

CELLICA DATABASE FOR ANDROID

USER GUIDE

PRODUCT VERSION: 3.6

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1 INTRODUCTION

Being away from your office does not mean not having the access to your data. Consider the scenario when you want to carry a copy of the database on your Android device, update the data and send updated data from Android device to original database on PC. Now it is possible with the Cellica Database .

Cellica Database for Android allows you to be more productive by allowing viewing and updating the database contents on your Android device. Cellica Database for Android device allows to sync with Microsoft Access, Microsoft Excel, and any ODBC Compliant database like Oracle, SQL Server etc. The software package consists of two software: the Cellica Database Desktop (Server) that runs on Microsoft Windows, and Android device Cellica Database (Client) that run on the Android device. You will use the Desktop side software to create the database profiles (make the list of database) for Android phone/ Tablet and data will be synchronize with Android phone/ Tablet depending on your sync settings on phone/ Tablet. Cellica Database on Android phone/ Tablet will receive these profiles and data respectively and view the contents of the database.

1.1 Features

- Synchronize data Wirelessly with Android phone/ Tablet (Using Internet).
- View and update data on Android phone/ Tablet, which will reflect to Server database immediately.
- Synchronize Table/View or Stored Procedure of your database with Android phone/ Tablet
- Synchronize only updated desktop data to Android device.
- Apply SQL Select queries, Filters; Sort the fields and Synchronize data according to it.
- Supports Databases: Microsoft Access 97/2000/2003/2007/2010, Microsoft Excel 97/2000/2003/2007/2010, Oracle, Microsoft SQL Server, Sybase, FileMaker Pro, DB2, MySQL, PostgreSQL, FoxPro, dBase, R:BASE and **any ODBC Compliant Database**.
- Get the data of Views and Stored Procedure of DSN base database on Android device.
- Create your own custom database on Android device, or choose from one of the predesigned templates such as Vehicle Info, Bank Account, and Membership Info etc.
- Supported Password protection.
- Supports Unicode language database such as Japanese, Chinese, Korean, Russian etc.
- Supported Forms on phone/ Tablet.
- Design form on desktop with Label, Text Field, Buttons, Checkbox, Combo box, Page control
- Send single record data on form as a .png image by Email. Image control on form, Select image on device for each record.
- Import/Export form design.
- Data is not stored on any Intermediate Server.
- Password protection supported for device side application.
- Supports Sub forms, Design a master/detail form, or a parent/child form using sub form.
- While synchronization data is AES encrypted and compressed.
- Password protection supported for device side application.
- Supports Sub forms, Design a master/detail form, or a parent/child form using sub form.

1 USING THE CELLICA DATABASE ON THE DESKTOP

This section will explain how to **use Cellica Database** software on the PC.

Run CellicaDatabase from the shortcut available on the desktop, or use Start Menu: Start> Programs-> Cellica Database->Cellica Database.

There are three modules available here.

1. Profile Manager

2. Form Manager

3. Preferences

Profile Manager allows you to select your Table/Views/Stored Procedure to transfer to device.

Form Manager allows you to design the form on the created profile in Profile Manager Module.

Preference allows to set various application preferences such as Synchronization settings, Connection Settings etc.

First use “ Profile Manger” to select your database then only use “ Form Manager” to design the form.

Once you create the Profile and Forms in desktop side Cellica Database software, just sync from Android device to get the desktop designed form and database to Android device.

1.1 Profile Manager

Use Profile Manager to add profiles (list of database) for your Android device. Use Add Profile/ Remove Profile buttons to update the profiles list.

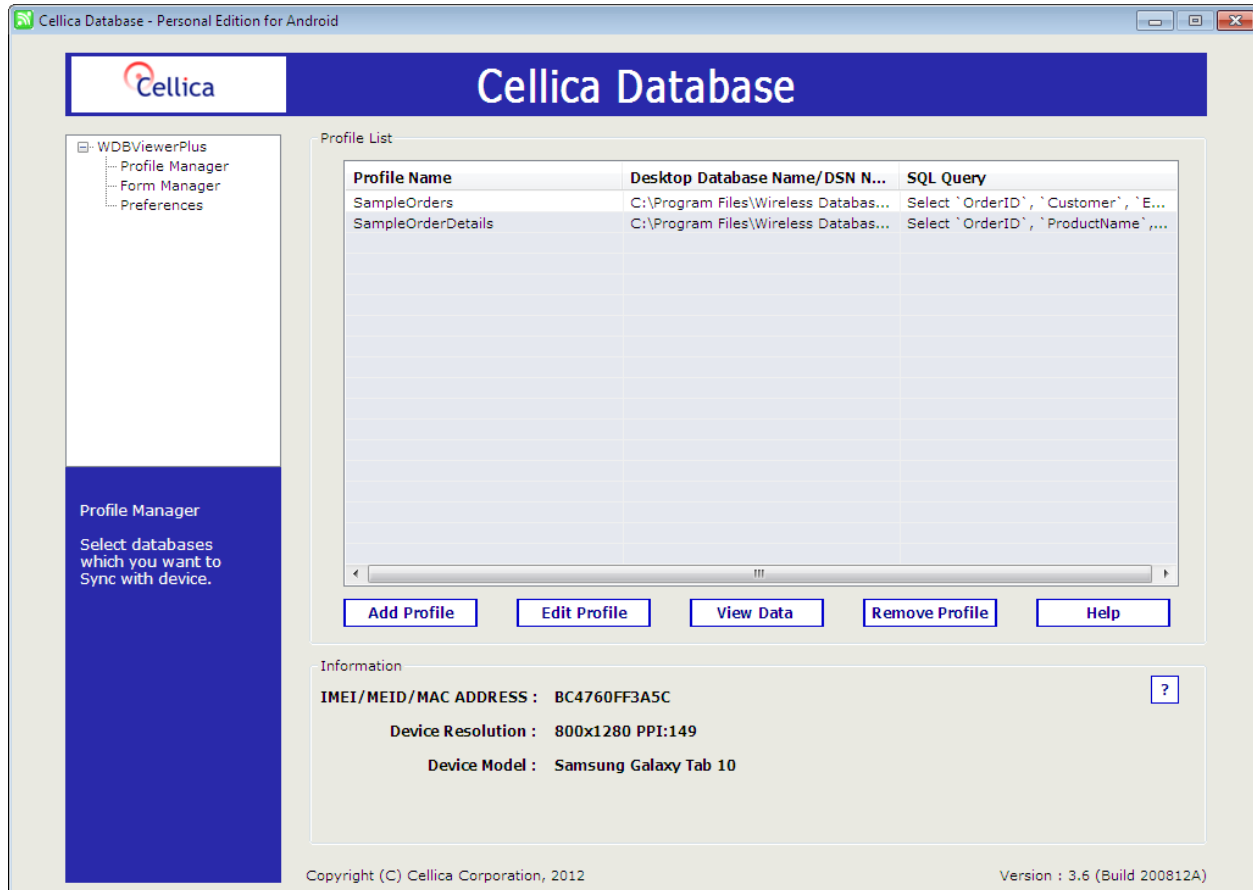


Figure 1: Profile Manager

1.1.1 Add Profile

Use Add Profile button to select the database, which you want to synchronize with Android device.

On clicking “ Add Profile” button, you will get “ New Profile: Database Connection” dialog.

1.1.2 Edit Profile

Use Edit Profile button to update the selected profile. You can select another Table/Views/ Queries/Stored Procedure. Also you can change the Filter/Sort/Column Sequence of selected Profile.

1.1.3 Remove Profile.

Use “ Remove Profile” button to remove the selected profile from device and desktop.

This action will remove profile first from desktop software and then on next sync from device, it

will be deleted from device also.

1.1.4 View Profile Data

Single Record View (Record 1 / 830)

Field	Value
OrderID	10248
Customer	VINET
Employee	Buchanan, Steven
OrderDate	04-Aug-94 12:00 AM
RequiredDate	01-Sep-94 12:00 AM
ShippedDate	16-Aug-94 12:00 AM
ShipVia	Federal Shipping
Freight	32.38
ShipName	Vins et alcools Chevalier

View records of selected profile in single record mode.

1.1.5 Selection of File base and DSN base database.

Select the database, which you want to synchronize with Android device. User can select File Based as well as DSN based database. Apply Filter/ Sort for selected tables.

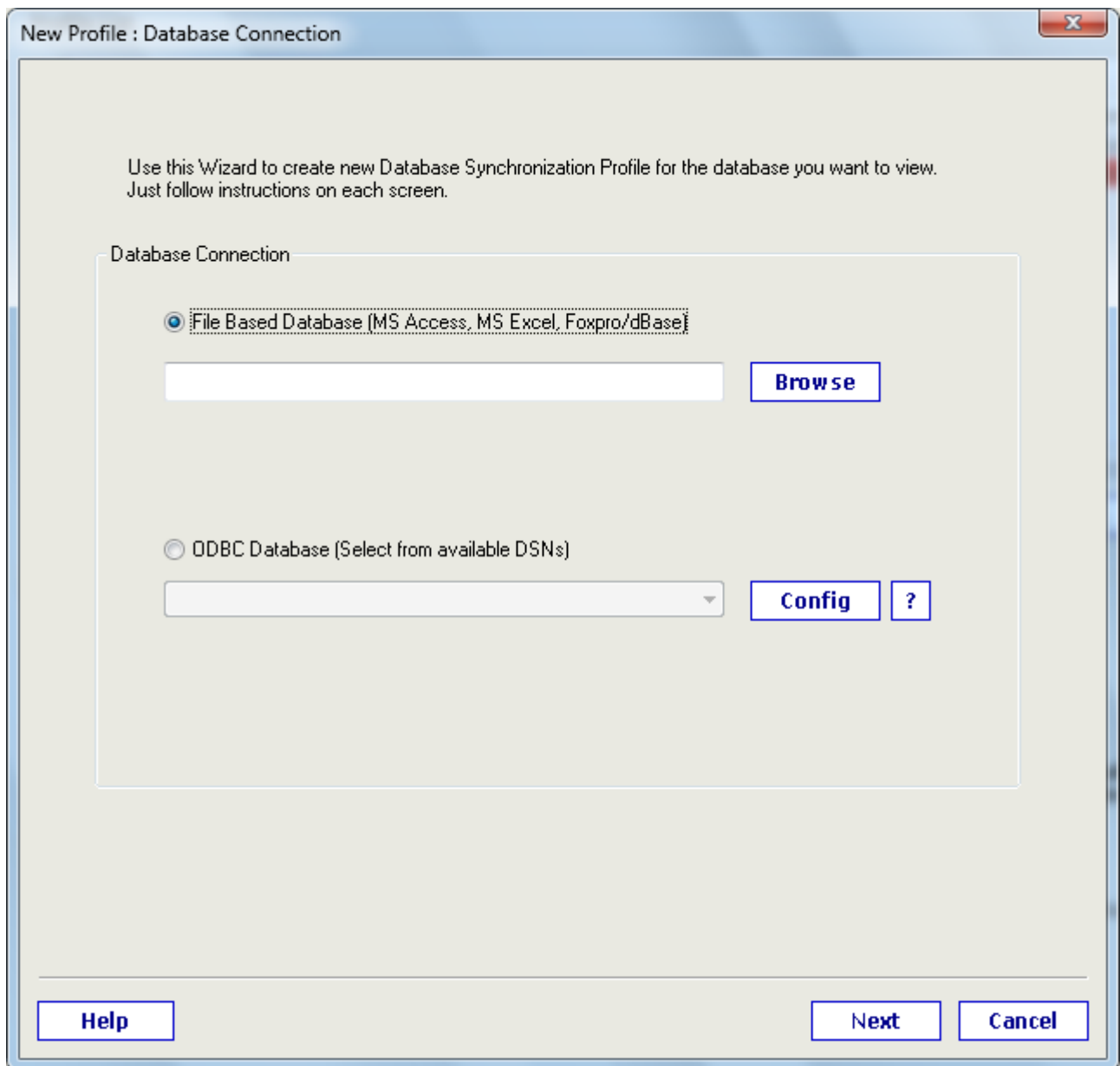


Figure 2: Database Selection

1.1.6 File Based Database

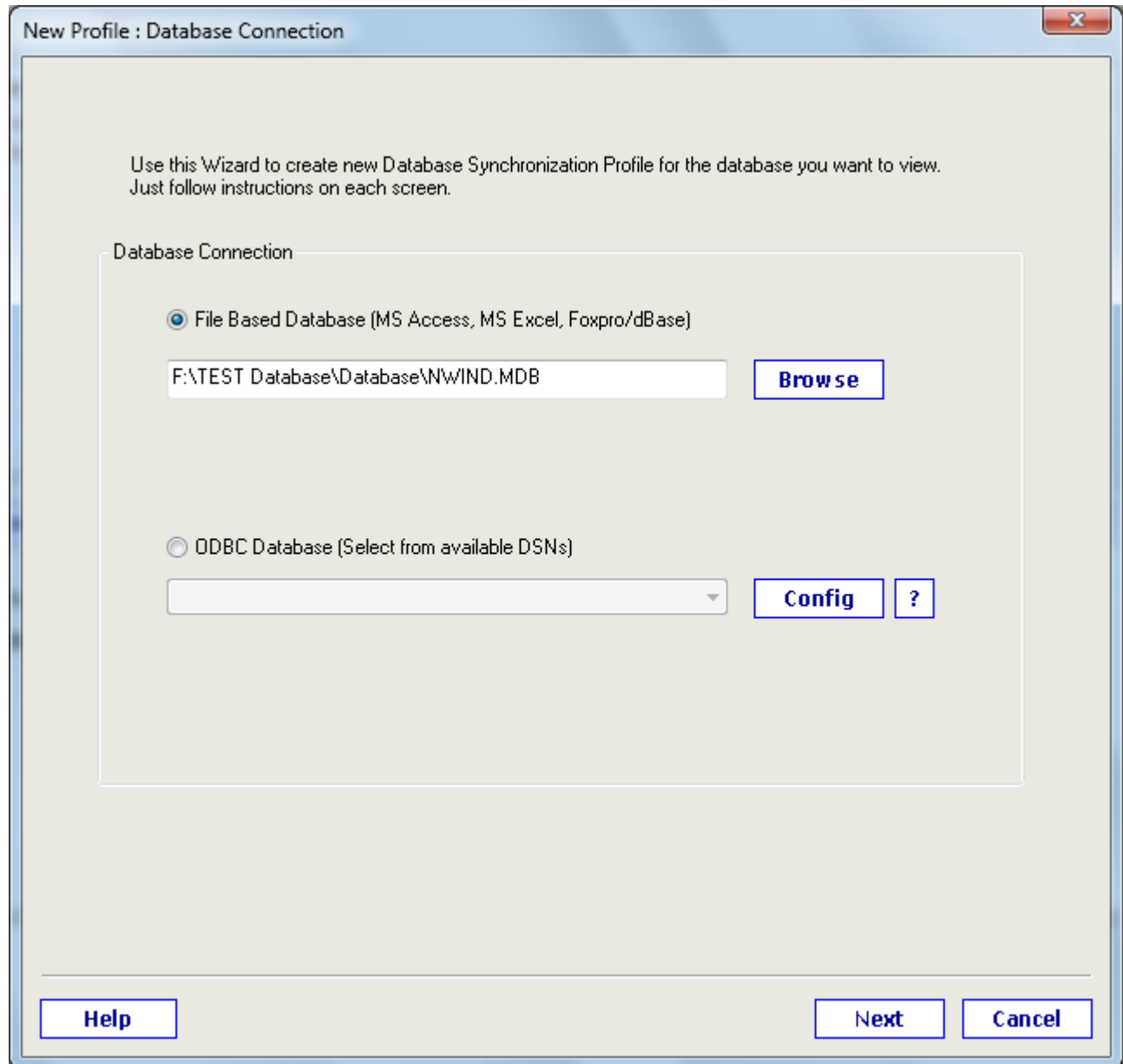
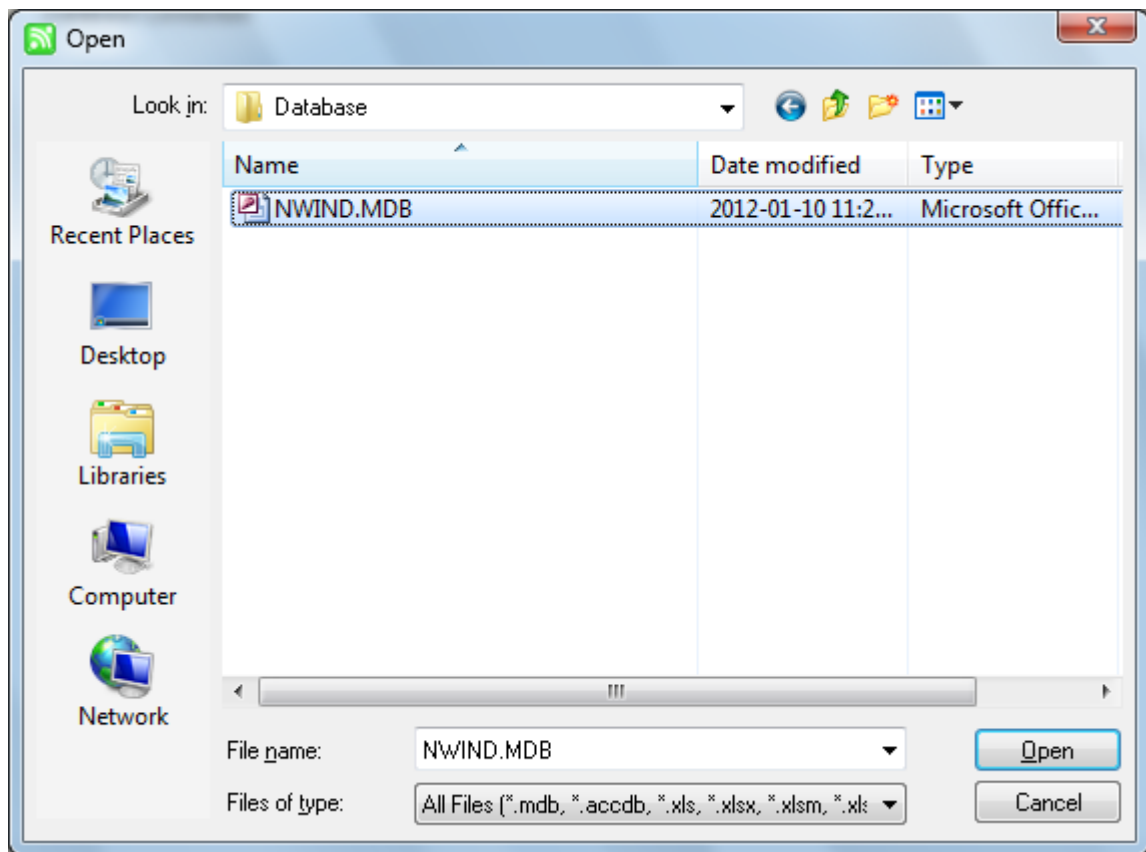


