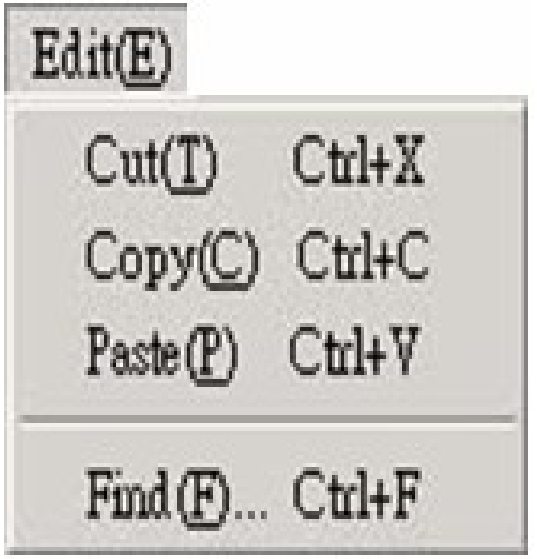


DBM – Menu bar

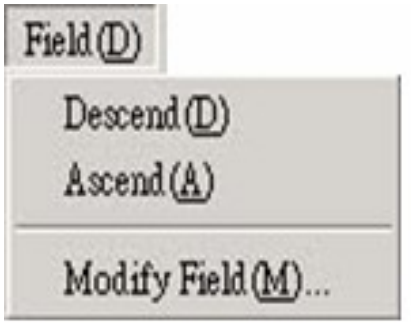
- File :The “File” menu option includes:
  - New : create a new database file
  - Open : open an existent database file
  - Close : close a database file
  - Save :save a database file
  - Save As : save as a new database file
  - Exit :exit DBMaker



- Edit : The “Edit” menu includes:
  - Cut, Copy, Paste and Find



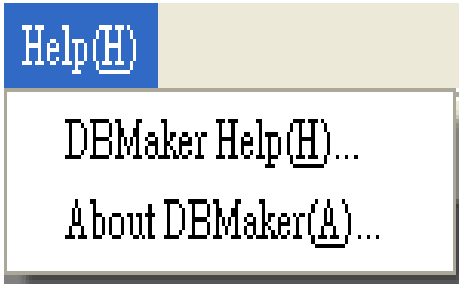
- Field : The “Field” menu includes ：
  - Descend
  - Ascend
  - Modify Field



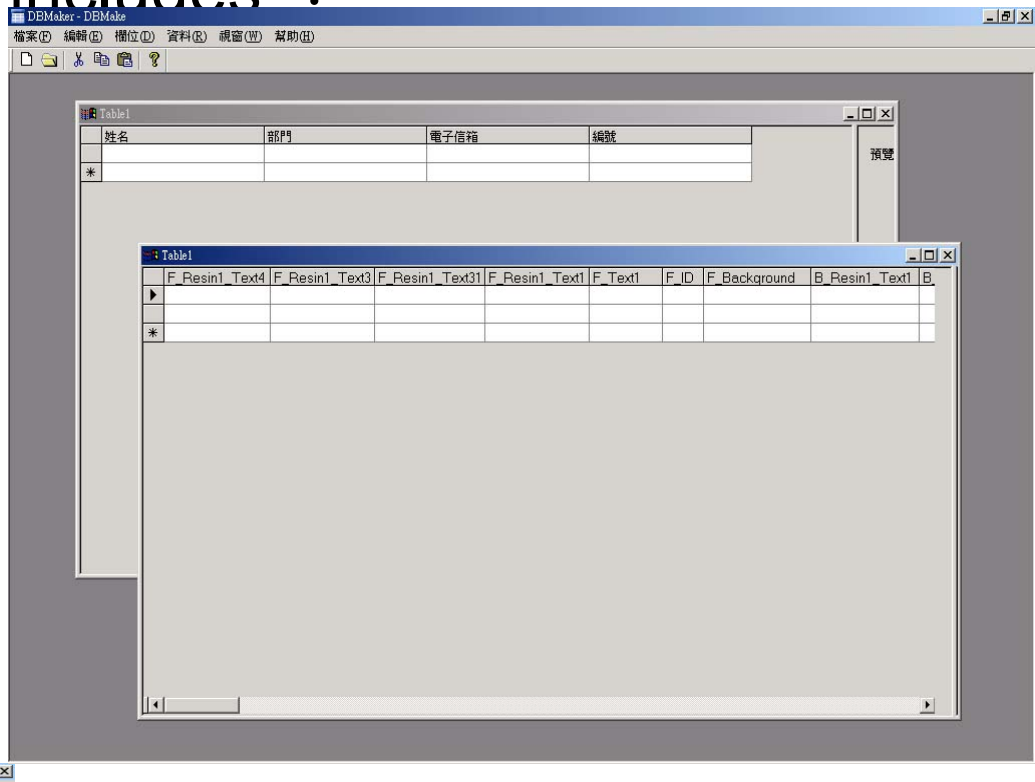
- Record : The “Record” menu includes ：
  - Add Record
  - Delete Record