Figure 3: File Based Database Selection

Click on Browse button to select file of type: MS Access, MS Excel, FoxPro, dBase, you will get the screen as follows.



1. Select Files of type such as Microsoft Access Database (*.mdb, *.accdb), Excel Files (*.xls, *.xlsx, *.xslm), or FoxPro/dbase Database (*.dbf) files and then select File name of your choice, for example NWIND.mdb, and click Open.
2. When you select an Excel file using Browse button, you will get a dialog prompt as:

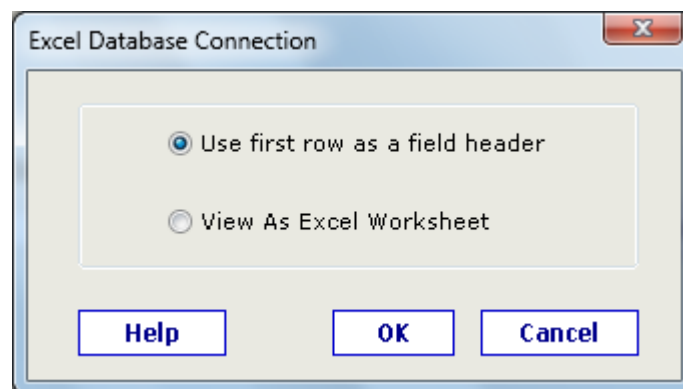


Figure 4: Excel Selection

Here, when you select "View As Excel Worksheet", contents will be shown similar to that of Excel Worksheet. Whereas, when you select "Use first row as a field header", it will be treated as a database. In this case, customized SQL queries will work on your Spreadsheet.

New Profile : Build Query

Profile Name :
Customers

Select List Type
☒ Tables ☐ Views / Queries

Categories
Customers
Employees
Order Details
Orders
Products
Shippers
Suppliers

Select Column(s) : ☒ Select All

Column Names	Datatypes
☒ 'CustomerID'	SQL_WVARCHAR
☒ 'CompanyName'	SQL_WVARCHAR
☒ 'ContactName'	SQL_WVARCHAR
☒ 'ContactTitle'	SQL_WVARCHAR
☒ 'Address'	SQL_WVARCHAR

Filter Sort Arrange Columns

SQL Query :
Select 'CustomerID', 'CompanyName', 'ContactName', 'ContactTitle', 'Address', 'City', 'Region', 'PostalCode', 'Country', 'Phone', 'Fax' from "Customers"

Show Preview

Select Location for Database on Device
☒ Main Memory ☐ SD Card

Help Back Apply Cancel

Figure 5: Table Selection

To manually apply filters and sort orders click on "Filters" and "Sort" buttons.

1.1.7 DSN based Database

Click on popup provided to select database via Database Source (DSN) such as Oracle, MySQL, and SQL Server. You will get list of available Database Source Name.

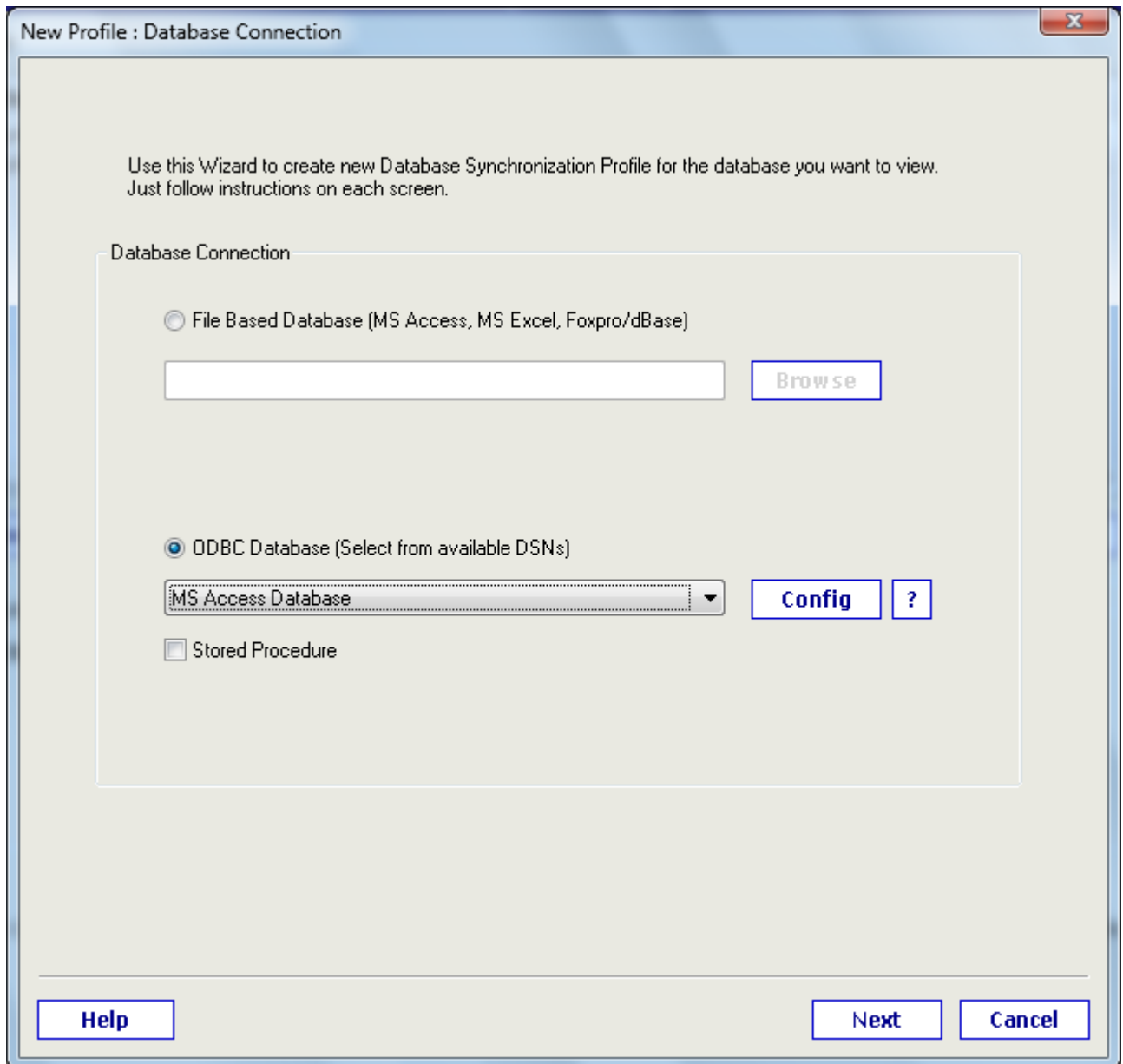


Figure 6: DSN Database Selection

You can manage DSN via ODBC Data Source Manager in Windows Control Panel.

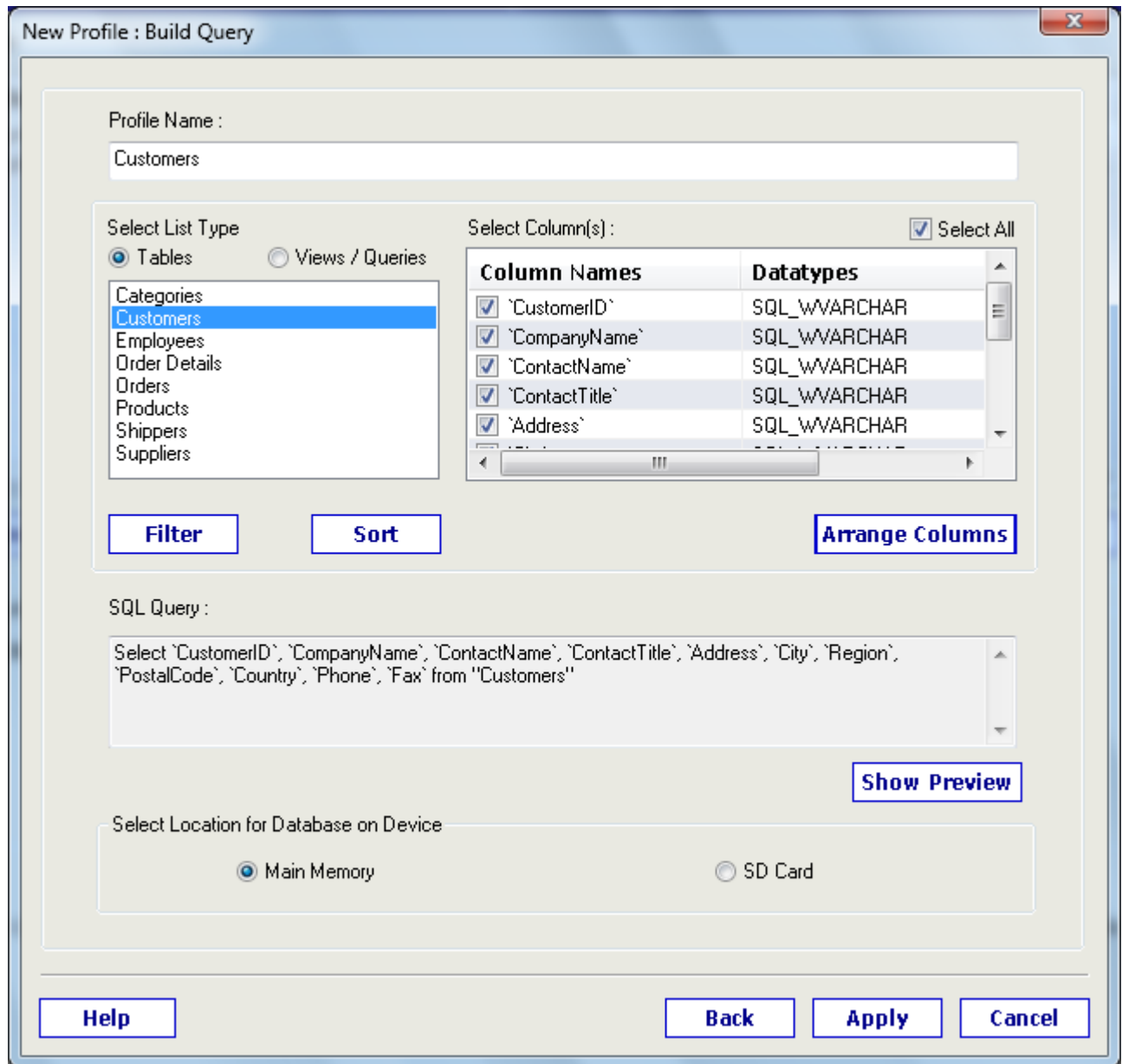


Figure 7: Table Selection

1.1.8 Select Tables from your Database

After selection of your database, you will get following screen. Here “ Select List Type” has two options.

1. Tables
2. Views/Queries.

Table’ s option is default option and shows all the tables available in your database. Select one of the tables which you want to transfer to Android device.

New Profile : Build Query

Profile Name :
Customers

Select List Type
☒ Tables ☐ Views / Queries

Categories
Customers
 Employees
 Order Details
 Orders
 Products
 Shippers
 Suppliers

Select Column(s) : ☒ Select All

Column Names	Datatypes
☒ 'CustomerID'	SQL_WVARCHAR
☒ 'CompanyName'	SQL_WVARCHAR
☒ 'ContactName'	SQL_WVARCHAR
☒ 'ContactTitle'	SQL_WVARCHAR
☒ 'Address'	SQL_WVARCHAR

Filter **Sort** **Arrange Columns**

SQL Query :
 Select 'CustomerID', 'CompanyName', 'ContactName', 'ContactTitle', 'Address', 'City', 'Region', 'PostalCode', 'Country', 'Phone', 'Fax' from "Customers"

Show Preview

Select Location for Database on Device
☒ Main Memory ☐ SD Card

Help **Back** **Apply** **Cancel**

1.1.9 Select Views/Queries from your Database

After selection of your database, you will get following screen. Here “ Select List Type” has two options.

1. Tables

2. Views/Queries - Views/Queries options shows all the views and queries

available in your database. Select the view or query which you want to transfer to Android device.

For MS Access database, this option will show all the queries available in your MS Access database.

New Profile : Build Query

Profile Name :
Sales by Year

Select List Type
☐ Tables ☒ Views / Queries

Order Subtotals
Product Sales for 1995
Products Above Average Price
Quarterly Orders
Quarterly Orders by Product
Sales by Category
Sales by Year
Ten Most Expensive Products

Select Column(s) : ☒ Select All

Column Names	Datatypes
☒ `ShippedDate`	SQL_TIMESTAMP
☒ `OrderID`	SQL_INTEGER
☒ `Subtotal`	SQL_NUMERIC
☒ `Year`	SQL_WVARCHAR

Filter Sort Arrange Columns

SQL Query :
Select `ShippedDate`, `OrderID`, `Subtotal`, `Year` from "Sales by Year"

Show Preview

Select Location for Database on Device
☒ Main Memory ☐ SD Card

Help Back Apply Cancel

Figure 8: Select Views/Queries of your database

1.1.10 Apply Filters

In the above dialog box, click on "Filters" button, you will see the following filter dialog:

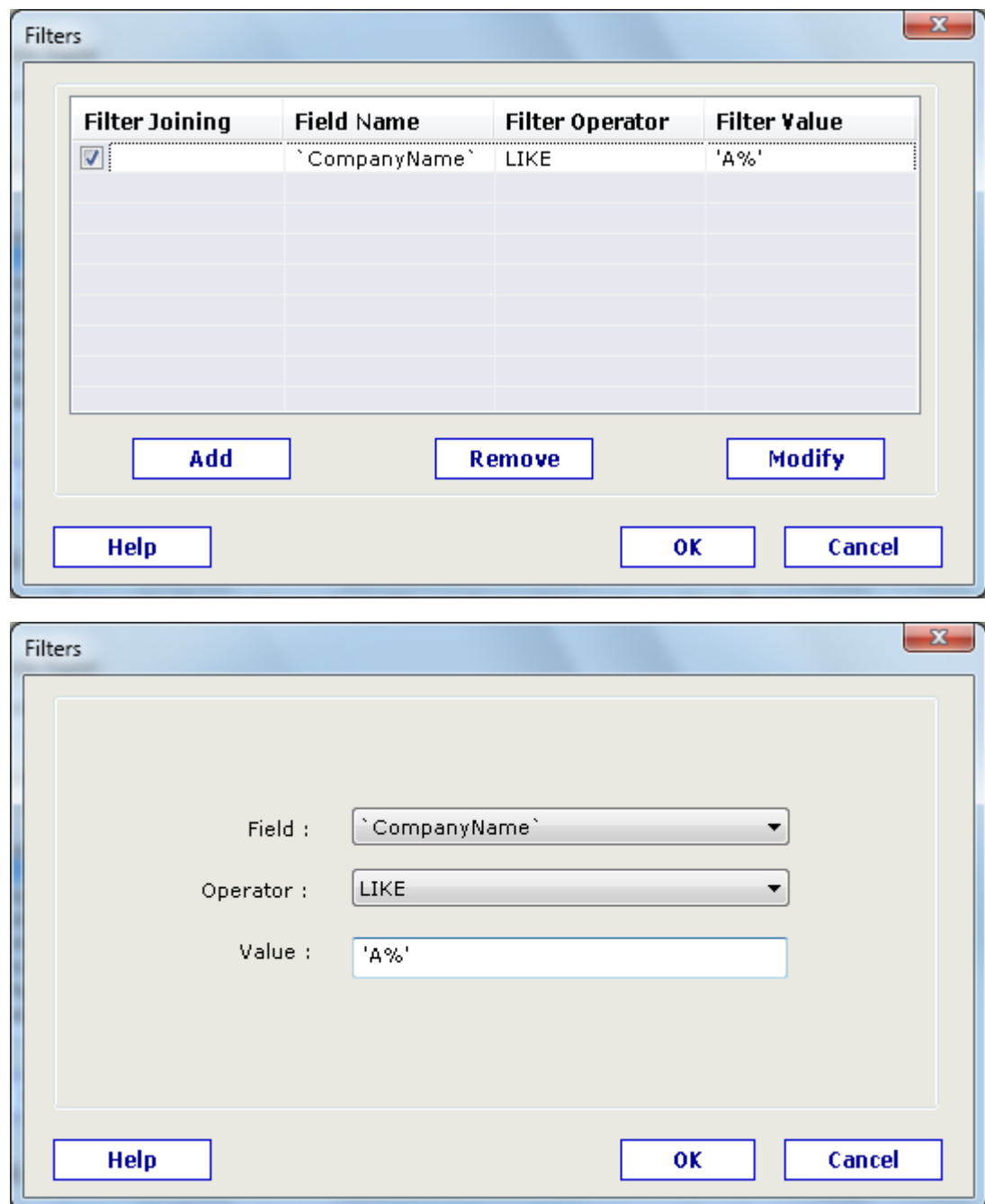


Figure 9: Apply Filter

Here, you can apply as many filters as you want. Click on "Add" button to have more filters. Select field from "Field" dropdown control, select operator from "Operator" dropdown control and click on "Value" edit box and enter value, which you want as a filter condition value.

1.1.11 Apply Sort

In “ New Profile: Build Query” dialog (Fig. 11), click on the “Sort” button, you will get the following sort order Dialog.

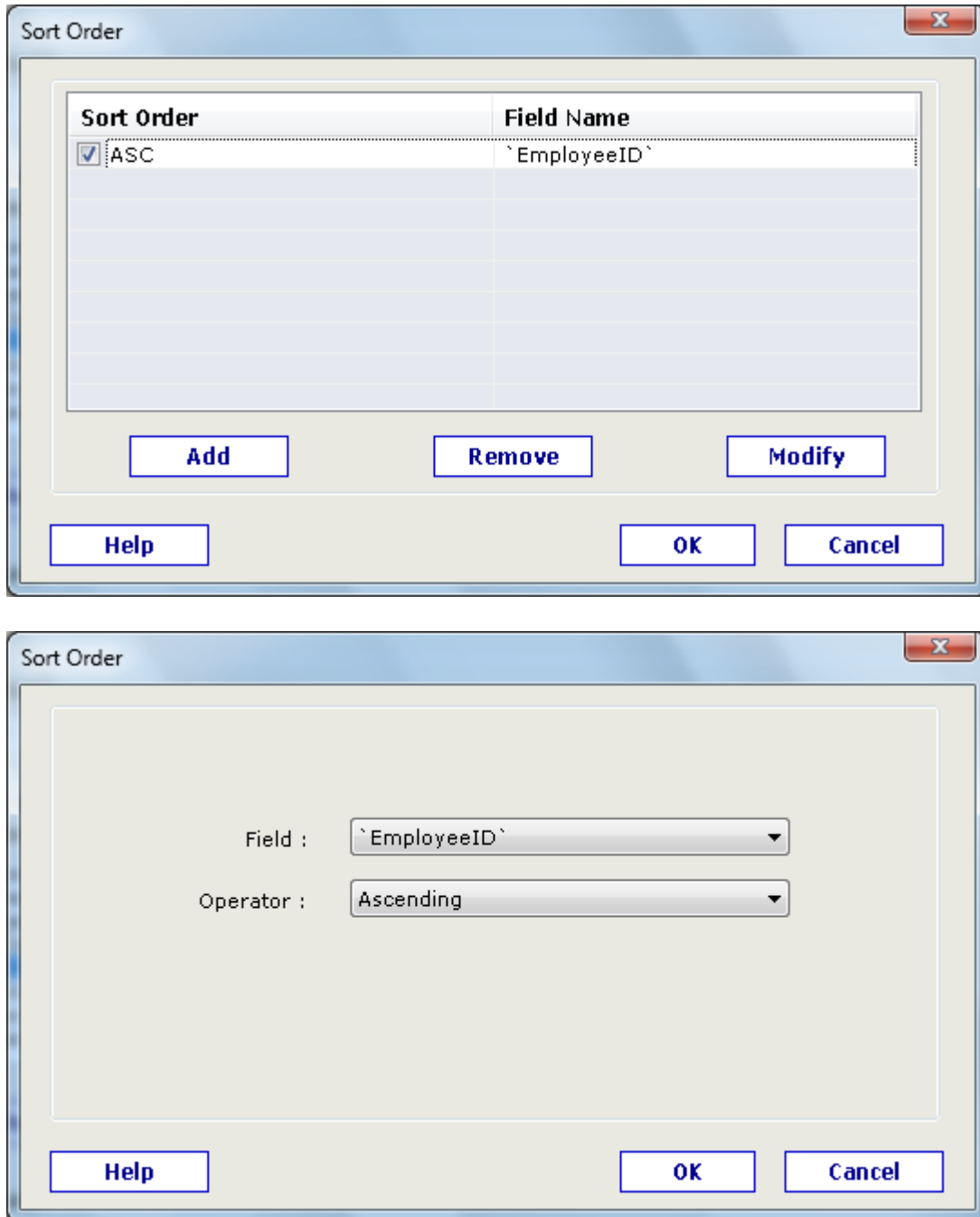


Figure 10: Apply Sort

Use “ Add” button to implement Sorting on particular column.

1.1.12 Apply Column Sequence:

Here you can alter the order in which your database field should appear / will appear on your Android device. Select the fields in the order in which you want those to appear on your Android device. Use “ Clear All” button to uncheck all the selected fields. Use “ Undo Select” button to undo last selection.

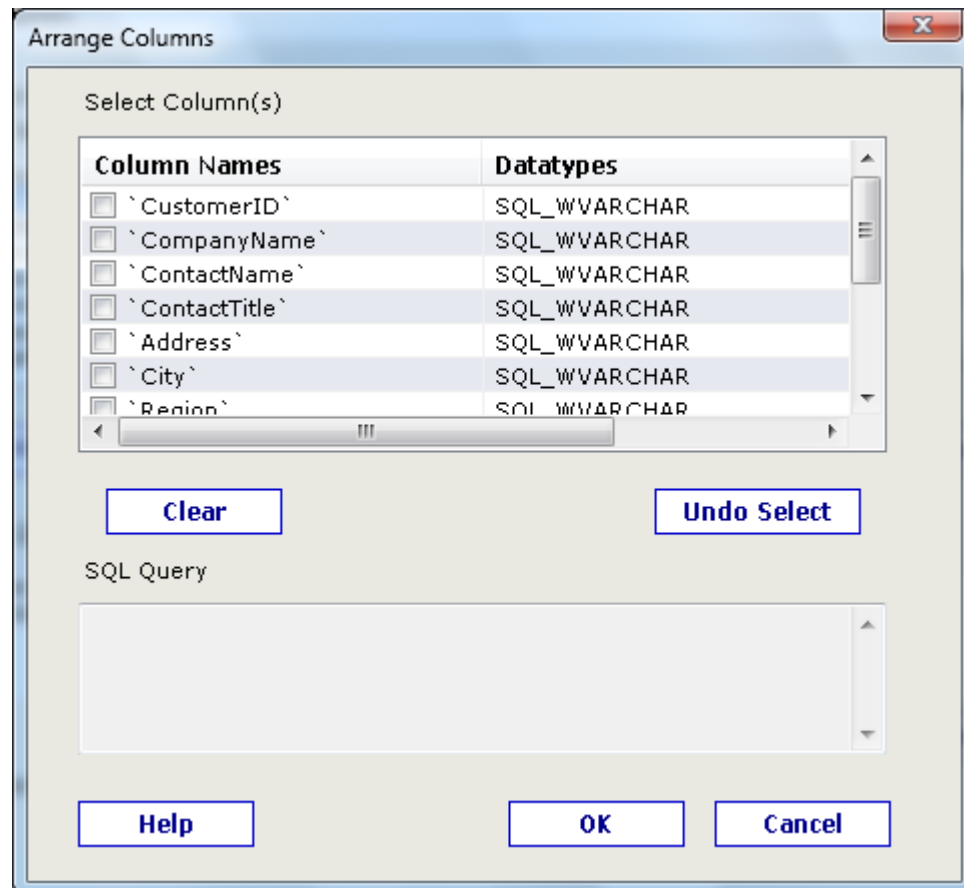


Figure 11: Arrange Columns

1.1.13 Selection of Stored Procedure

After selecting “ ODBC Database” option (in fig.7), you will get “ Stored Procedure” check mark option, enable this check mark and you will get list of stored Procedure in your database. Select Stored Procedure from this list.

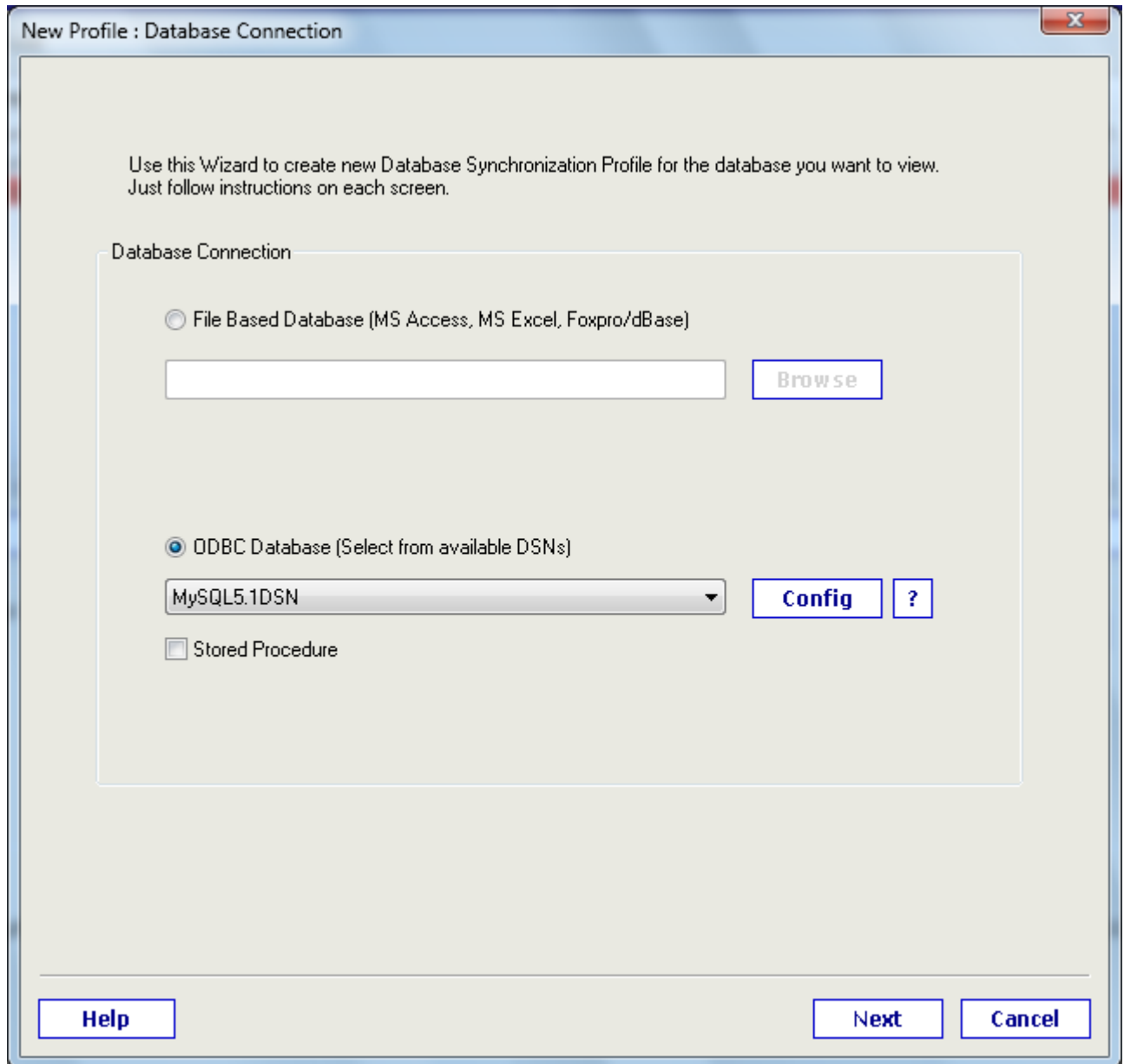


Figure 12: Select DSN of Stored Procedure

New Profile : Build Query

Profile Name :
GET_EMP_PROJ

Select Procedure(s) :
ADD_EMP_PROJ
ALL_LANGS
DELETE_EMPLOYEE
DEPT_BUDGET
GET_EMP_PROJ
MAIL_LABEL
ORG_CHART
SHIP_ORDER
SHOW_LANGS
SUB_TOT_BUDGET

Parameter(s) :