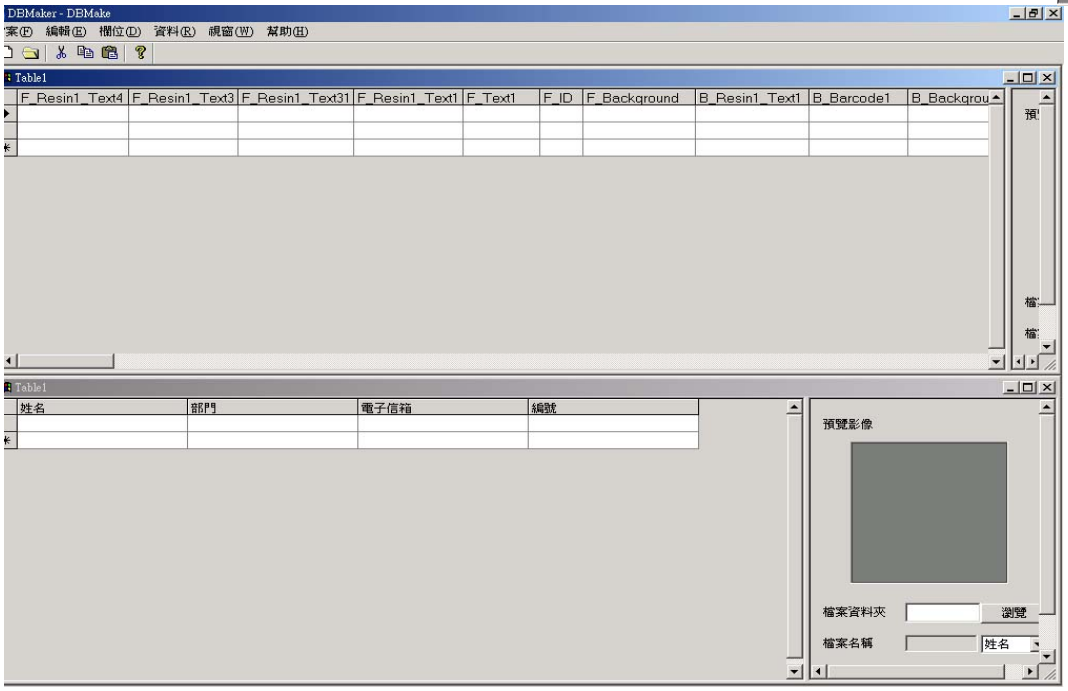


- Help : The “Help” menu includes ：
  - Help
  - About DBMaker



- Window : The “Window” menu includes :
  - Cascade :Showing more than one table by the overlapping format.





  - Tile :Showing more than one table at the same time.

DBM – Tool bar



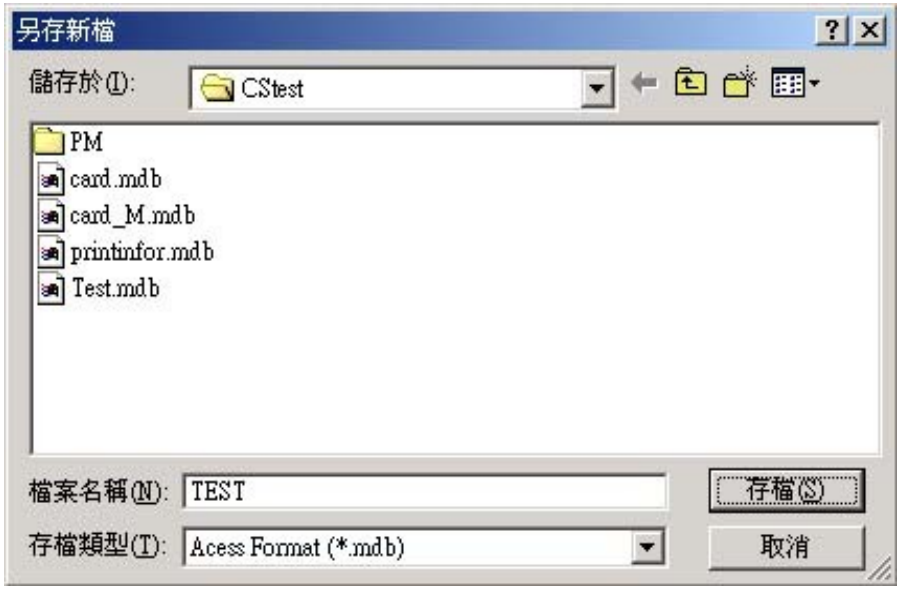
- Button define :
  - Create : Create a new database file
  - Open : Open an existent database file
  - Cut
  - Copy
  - Paste
  - Help

DBM – Edit

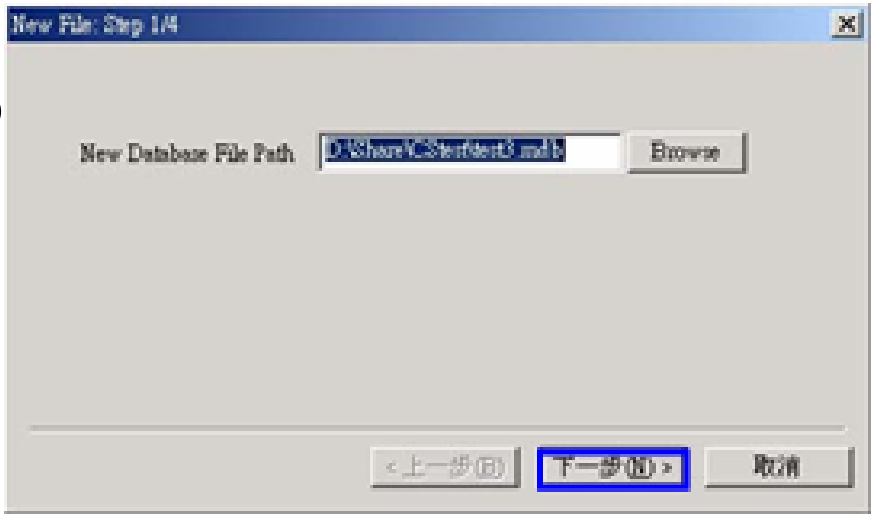
- How to create a New Database File
  - Menu Bar -> File -> New, Then press [**Browse**].



  - Input the name of the new database file ， and press [**Save**] to create a new database file.
    - Notice ： If you input an existent file name or select an existence database file, the original content in this



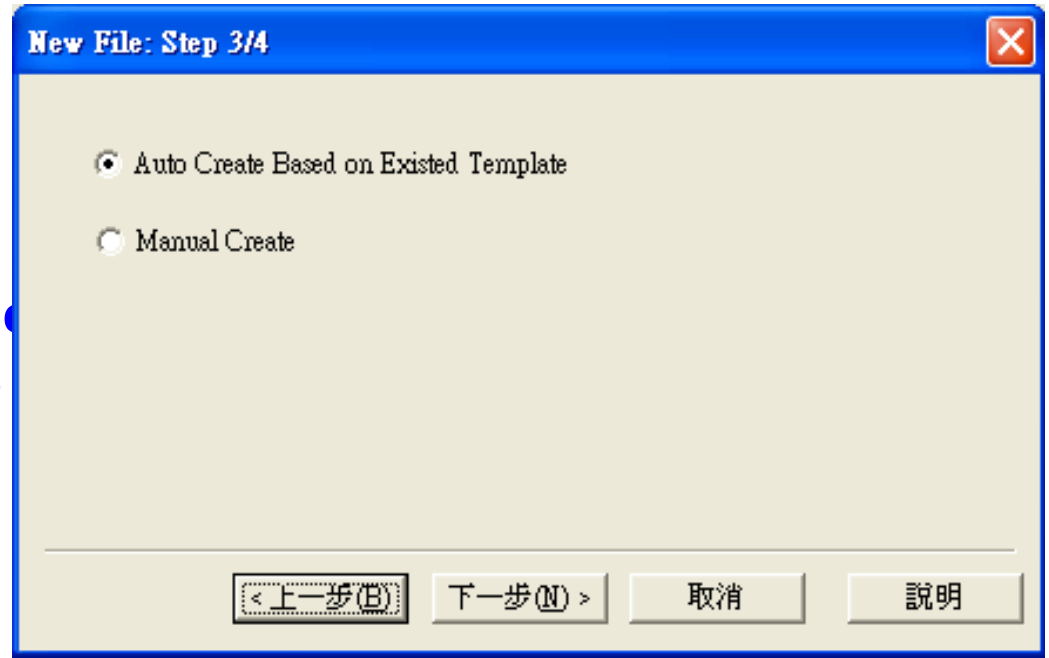
- The dialogue shows the path o the new database. Press [**Next**]