Parameter N...	Datatypes	Directions
EMP_NO	SQL_SMALLINT	INPUT
PROJ_ID	SQL_CHAR	OUTPUT

Select Column(s) :

Column Names	Datatypes

Show Preview

Select Location for Database on Device
☒ Main Memory ☐ SD Card

Help

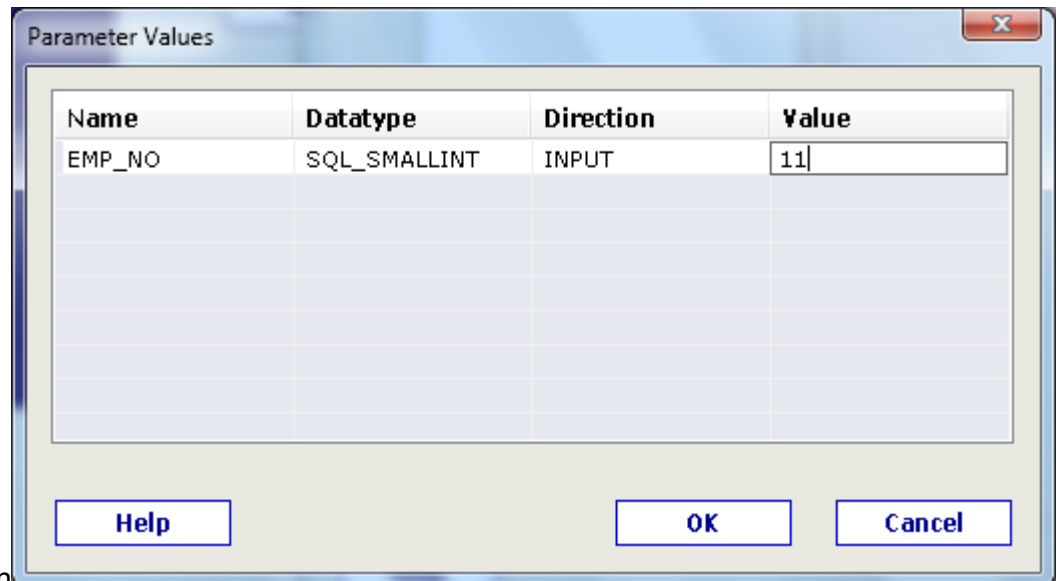
Back

Apply

Cancel

Figure 13: Selection of Stored Procedure

If your stored Procedure will have parameter values, then Parameter values dialog will appear.
Select Particular Parameter and click on Value field for that parameter. Enter specific Value



The dialog box titled "Parameter Values" contains a table with four columns: Name, Datatype, Direction, and Value. The first row is populated with "EMP_NO", "SQL_SMALLINT", "INPUT", and "11". Below the table are three buttons: Help, OK, and Cancel.

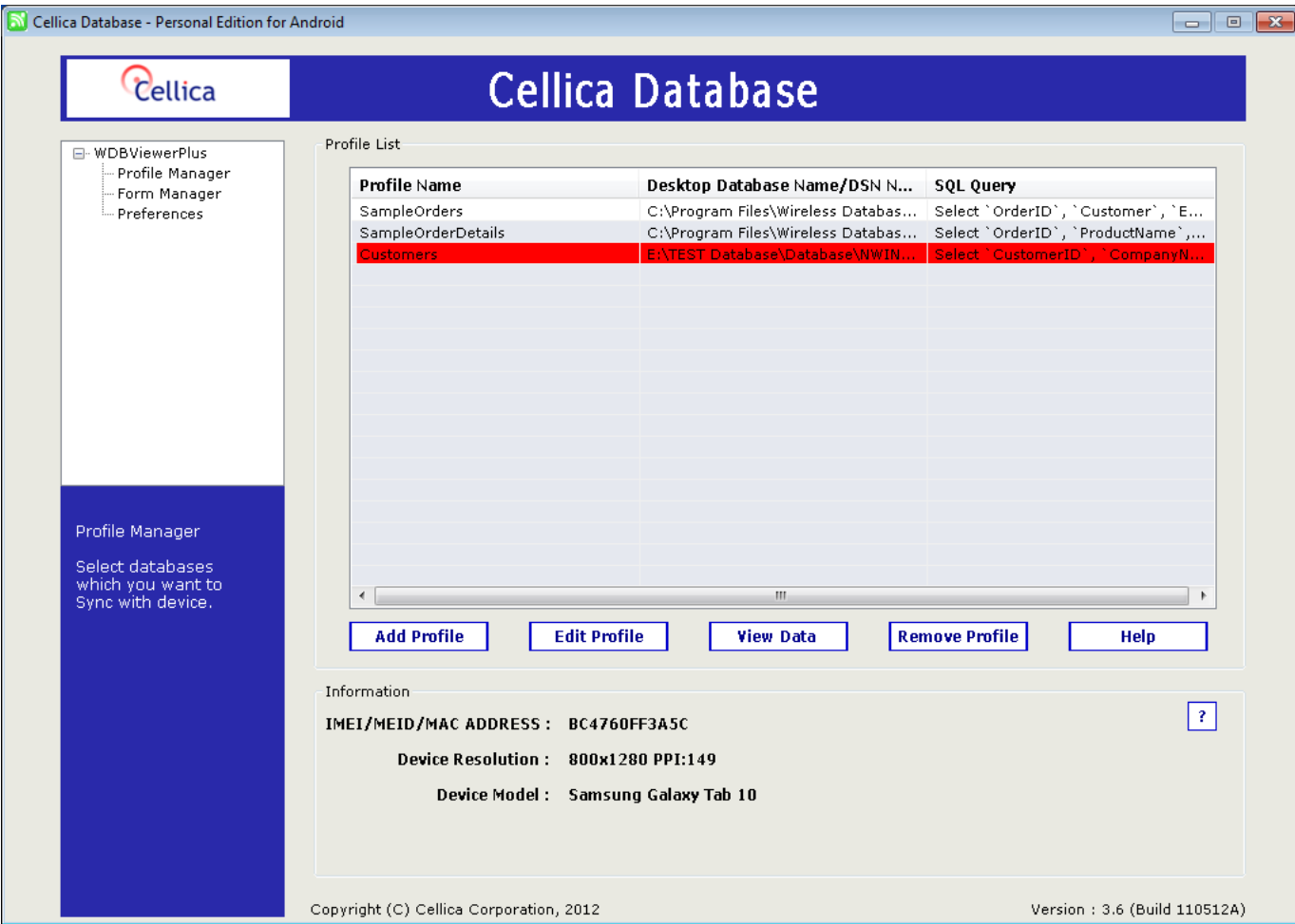
Name	Datatype	Direction	Value
EMP_NO	SQL_SMALLINT	INPUT	11

you want. Use OK button

Figure 14: Enter Parameter Values for Stored Procedure

1.1.14 “Profile available for sync” indication

Newly created profile will be listed in red color. It indicates that profile is available for syncing from device. Once profile is synced with device, profile color will change to normal color.



The screenshot shows the Cellica Database application interface. On the left is a sidebar with a menu containing "WDBViewerPlus", "Profile Manager", "Form Manager", and "Preferences". The main area is titled "Cellica Database" and contains a "Profile List" table. The table has three columns: Profile Name, Desktop Database Name/DSN Name, and SQL Query. The "Customers" profile is highlighted in red. Below the table are buttons for "Add Profile", "Edit Profile", "View Data", "Remove Profile", and "Help". At the bottom, an "Information" section displays device details: IMEI/MEID/MAC ADDRESS, Device Resolution, and Device Model.

Profile Name	Desktop Database Name/DSN Name	SQL Query
SampleOrders	C:\Program Files\Wireless Databases\...	Select `OrderID`, `Customer`, `E...
SampleOrderDetails	C:\Program Files\Wireless Databases\...	Select `OrderID`, `ProductName`, ...
Customers	E:\TEST Database\Database\WWIN...	Select `CustomerID`, `CompanyN...

Information

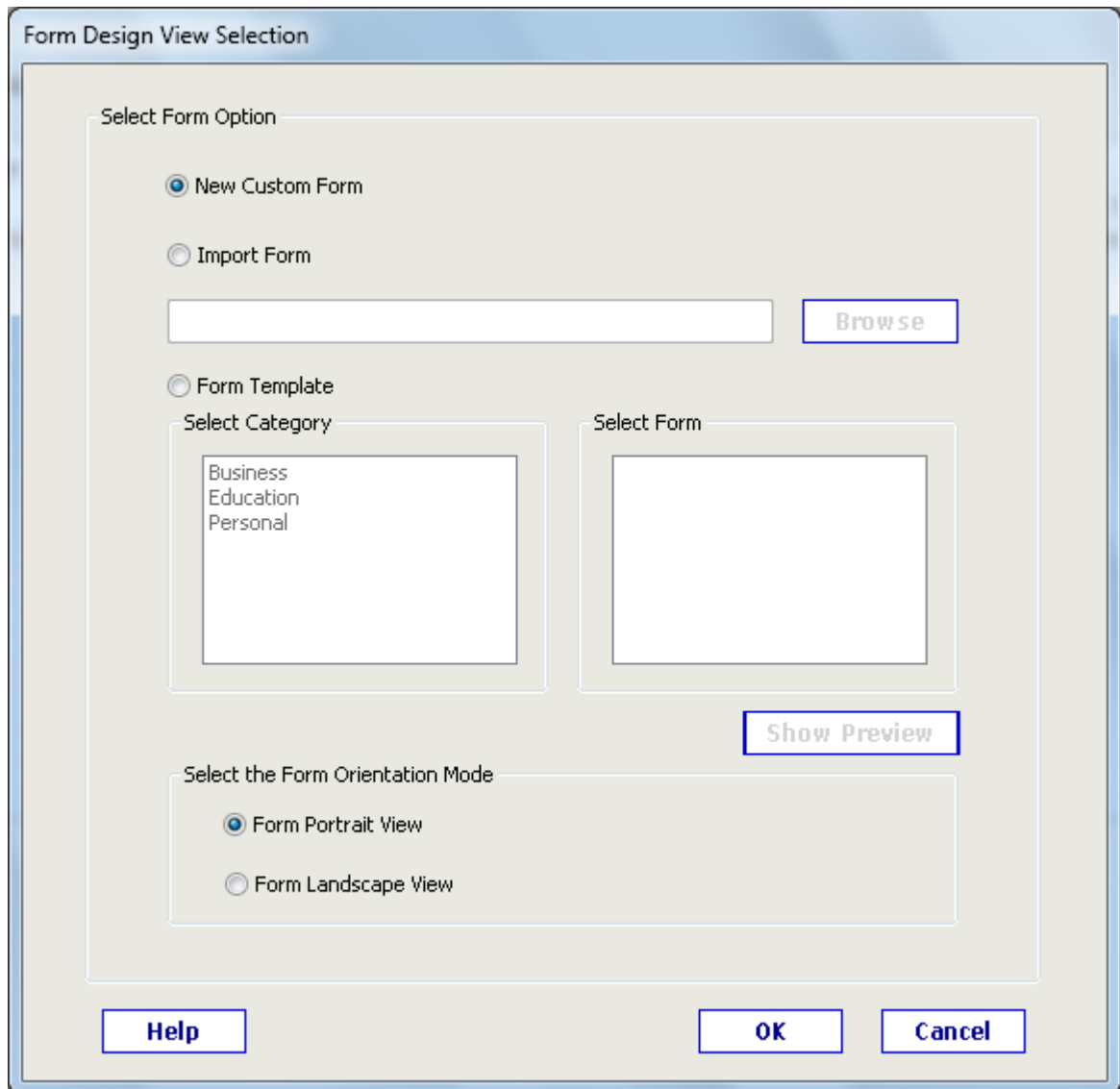
IMEI/MEID/MAC ADDRESS : BC4760FF3A5C

Device Resolution : 800x1280 PPI:149

Device Model : Samsung Galaxy Tab 10

Figure 14: Profile Ready for Sync

Click on “ Add Form” button to create the form. You will get following “ Database Profile Selection” screen, which will show list of profiles which you have created in Profile Manager.



The image shows a dialog box titled "Form Design View Selection". It contains several sections for configuring a new form design. The "Select Form Option" section has two radio buttons: "New Custom Form" (selected) and "Import Form". Below "Import Form" is a text box and a "Browse" button. The "Form Template" section has a "Select Category" list box containing "Business", "Education", and "Personal", and a "Select Form" list box. Below these is a "Show Preview" button. The "Select the Form Orientation Mode" section has two radio buttons: "Form Portrait View" (selected) and "Form Landscape View". At the bottom are "Help", "OK", and "Cancel" buttons.

Form Design View Selection

Select Form Option

☒ New Custom Form

☐ Import Form

☐ Form Template

Select Category

Business
Education
Personal

Select Form

Select the Form Orientation Mode

☒ Form Portrait View

☐ Form Landscape View

After selection of “ New Custom Form” option, you will get following type of form designer windows which will show blank canvas of Android device to design form for your Android device. Add controls to canvas from Control Pallet according to your requirement. You can add controls to canvas by two ways, Either select the control in Control pallet and drag it to canvas or select the particular control and then click on canvas. See the “ Form Controls” section in this manual for properties of each control provided. See Tab Properties section for Form properties.