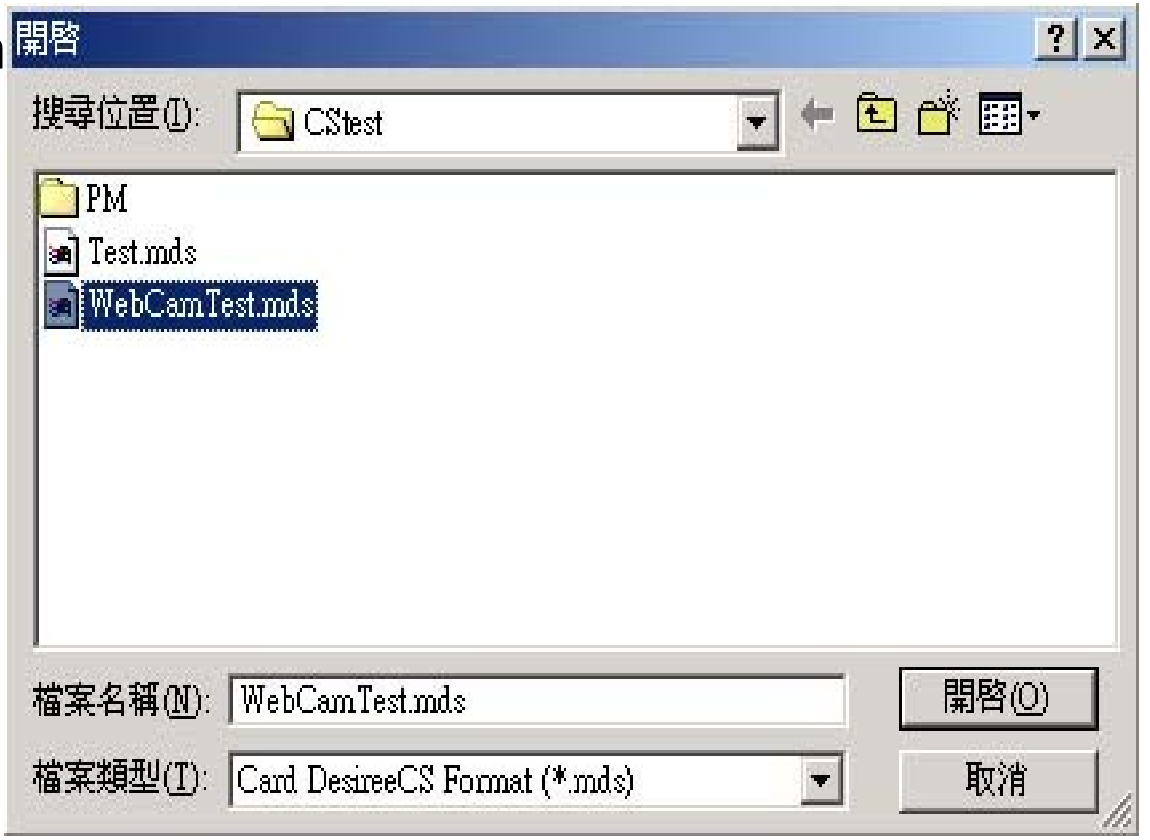
- Input the name of the new table

- Now you can select
  - **Auto Create Based Existed Template**
  - **manual Create**.



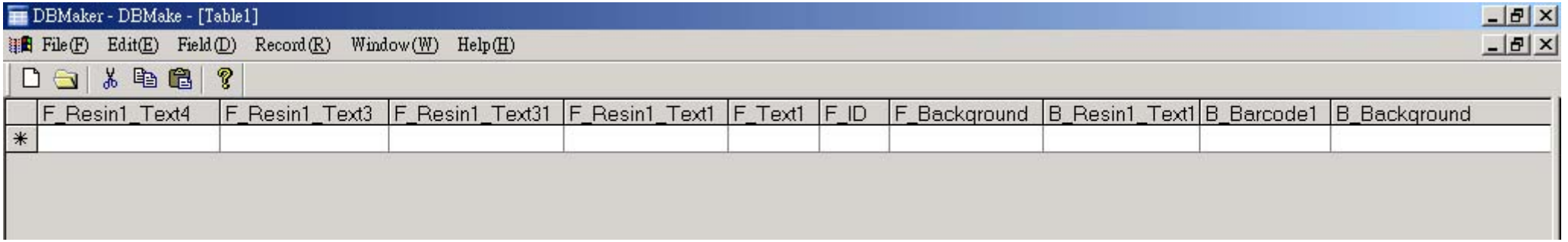
Auto Create Based on Existed Template

- It means DBM will create a new database the fields of which are based on the layers of an existent *.mds template which you created in the software – CardDesiree CS. (Notice ： *.mds is CardDesiree CS template format.)
- How to Create Based on Existed Template
  - Select a *.mds templa