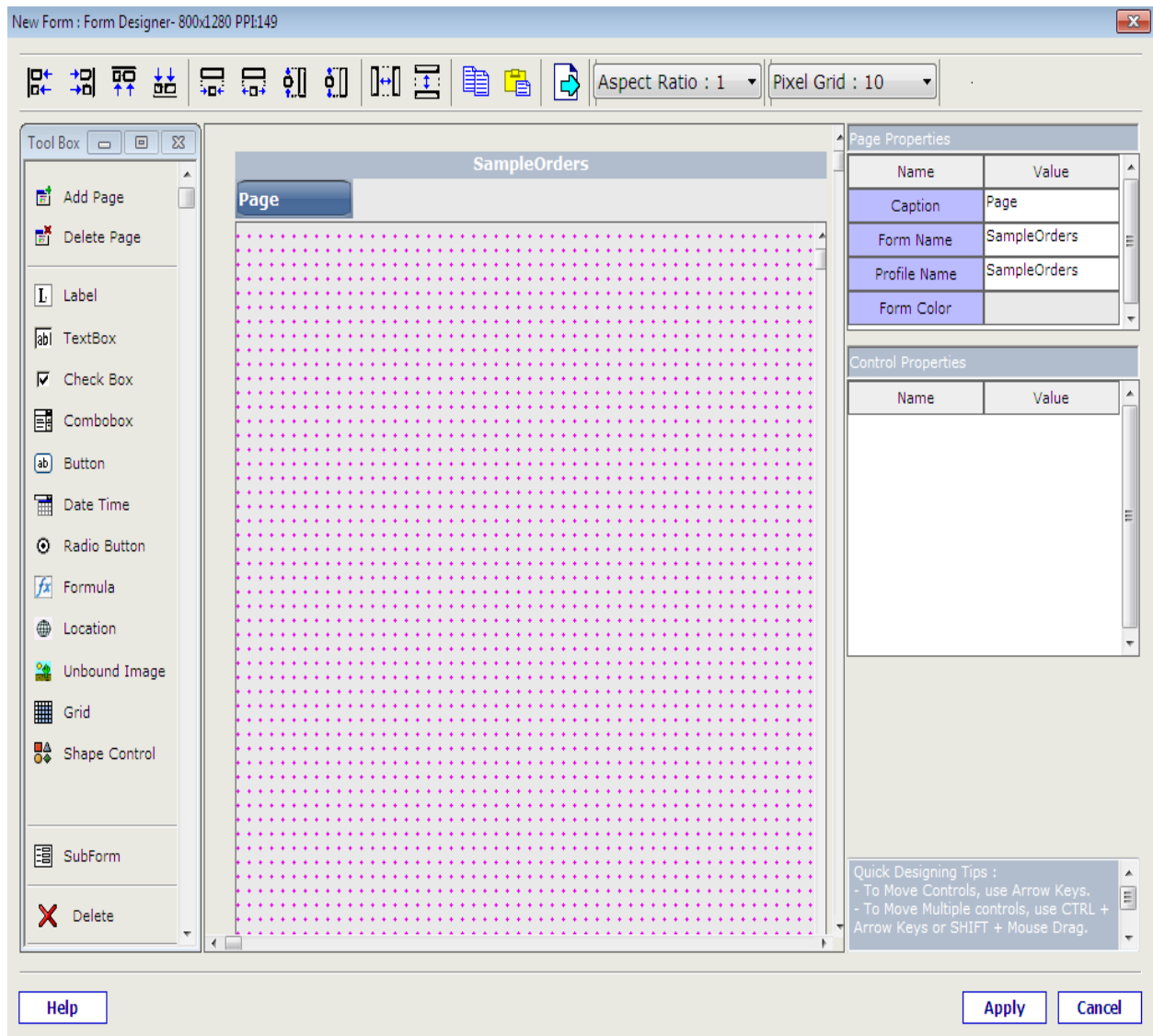


Figure 17: Form Designer Canvas

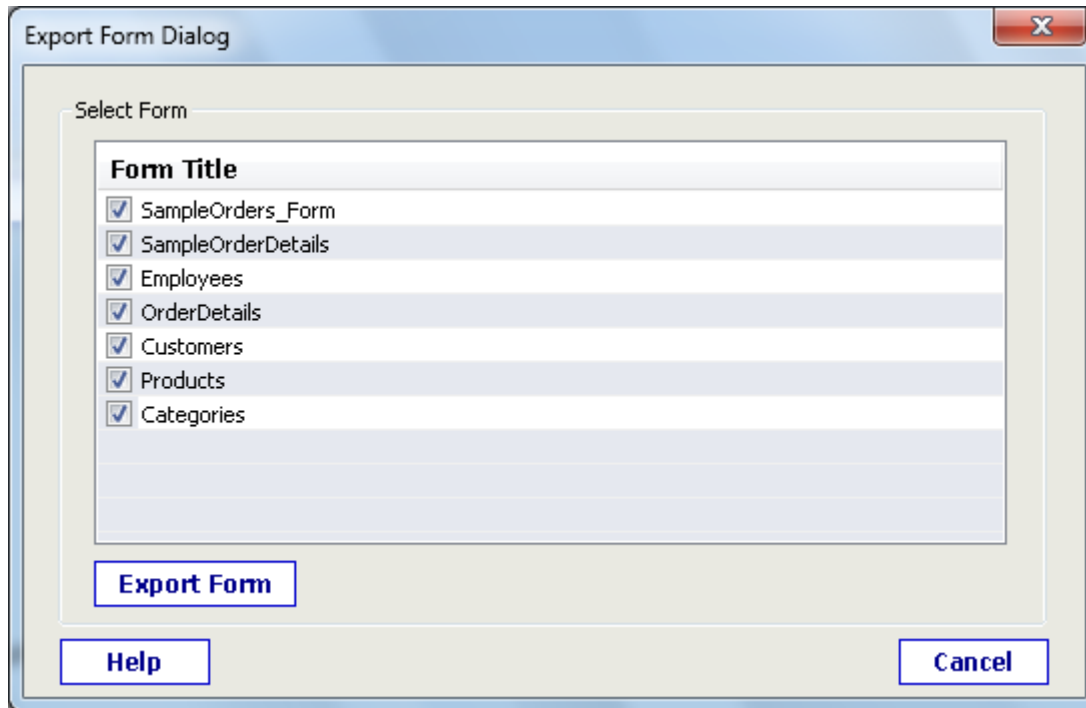
1.2.2 Edit Form

Use Edit Form button, to update the selected Form. You can redesign the complete form here.

1.2.3 Remove Form

Use Remove Form button to remove selected form from both desktop and device. Your form will be removed from desktop software first and then on next sync, it will be deleted from device also.

1.2.4 Export Form(s)



Select one or more forms from available form list and then click “ Export Form” button to backup forms at desired location.

1.3 Form Controls

Following section will explain controls available for form. To design form, you have to drag the control as per your requirement and set the properties for each control.

Following description of each control assumes that you are on the Form Design page.

1.3.1 Label

You use labels on a form to display descriptive text such as titles, captions, or brief instructions. Labels don't display values from fields or expressions; they're always unbound and they don't change as you move from record to record.

Use following procedure to create a stand- alone label (a label that isn't attached to another control).

1. Click the Label tool  Label in the Tool Box.

2. On the form, click where you want to place the label, and then type the text for the label in Caption property in Label Control Properties.

You can resize the label after you enter all the text.

Other Label Control Properties:

[X, Y]:

Set the location of control by entering the value of X/Y co- ordinate.

[Width, Height]:

Use this to set the width and height of the control.

Align Text:

You can align the text of label to Left, Right and Center.

ForeColor:

This property allows user to change the text color of label.

Font Name:

Set font name for label, this property shows the list of font names supported by Android device application.

Font Size:

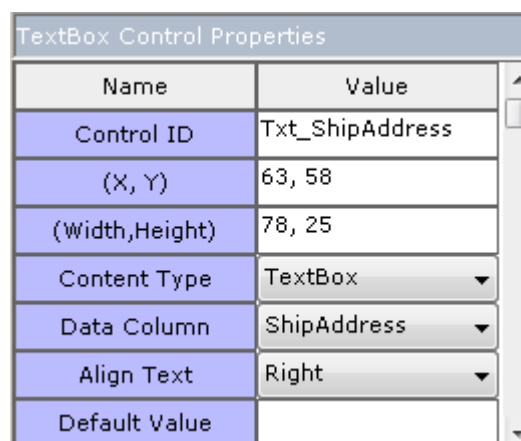
Here select the font size as per your requirement.

1.3.2 Text Box

Use text boxes on a form to display data from a record source. This type of text box is called a bound text box because it's bound to data in a field.

Use following procedure to create a Text box.

1. Click the Text Box tool  Text Box in the Tool Box.
2. On the form, click where you want to place the Text Box
3. In Text Box Control Properties, click the “ Data Column” .
4. Select the field, which you want to bind with this text field.



Name	Value
Control ID	Txt_ShipAddress
(X, Y)	63, 58
(Width,Height)	78, 25
Content Type	TextBox
Data Column	ShipAddress
Align Text	Right
Default Value	

Figure 18 :TextBox Control Properties

When you will drag the Textbox control on form, software maps it (Data Column) to ' None' , .
Please Change it according to your required column.

Control ID: You can use it in Formula control.

[X,Y]:

Set the location of control by entering the value of X/Y co- ordinate.

[Width,Height]:

Use this to set the width and height of the control.

Content Type:

User can set it this control Text box as well as getting IMEI/MEID/MAC Address of the device in this control. User can get IMEI/MEID/MAC Address of device by Setting this property to IMEI/MEID/MAC Address. On new record, user will get IMEI/MEID/MAC Address in this control. Content Type can also set to QR Code. To scan barcode data in Text box, user can set it to QR Code.

Default value:

Set default value for this text box when user will add new record.

Read Only:

If you want this Text Box non editable then set it to True.

ForeColor:

Set text color for this Text Box.

Font Name:

Set Font for this Text Box.

Font Size:

Set font size here for the text in the Text Box.

1.3.3 QR Code/Bar Code

Use text box on the form to get QR Code/Bar Code data. Drag Text Box control on form and set Content Type to " QRCode" . Now on Android, you need to tap on this control to scan the QR Code and transfer the scanned value in to this Text box control.

You can search QR Code data in your database. On "Find" dialog, you will get "Scan QR Code" button, This will allow you to scan QR Code data and after scanning QR code, you can search it in your database.

TextBox Control Properties	
Name	Value
Control ID	Txt_Customer
(X, Y)	77, 7
(Width,Height)	180, 20
Content Type	QRCode
Data Column	Customer
Align Text	Right
Default Value	

1.3.4 Check Box

You can use a check box on a form as a stand-alone control to display a Yes/No, True/False, or On/Off value. If the check box contains a check mark, the value is Yes; if it doesn't, the value is No. You can bind check box control to a column defined as a Bit data type. When the value in this column is 1, it is equivalent to Yes, On, or True conditions. When the value is 0, the column indicates No, Off, or False conditions.

Use following procedure to create a Check box.

1. Click the Check Box tool  Check Box in the Tool Box.
2. On the form, click where you want to place the Check Box
3. In Check Box Control Properties, click the “ Data Column” .
4. Select the field which you want to bind with this Check Box field.

CheckBox Control Properties	
Name	Value
Control ID	CheckBox
(X, Y)	37, 462
(Width,Height)	70, 25
Data Column	`None`
Caption	Check
Default Value	UnChecked
UnChecked	0

Figure 19: Checkbox Control Properties

Data Column:

Select the column of your database which you want to bind with this control.

Caption:

Give caption to checkbox control.

Default Value:

Set default value (checked or unchecked) for this control when you will add new record.

UnChecked:

User can set value for which check mark control shows unchecked.

Checked:

Here set value for which check mark control shows checked.

Disabled:

If you do not want to change the value of this control then set this property to True.

ForeColor:

Change text color of this control.

Font Name:

Change the Font of text of this control.

Font size:

Change the font size.

1.3.5 Combo Box

Combo Box is a quicker and easier way to select a value from a list than to remember a value to type. With a combo box, you can do either without using too much space on a form. A combo box is like a text box and a list box combined.

When you enter text or select a value in a combo box, if the combo box is bound, the entered or selected value is inserted into the field that the combo box is bound to.

Another important feature of this combo box is that it works like quick navigator. Example. If user has two tables Artists and Albums. Then map Artists name from Artists Table to combo box on main form. Now add subform with Grid control. Create relation between main form and subform on Artist id.

Now when user will select any Artist name in Combo box, he will get Album list in Grid Control on subform.

Use following procedure to create a Combo box.

1. Click the Combo Box tool  Combo Box in the Tool Box.
2. On the form, click where you want to place the Combo Box
3. In Combo Box Control Properties, click the “ Data Column” .
4. Select the field which you want to bind with this Combo Box field.

Combo box lists data two ways.

1. Combo Box can be based on a fixed value list (Combo Box Fixed Value List)
2. It can be based on Another Profile (Lookup)

1.3.5.1 Combobox fixed value list

Name	Value
Control ID	Cmbx_Employee
(X, Y)	20, 38
(Width, Height)	254, 25
Data Column	Employee
Items	Buchanan, Ste ...
Source Type	Valued List
Default Value	

Figure 20: Combo Box Control Properties with Source Type: Valued List

Data Column:

Select the data column, which you want to bind with this control.

Source Type:

Select “ Valued List” option here and then use “ items” property to add/edit/remove your own values to combo box.

Combo Item List

Add / Remove Items

Enter Item : **Add**

Items List :

- Buchanan, Steven
- Callahan, Laura
- Davolio, Nancy
- Dodsworth, Anne
- Fuller, Andrew

Remove

OK **Cancel**

Default Value:

Here select default value, which will be used as default when you will add new record.

Allow Item Edit:

If it is “ True” then user can add his own value, rather than selecting it from available list.

Disabled:

If you do not want to change the value of this control then set this property to True.

ForeColor:

Set text color of this control.

Font Name:

Set the Font of text of this control.

Font size:

Set the font size.

1.3.5.2 Combobox based on another profile(Lookup)

Combo box can have values from column of another profile. This column can be any column of profiles available in profile manager. Select “ Source Type” as “ Another Profile” .

Now in Lookup Profile property, select the profile whose column you want to map to combo box.

After selecting profile, select the Lookup Column, column which you want to map to combo box.

View Column is another option provided here which allows user to select the column whose data he wants to view in combo box.

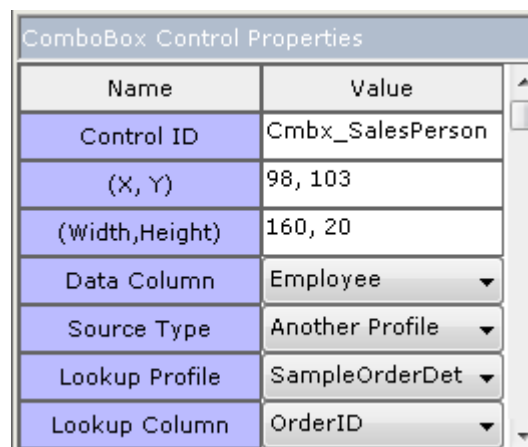
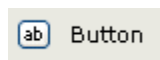


Figure 21: Combo Box Control Properties with Source Type: Another Profile

1.3.6 Button

You use a command button on a form to start an action or a set of actions. For example, you can create a command button that opens another form. You can create over 10 different types of command buttons.

Use following procedure to create a Button.



1. Click the Button tool in the Tool Box.
2. On the form, click where you want to place the Button.
3. In Button Control Properties, Select the Actions as per your requirement.

Following section will explain Action supported by Button.

1.3.6.1 FIRST

Set this Action to Move to First record.

1.3.6.2 PREVIOUS

Set this Action to Move to Previous record.

1.3.6.3 NEXT

Set this Action to Move to Next record.

1.3.6.4 LAST

Set this Action to Move to Last record.

1.3.6.5 NEW

Set this Action to create new record.

1.3.6.6 EDIT

Set this Action to edit a record.

1.3.6.7 DELETE

Set this Action to delete a record.

1.3.6.8 FIND

Set this Action to implement Find a record functionality.

1.3.6.9 GO TO FORM

Set this Action to open another form.

To use this feature, form on which you want to jump should be ready first.

Now while designing the form, from which you have to jump on another form, follow the following steps.

1. Drag “ Button” control  on the Android device canvas area.
2. Now in right side, Button control properties, select the Action “ Go to Form” .

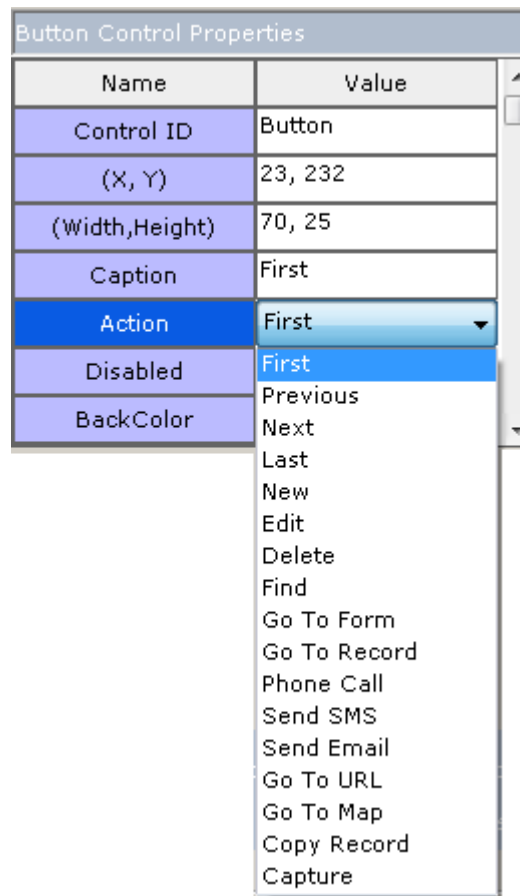
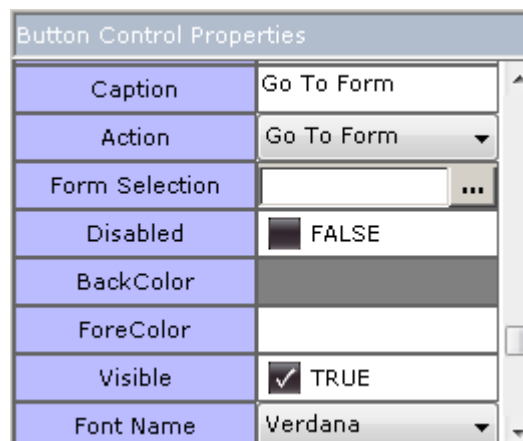


Figure 22: Jump to Form

3. Now select the form on which you want to jump.



After clicking  button, you will get following dialog.