- The fields of this new database file will be based on the layers of the template which you selected.
- Input your data into this table. The process is completed.





Menu Create

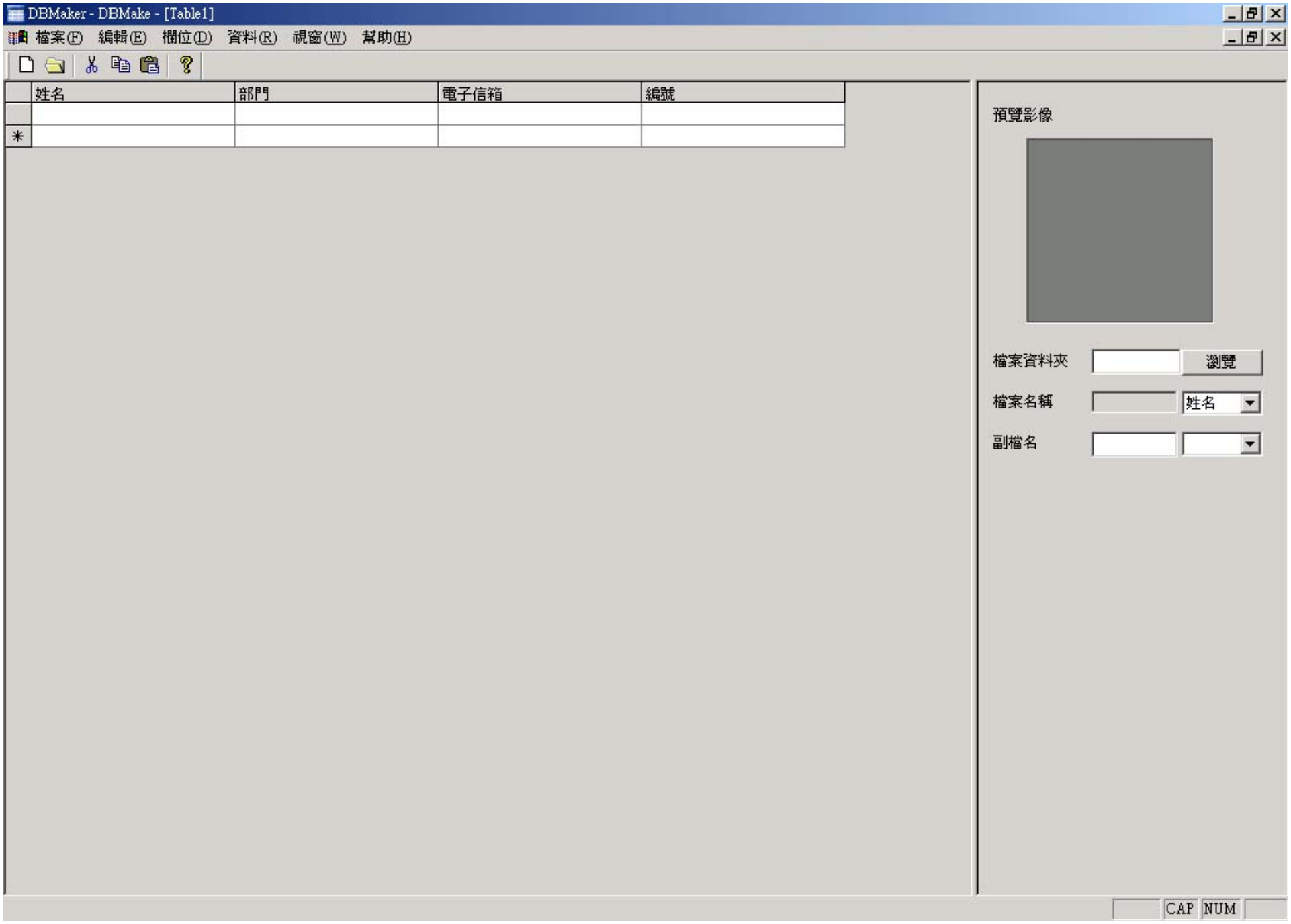
- If you select [**Manual Create**] ， the following dialogue would pop out. Please press [**New**] to create the fields you need.
- Input the Field Name and press [**OK**].
- After setting the names of all the fields you need ， press[**Finish**] to complete this process.