Select Form: Here select the Form on which you have to jump (Destination form).

Destination Field:

Destination Field is the field on which data will be search in the destination form and import data for that record and displayed in destination form.

1.3.6.10 GO TO RECORD

Set this Action to implement Go To Record functionality. When user will click on this Button, he will get a dialog on Android device, which will ask record number where user wants to jump.

1.3.6.11 SEND EMAIL

You need to map data column in “ Button Control Property” , On device side, Tapping on this button will open Email application and Value from mapped data column will be appeared in “ To” of Email application.

1.3.6.12 GO TO URL

You need to map data column in “ Button Control Property” . On device side, Tapping on this button will open the URL from mapped data column in Browser of the device.

1.3.6.13 Phone Call

Set this Action to make a phone call for Particular Phone call data. Map “ Data Column” property to your data column which have phone numbers data and on device, tapping on this button will make a phone call for respective data.

1.3.6.14 Send sms

You need to map data column in “ Button Control Property” , On device side, Tapping on this button will open SMS application and Value from mapped data column will be appeared in “ To” of SMS application.

1.3.6.15 GO TO MAP

You need to map data column to “ Latitude_field” and “ Longitude_field” in “ Button Control Property” , Tapping on this button will open Google Map and show the location of respective data in

Google Map.

Button Control Properties	
Name	Value
Control ID	Button
(X, Y)	335, 1134
(Width,Height)	70, 25
Caption	Go To Map
Action	Go To Map
Latitude_Field	'None'
Longitude_Field	'None'

1.3.6.16 Copy Record

If you want to copy particular record and get data of that record as a new record, Set Action “ Copy Record” in Button Control Property. On tapping on this button on form, New record will be created with the data and “ Copy Record” button will be change to “ Save” button. Update the record where you want and use “ Save” button to save the record.

1.3.6.17 Capture

Software will open the Email application and attach the viewable form screen in .PDF format.

1.3.7 Date Time

Date Time Control will allow user to create “ Date & Time” , Date or Time control on form.

Just drag  Date Time control on form and set Format property in DateTime Control Properties according to your requirement. Format Property will allow to select Date & Time” , Date or Time.

DateTime Control Properties	
Name	Value
Control ID	DateTime_Order
(X, Y)	63, 141
(Width,Height)	78, 25
Data Column	OrderDate
Format	Date
Read Only	☐ FALSE
Def Val_Type	Now

Figure 23: Date Time

Def Val_Type (Default Value Type): Allow to set default value from one of the following options

- Now : Use this option to get current Date/Time on Adding new record.

- b) Exact : Use this option if you want to set fixed Hard coded value to Date control.
- c) TimeStamp: Use this option if you want to set Timestamp (Tracking last change timestamp for record) for each New/Edit record.

1.3.8 Radio Button

You can use Radio Button on a form to display a limited set of alternatives. Radio Button makes selecting a value easy because you can just click the value that you want. Only one option in radio group can be selected at a time.

Use following procedure to create a Radio Button.

1. Click the RadioButton tool  RadioButton in the Tool Box.
2. On the form, click where you want to place the RadioButton.
3. In RadioButton Control Properties, First Select RadioGroup and map data column to this Group.

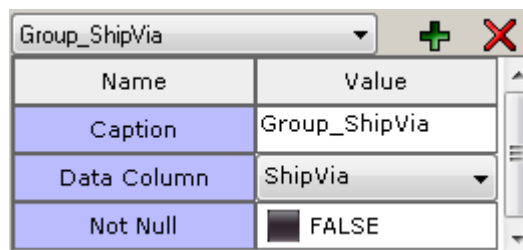


Figure 24: Radio Button

Use  button to create various Radio Group and map data column to them. Use  button to delete the Group. For one Radio group you can assign number of radio button.

After assigning Data Column to Radio Group, set caption to Radio button.

In RadioButton Control Properties, for Selected Property, Set it True if you want to set selected radio button as a default selected.

In Group Property, select the group in which you have to keep this radio button.

Drag number of radio buttons on form as per your requirement. **Select proper Group for those radio buttons.**

RadioButton Control Properties	
Name	Value
Control ID	RtBtn_Speedy
(X, Y)	0, 302
(Width,Height)	140, 25
Caption	Speedy Express
Selected	☒ TRUE
Group	Group_ShipVia
Control Color	Red

1.3.9 Formula

You can create formula field in your Android form by dragging



Formula control from

Control Palette.

After putting Formula control on Android device canvas area, Set formula from the right side FormulaField Control Properties. First on this button and you will get Formula Dialog.

FormulaField Control Properties	
(Width,Height)	70, 20
Formula	
Is Data Column	☐ FALSE
Read Only	☐ FALSE
ForeColor	<input type="color"/>
Visible	☒ TRUE
Font Name	Verdana
Font Size	10

click here to create formula for this field

Figure 25: Formula

In Formula field, you can use +, - , *, / , (,) operators in formula along with the function provided in List Control.

Select Form Options to select the field which you want to use in the formula.

Select Functions, to use various conversions and Math functions in your Formula.

Select Operators to select operators like +, -, *, /.

Double click on the Field names, functions or operators you want to use in the formula. Double click or Paste button will write selected function or field name in Formula control.

After writing Formula for Formula field, you can assign column to this formula field. In “ FormulaField Control Properties” , set “ Is Data Column” property to “ TRUE” and then “ Data Column” property will be enabled, here select column of your database for which you have to map this formula field.

Name	Value
Control ID	FormulaField
(X, Y)	57, 451
(Width, Height)	70, 20
Formula	
Is Data Column	☒ TRUE
Data Column	<None>
Read Only	☐ FALSE

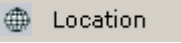
If you want to assign the Formula field to particular column then set it to True.

Select the database column which you want to map to Formula field.

1.3.10 Unbound Image

Drag this control to map the images which you have on device. Change the size of it as per your requirement. On device, please tap twice to select the image from picture library. Please note that, this control will not transfer images from desktop.

1.3.11 Location

Drag this control  to get the Longitude/Latitude of the user. This values can help user to find the location of the device. User needs to tap on this control on the form on his device to get Longitude/Latitude of the current location. Set Location_Field property to Latitude or Longitude or Latitude/Longitude as per requirement. Also map Data Column property to your database field so location values will be stored in that column when user will save the record.

Location Control Properties	
(X, Y)	42, 129
(Width,Height)	70, 20
Data Column	`None`
Read Only	☐ FALSE
Location_Field	Latitude
ForeColor	Latitude
Visible	Latitude/Longitude
Font Name	Verdana

Figure 26: Location Control (Longitude/Latitude)

1.3.12 Grid

To view Multiple Records on the form, user can use this control. Drag  Grid control on form to view multiple records.

You can use this control on Main Form as well as on Sub form.

1.3.12.1 Grid On Main Form

User can view multiple records on main form instead of single record and traverse through multiple records fast. Also user can put subform below the Grid control and view details of records (Which can be from other database table)when user will tap on particular record on Grid control.

1. Drag a Grid Control  Grid on subform and resize it as per your requirement.

2. Set “ Column Settings” by clicking on 

button in Grid Control Properties. You will get following type of dialog to select the columns for DataSheet View (Grid Control). Select the fields which you want on Grid Control. **Fields will be displayed in grid as per sequence of selection of fields.**

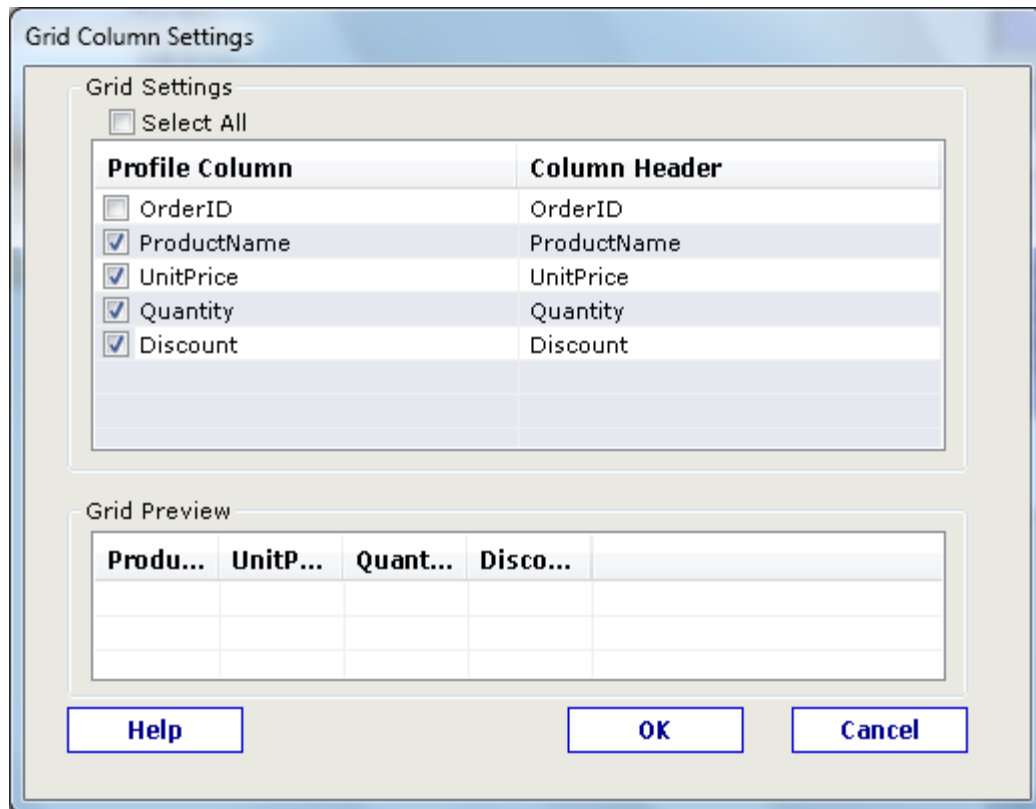


Figure 27: Grid Control Field Selection on Main Form Grid

1.3.12.2 Grid on Subform:

You can add Grid control on Subform also. Multiple records related to main form data can be view on Grid.

1. Drag a Grid Control  Grid on subform and resize it as per your requirement.

2. Set “ Column Settings” by clicking on 

button in Grid Control Properties. You will get following type of dialog to select the columns for Data sheet View (Grid Control). Select the fields which you want on Grid Control. **Fields will be displayed in grid as per sequence of selection of fields.**

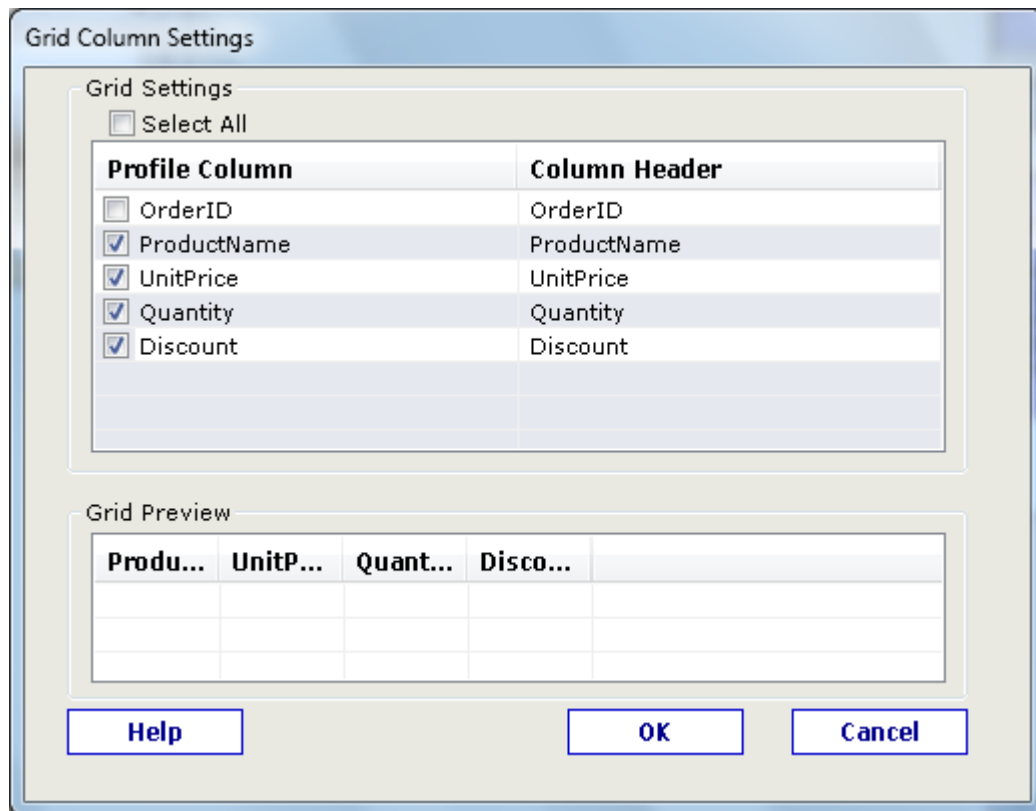
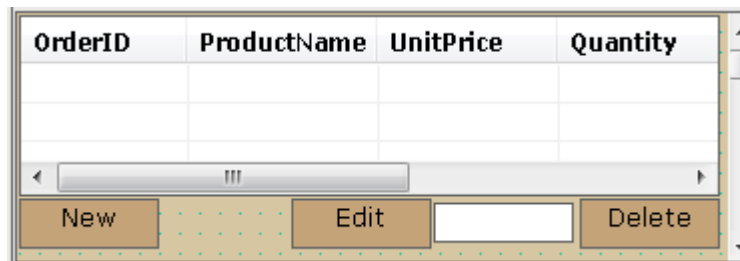


Figure 32 :Grid Control Field Selection

3. Click on Ok button to finalize the Grid Control.
4. You can use buttons and Formula control on subform with Grid Control.



5. When you will use New button, software will check if you have used all fields of subform profile in Grid or not. If do not use all the fields in Grid view then, when you will use “ Apply” button to finalize the main Form, Software will ask to enter the default value for the fields which are not mapped to any control on main form as well as on Subform. Double click for particular column under “ Default Value” to enter default value for that column when you will add new record. This default value will be saved in your original database when you will add record from device.

Field Default Values

Name	Datatype	Default Value
LastName	SQL_VARCHAR	
FirstName	SQL_VARCHAR	
Title	SQL_VARCHAR	
TitleOfCourtesy	SQL_VARCHAR	
BirthDate	SQL_TIMESTAMP	
HireDate	SQL_TIMESTAMP	
Address	SQL_VARCHAR	
City	SOL_VARCHAR	

Help OK Cancel

1.3.13 Add Page

Use  Add Page to add new page on one form.

1.3.14 Delete Page

Use this  Delete Page to delete selected page.

1.3.15 Delete

 Delete will delete the selected control from the form. You can delete controls on form by using “Delete” button of your keyboard.

1.3.16 SubForm

A subform is a form that is inserted in another form. The primary form is called the main form (main form: A form that contains one or more subforms.), and the form within the form is called the subform. A form/subform combination is often referred to as a hierarchical form, a master/detail form, or a parent/child form.

Subforms are especially effective when you want to show data from tables or queries (query: A question about the data stored in your tables, or a request to perform an action on the data. A query can bring

together data from multiple tables to serve as the source of data for a form or report) with a one- to- many relationship (one- to- many relationship: An association between two tables in which the primary key value of each record in the primary table corresponds to the value in the matching field or fields of many records in the related table.). For example, you could create a form with a subform to show data from a Categories table and a Products table. The data in the Categories table is the "one" side of the relationship. The data in the Products table is the "many" side of the relationship — each category can have more than one product.

The main form shows data from the "one" side of the relationship.