- Now you can input your data into this database file

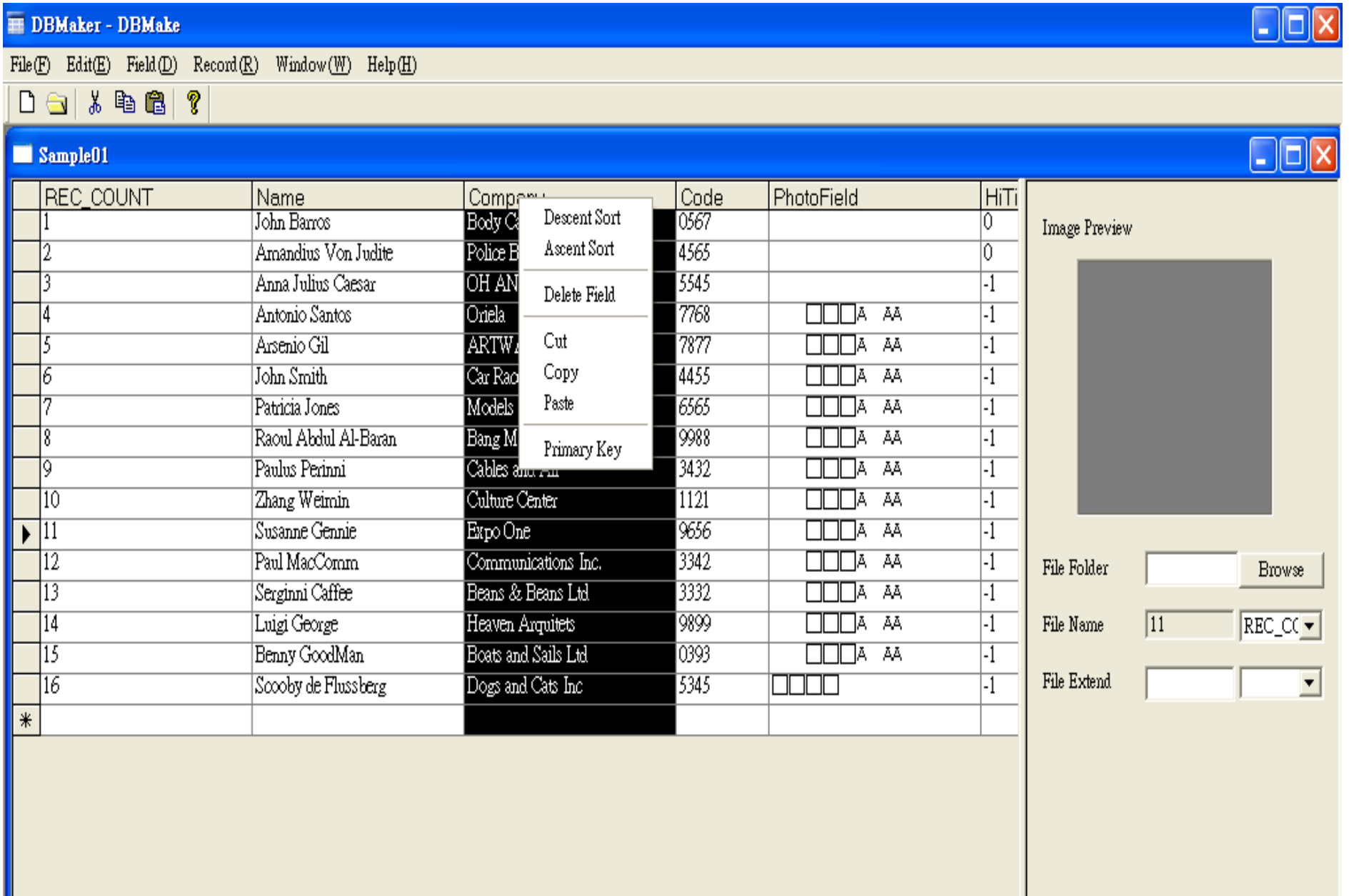
- 

Edit a table of the database

- After you create a new database file or open an existent database file, you can start to edit your table in the database file.
  - Modify Field :
    - Please start from **Menu Bar** ： **FieldModify Field**. A dialogue would pop out, and you can press [**New**] to add a new field or press [**Delete**] to delete a field.