The subform shows data from the "many" side of the relationship.

The main form and subform in this type of form are linked so that the subform displays only records that are related to the current record in the main form. For example, when the main form displays the Beverages category, the subform displays only the products in the Beverages category.

When you create a subform, you can design it to be displayed in Datasheet view(Grid View) or Form view.

1.3.16.1 Create SubForm

Create SubForm on main Form by dragging  Sub Form control on main form. When you will drag a subform control, you will get a following dialog. Here select another profile, which will relation data of main form profile.

Example: Main Form is designed on “ Orders” profile then subform can be designed on “ Order Details” table. Each Order can have more than one product.

Sub Form : Database Profile Selection

Use this wizard to create sub Form on main Form.

Select Profile for Sub Form

Profile Name	Desktop Databa...	SQL Query
'None'	'None'	'None'
SampleOrders	C:\Program Files\Celli...	Select 'OrderID', 'Cust...
SampleOrderDetails	C:\Program Files\Celli...	Select 'OrderID', 'Prod...
Employees	F:\TEST Database\D...	Select 'EmployeeID', '...

Help Next Cancel

Figure 28: Profile selection for Subform

After selection of profile for Subform, create relation between main form and sub form by selecting fields from main form profile and fields from subform profile. **You can create relations between forms and subform by mapping upto 4 fields between both forms.**

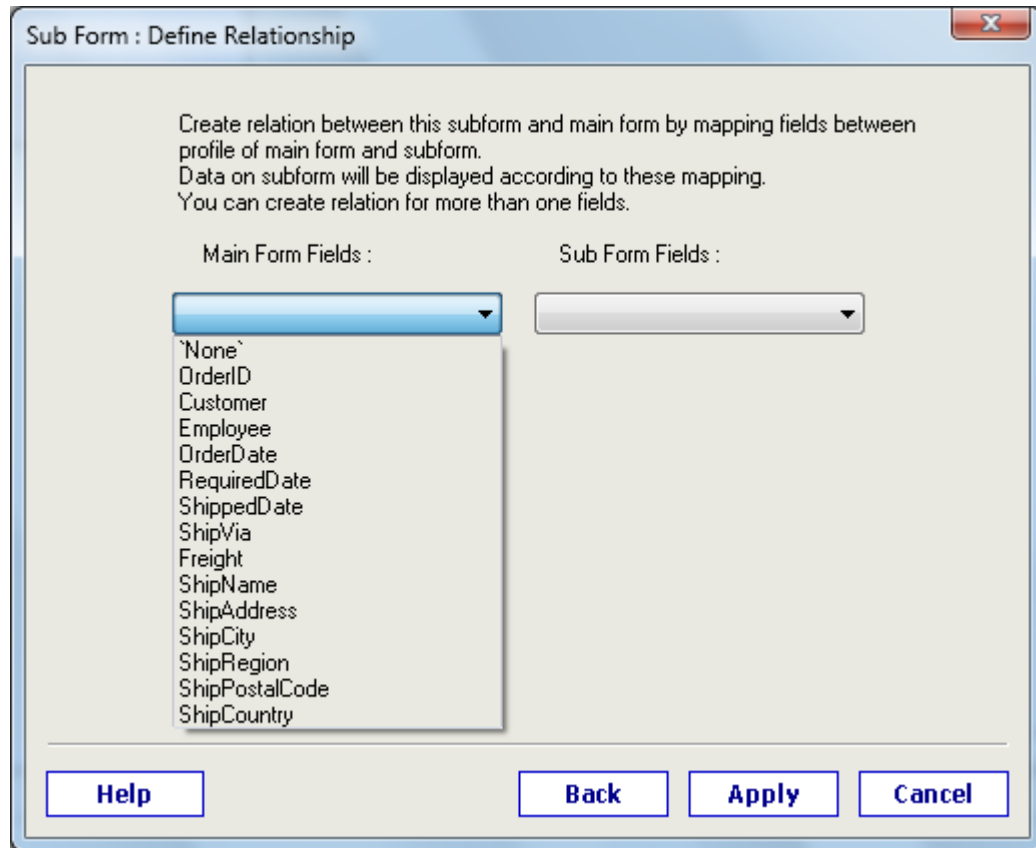
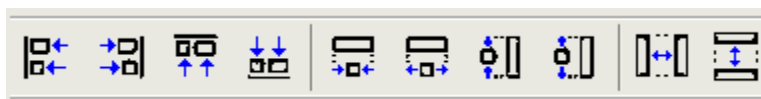


Figure 29: Create relation between Main form and subform

After mapping relational fields, click on “ Apply” button to finish subform creation process.
Now resize the subform as per your requirement.

1.3.17 Quick designing tips for Form

2.2.6.1 Align controls to each other



On the top of the Form designer window, there is toolbar for Alignment of form controls.

1.Select the controls (controls: such as a Label, text box, check box or command button, that lets users control the program.) that you want to align,

On Main Form :

Hold CTRL Key & Select Controls one by one. OR Drag a rectangle over the controls to select the Controls.

On Sub Form :

Hold CTRL Key & Select Controls one by one.

2. On the Toolbar, click one of the following Toolbar buttons:



Left: Aligns the left edges of the controls with the left edge of the leftmost control.



Right : Aligns the right edges of the controls with the right edge of the rightmost control.



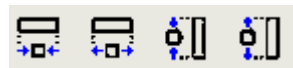
Top : Aligns the top edges of the controls with the top edge of the highest control.



Bottom: Aligns the bottom edges of the controls with the bottom edge of the lowest control

Bottom. Aligns the bottom edges of the controls with the bottom edge of the lowest control.

1.3.17.1 Resize controls uniformly relative to each other on a form



On the top of the Form designer window, there is toolbar for Alignment of form controls.

1. Select the controls (controls: such as a Label, text box, check box or command button, that lets users control the program.) that you want to align,

On Main Form :

Hold CTRL Key & Select Controls one by one. OR Drag a rectangle over the controls to select the Controls.

On Sub Form :

Hold CTRL Key & Select Controls one by one .

2. On the Toolbar, click one of the following Toolbar buttons:



Tallest Makes the controls as tall as the tallest selected control.



Shortest Makes the controls as short as the shortest selected control.



Widest Makes the controls as wide as the widest selected control.



Narrowest Makes the controls as narrow as the narrowest selected control.

Also you can use Shift and Arrow keys to change the size of any control.

1.3.17.2 Move multiple controls

1. Select the controls (controls: such as a Label, text box, check box or command button, that lets

users control the program.) that you want to align,

On Main Form :

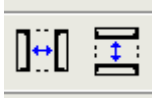
a. Hold CTRL Key & Select Controls one by one. OR Drag a rectangle over the controls to select the Controls.

On Sub Form :

b. Hold CTRL Key & Select Controls one by one.

2. Now use Arrow keys to move the multiple controls on the form. Or Hold SHIFT Key and Drag Selected Controls.

1.3.17.3 Manage spacing between controls uniformly relative to each other on a form



On the top of the Form designer window, there is toolbar for managing spacing between controls on form.



Horizontal Spacing: Makes selected controls placed with even spacing between them horizontally.



Vertical Spacing: Makes selected controls placed with even spacing between them vertically.

1.3.17.4 Copy/Paste controls on form



On the top of the Form designer window, there is toolbar for Copy/Paste controls on form.

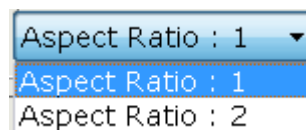


Copy: Copy one or more selected controls on clipboard. Copied controls can be paste on same form on same or different tabs.



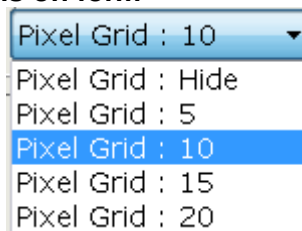
Paste: Use this option to paste copied controls on form.

1.3.17.5 Aspect Ratio



Cellica Database allows you to design form in two aspect ratios, 1:1 (Aspect Ratio 1) and 1:2 (Aspect Ratio 2).

1.3.17.6 Manage spacing between pixels on form



Pixel grid is showed on form designer canvas for better alignment of controls. Default spacing between pixels is 10, You can change it according to your requirement.

1.3.18 Import/Export Form Design

Export Form Design

User can export the form design as a backup or to design the similar form for new profile. On form design page, Use  Toolbar button to export the form. This will export the form design, not mapping of your database column with the form controls.

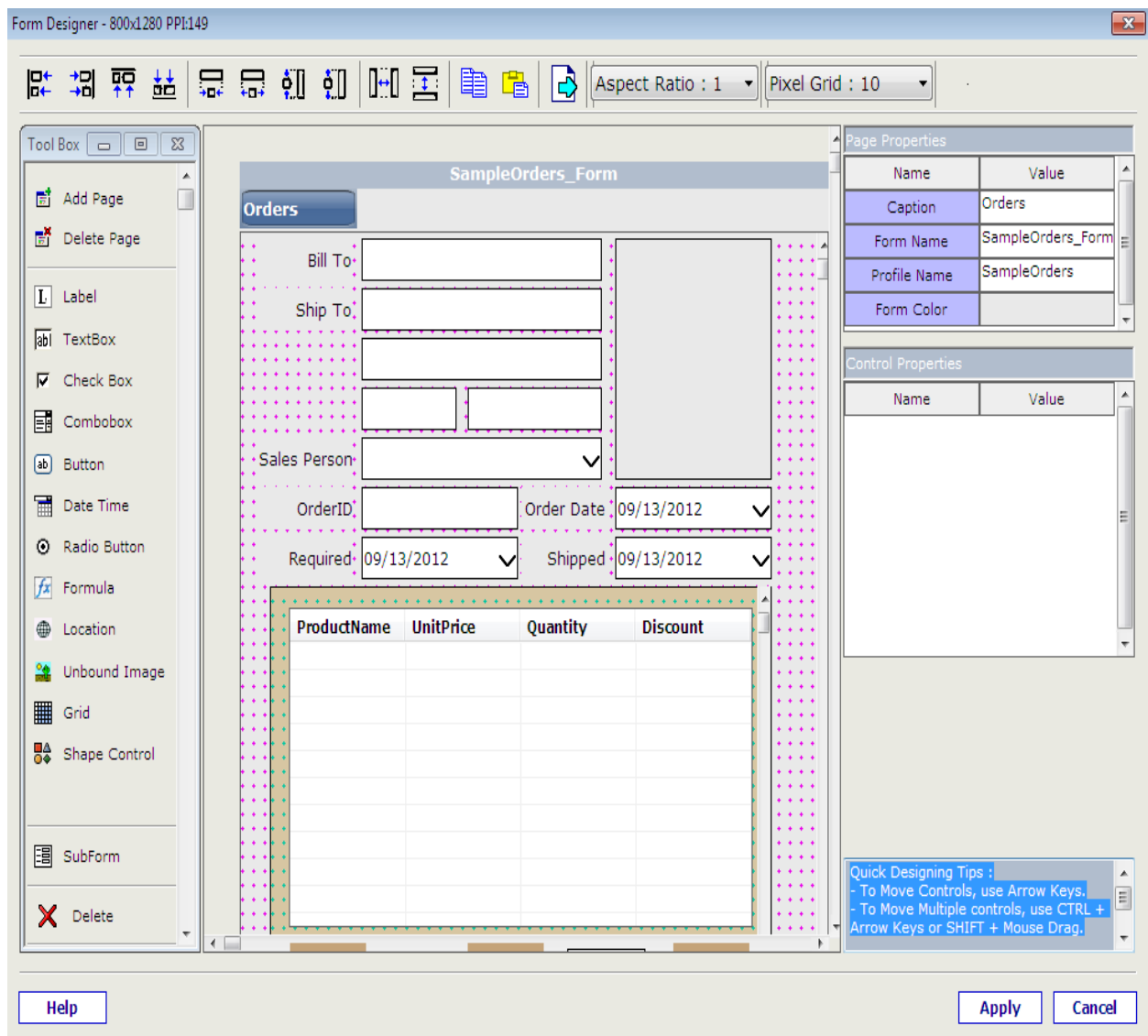
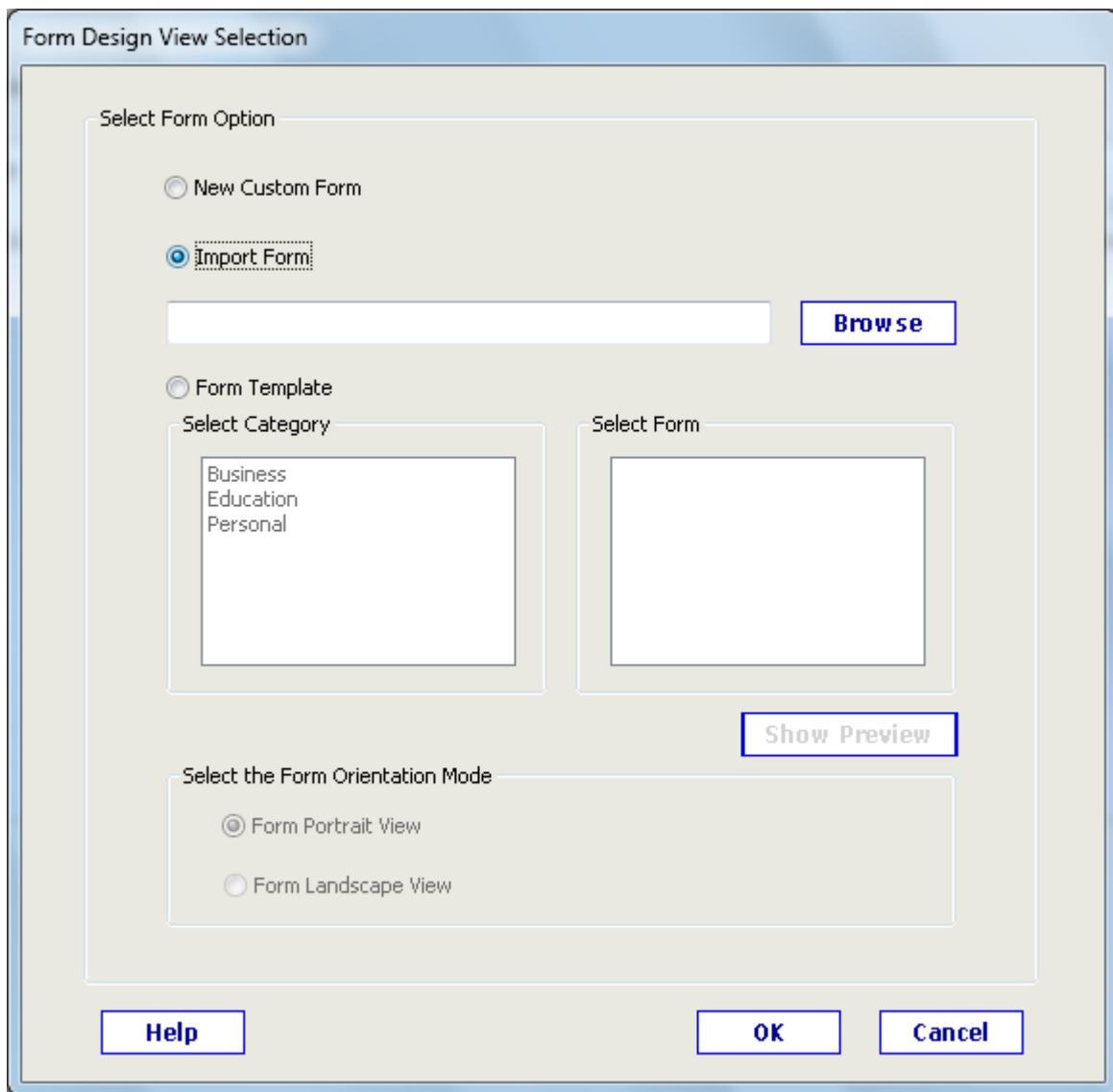


Figure 30: Export Form design

1.3.18.1 Import Form design

When you will design new form by using “ Add Form” button, you will get profile selection dialog for this form.