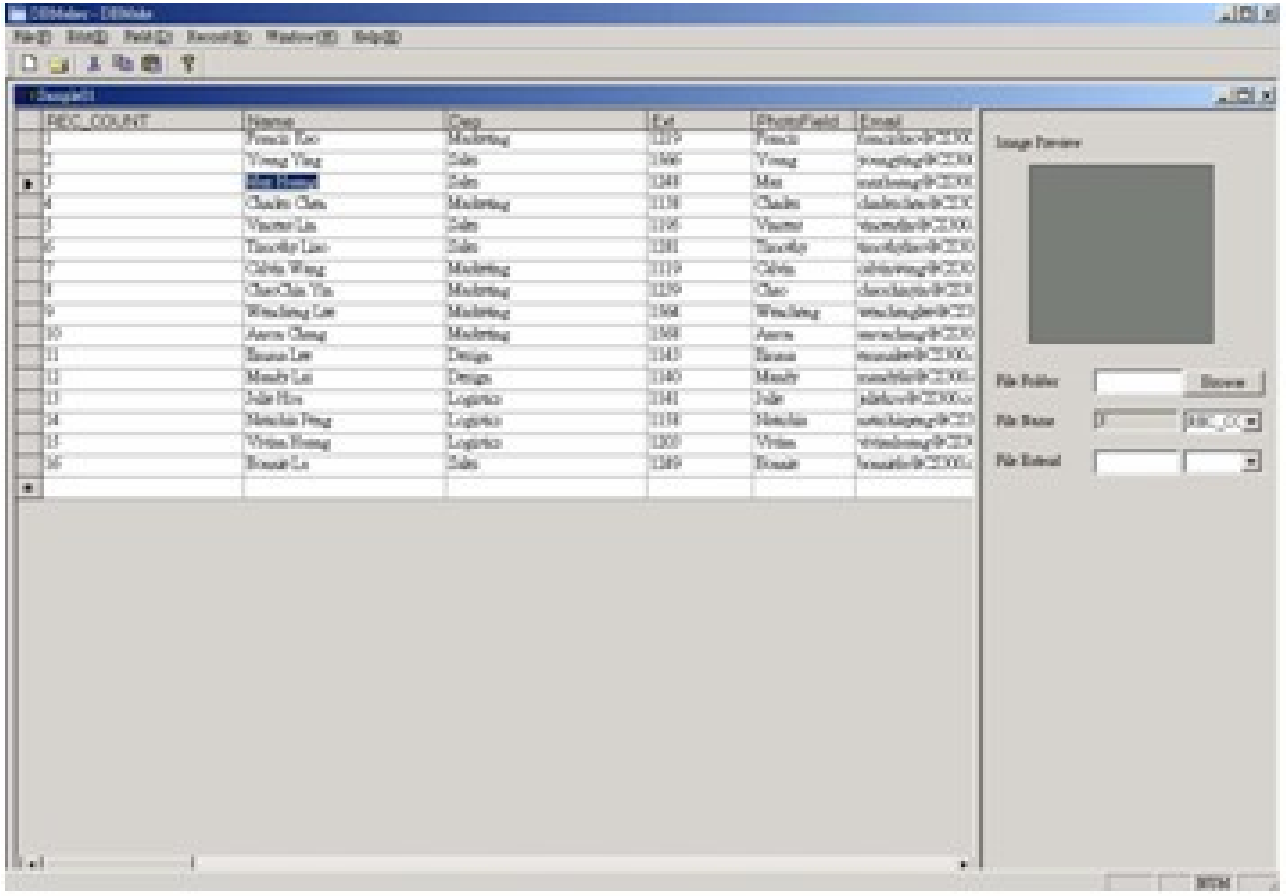
- you can directly right-click the button of the mouse on the field you would like to modify and you will have the following options ： **Descent Sort, Ascent Sort, Delete Field, Cut, Copy, Paste,** and **Primary Key** setting.



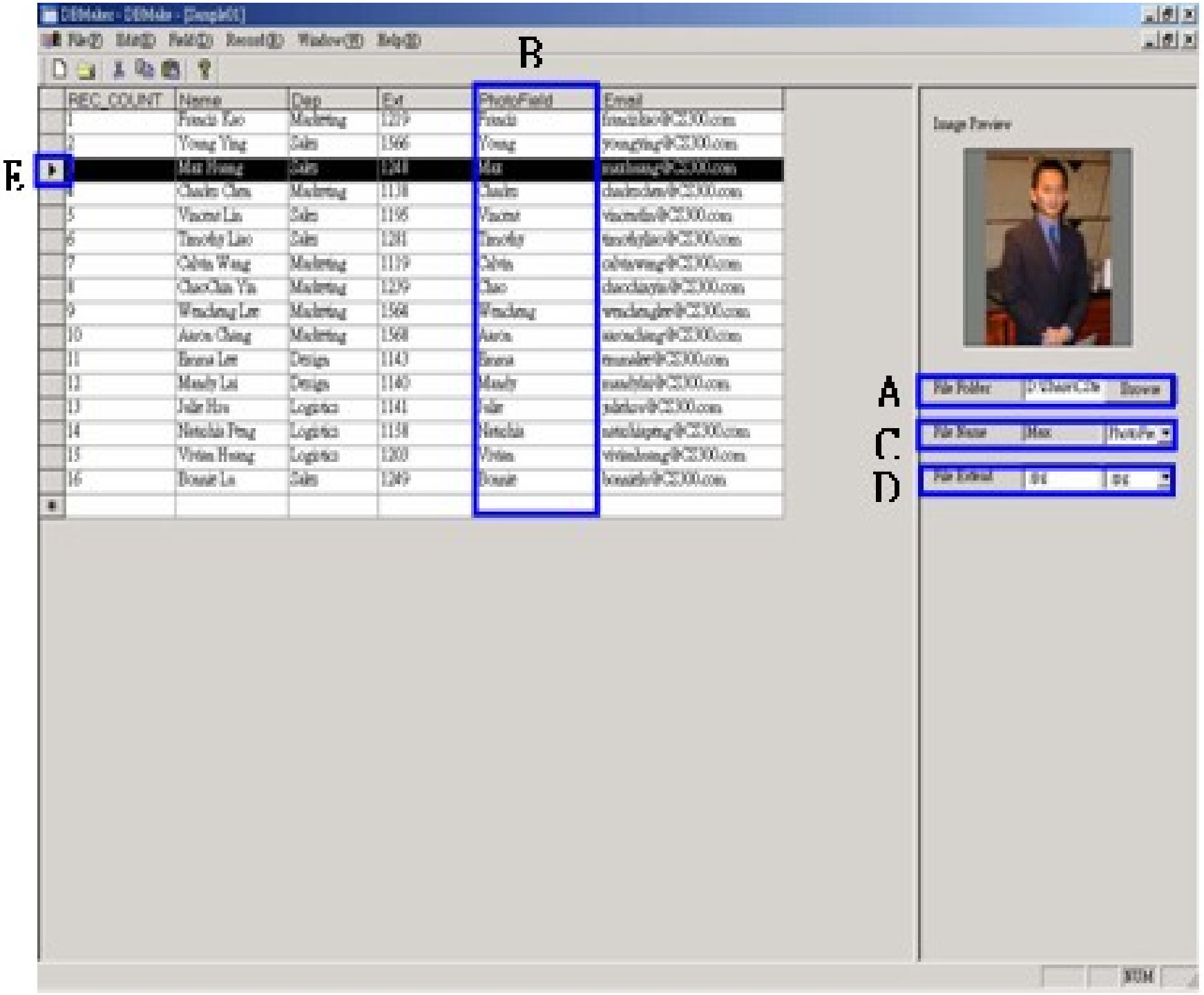
- Add/Delete Record :select **Menu Bar** ： **RecordAdd Record** 或 **Delete Record**

  - **Add Record** ： Once you select [Add Record] ， the cursor will automatically move to the last line of the table and the user can input data.

  - **Delete Record** ： When you select [Delete Record] ， the whole line where the arrow locates will be deleted



- Settings for Images Preview
  - First, you need to save all the images files you need in the same folder (The user can browse the folder path or directly input the path of the folder in the blank of [File Folder] shown as A in the following illustration).
  - Type all the file names sequentially into a certain field of the database (shown as B in the following illustration). For example, if you put all the image files in the subfolder ”PM” which is in the folder “CStest” in disc D, and you also key in all the image file names into a field call “Photofiled” in your database. Please input “D:\CStest\PM\” in the blank of [File Folder] or press [Browse] for the folder of the images files path.
  - Select Field Name in the drop down list of [File Name] (shown as C in the following illustration) and select “.jpg” in the blank of [File Extend] (shown as D in the following illustration). Then, the image which the arrow (shown as E in the following illustration) locates will be shown in the preview area.


B
E
A
C
D
REC_COUNT
Name
Dep
Ext
PhotoField
Email
Image Preview