After selection profile, you will get following dialog. Here select the “ Import Form” option and use “ Browse” button to select the already designed form design. Select the form design which is already exported. Form design must be exported from Cellica Database and with .fm extension.



The dialog box is titled "Form Design View Selection". It contains the following elements:

- Select Form Option:** A group box containing two radio buttons: "New Custom Form" and "Import Form". The "Import Form" option is selected.
- Import Form Section:** A text input field is located below the "Import Form" radio button. To its right is a "Browse" button.
- Form Template Section:** A group box containing two sub-sections:
 - Select Category:** A list box with three items: "Business", "Education", and "Personal".
 - Select Form:** An empty list box.
- Show Preview:** A button located below the "Select Form" list box.
- Select the Form Orientation Mode:** A group box containing two radio buttons: "Form Portrait View" (selected) and "Form Landscape View".
- Buttons:** At the bottom of the dialog are three buttons: "Help", "OK", and "Cancel".

Figure 31: Import form design

1.4 Preferences



Figure 32: Preferences available on Desktop side Cellica Database

1.4.1 Set Password

Protect the desktop side application by setting the password.

1.4.2 Start Synchronization/Stop Synchronization

Use this button to start and stop the synchronizing database between Personal computer and Android device.

1.4.3 Synchronization Settings

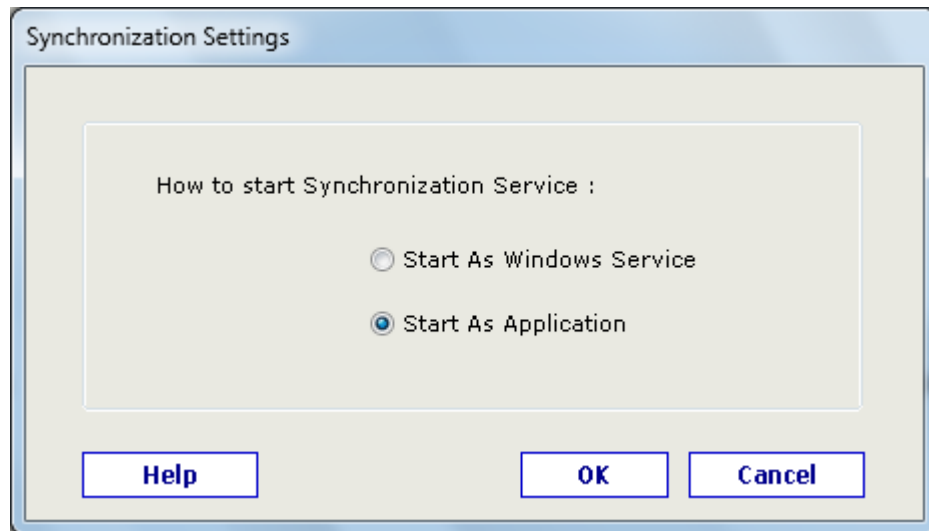


Figure 33: Synchronization Settings

There are two options available to start Synchronization application (Background).

As application: As in Windows Service Mode, it's not running in any user's context, it can't access specific user's data/resources (which are specific to user account) e.g. User DSN, Network Mapped drive, network resources etc. To avoid such type of problem related to Windows Services, use " Start As Application" option.

As Windows Service: It starts without any user logged in. It does not run in any specific user's login account.

1.4.4 Connection Settings

If your PC having Internet connection using proxy and want to change the proxy settings then use this option.

1.4.5 Reset

This will reset the profiles and Forms data. This will clean data from your device and resend data from desktop to device.

1.4.6 Change Device Resolution/PPI Settings

This is important factor for Form designing. Form size is depend on resolution and PPI of each

device. To get form in proper scale, Resolution and PPI must be properly selected. If you select wrong device while installation, you can change it later from this option. Here select proper device model or select resolution of your device. If your device is not listed in the list then you can use “ Select Resolution” option and select the resolution of your device. “ Select Resolution

option shows combination of resolution size and PPI(DPI).

Note: If you would have created forms already and later change the device or resolution, earlier created forms will not be properly displayed on device. Please remove those forms and recreate them. Your changed device or resolution will be work for the new forms only.

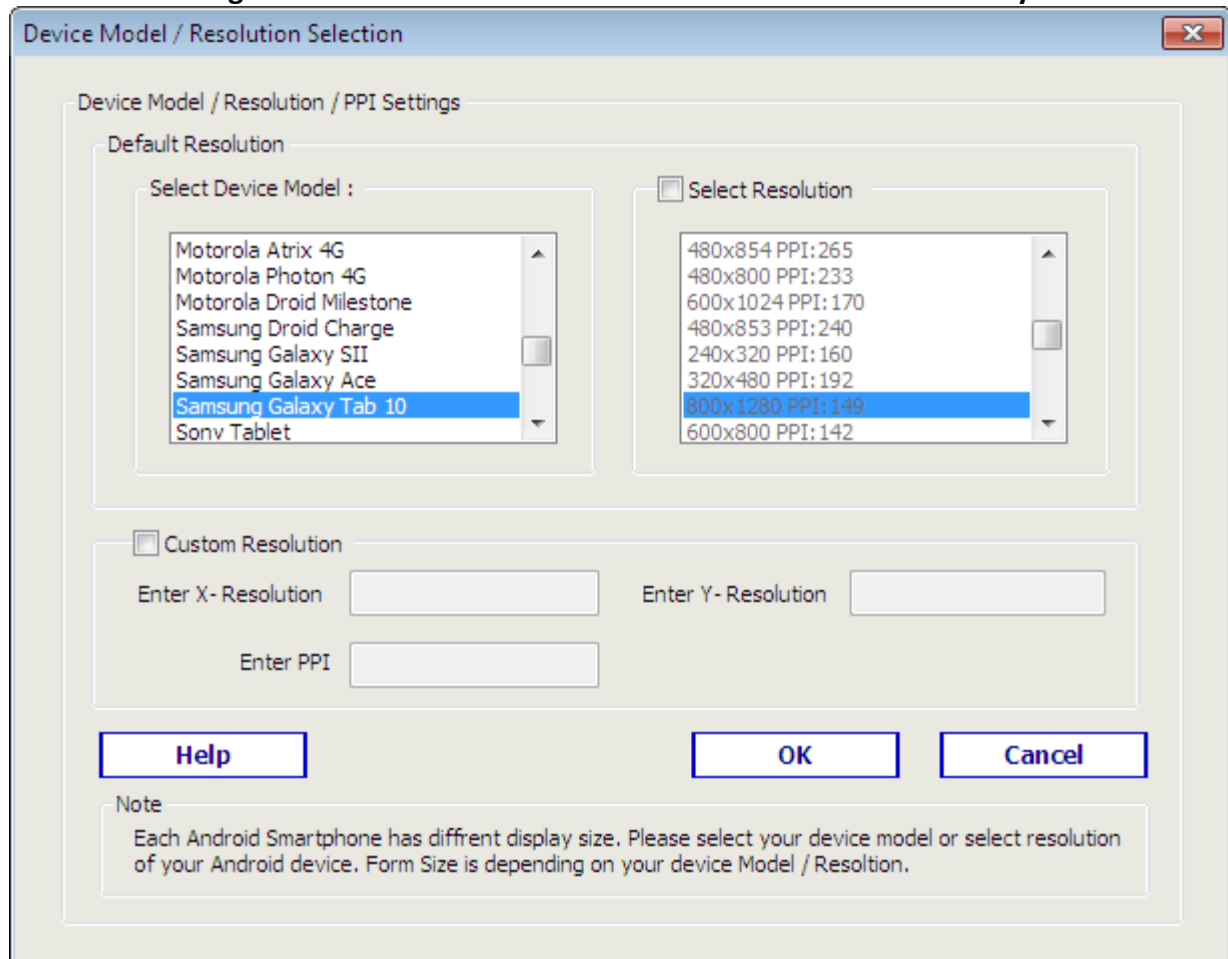
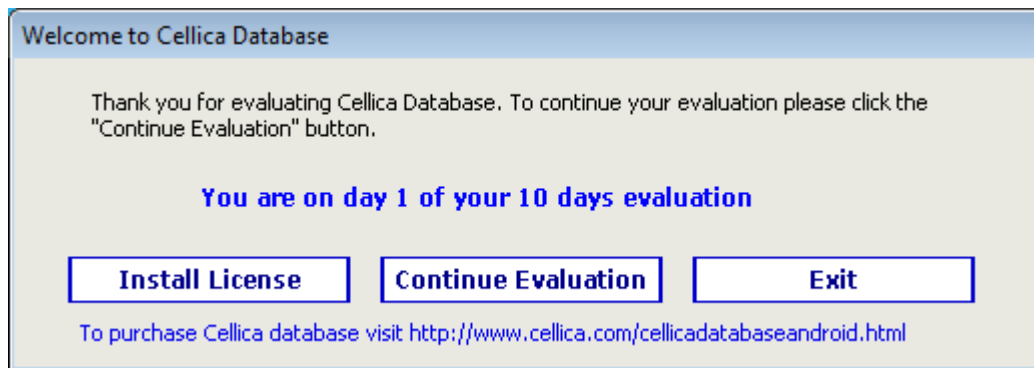


Figure 34: Change Android device resolution and DPI

1.5 How to register the software?

When you will open Cellica Database software on your PC, you will get following type of dialog. Use “ Continue Evaluation” button to use the software in evaluation mode. Use “ Install License” button to register the software.



After purchasing the software, please send IMEI/MEID/MAC ADDRESS of your Android to support@cellica.com. Support will send you license key, use it in the registration dialog which appears at the startup of Cellica Database Desktop software.

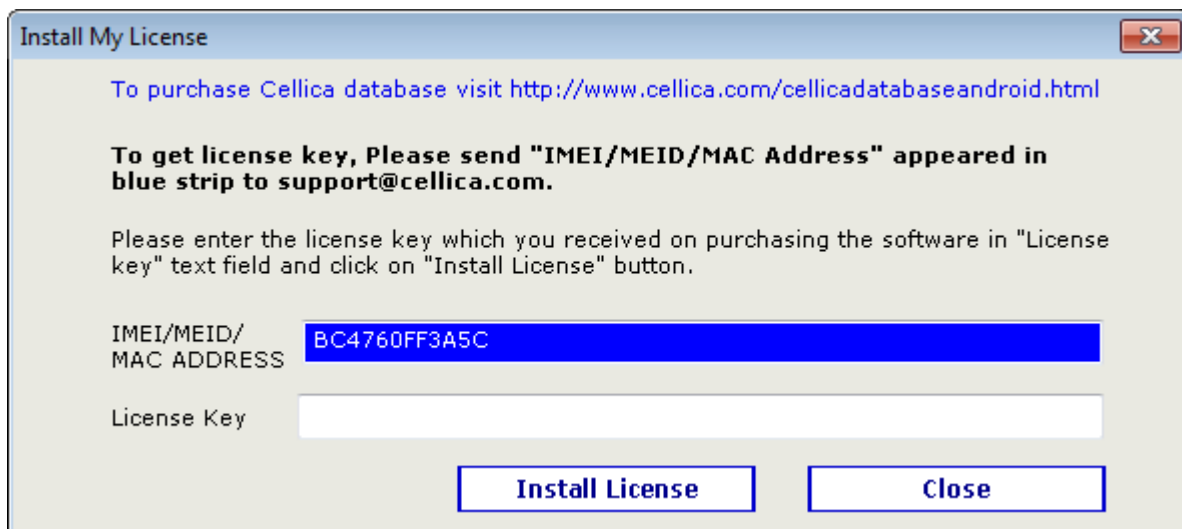


Figure 35: Software Registration

You can get registration dialog from the Preferences module also. In Preferences module(in desktop side Cellica Database), there is " Register" button, click on it to open registration dialog.

2 USING THE CELLICA DATABASE ON THE ANDROID DEVICE



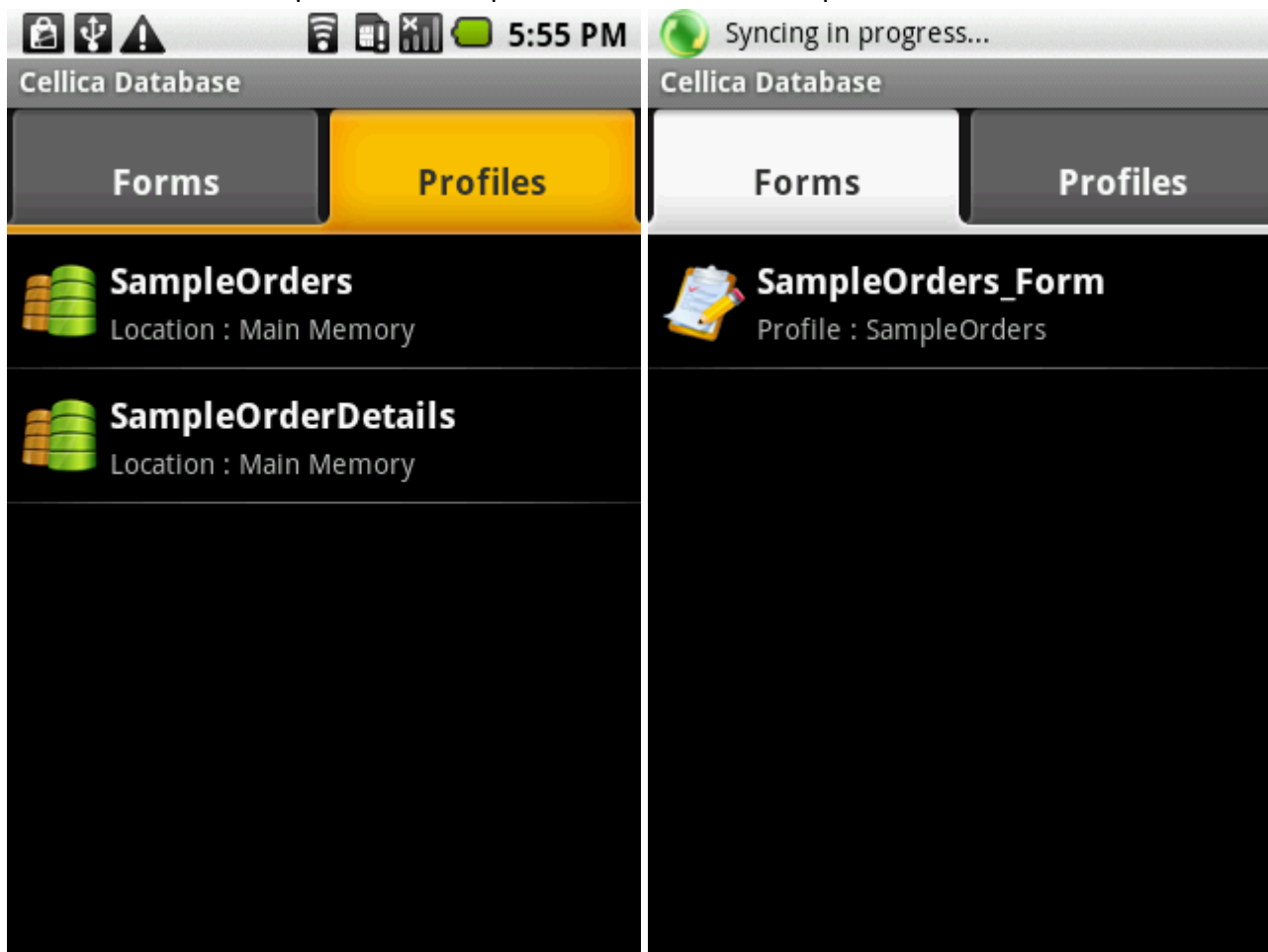
Run the “ Cellica Database” application on Android Phone/Tablet by tapping on

2.1 Forms and Profile List on Android Device

When you will open the software now on Android device, You will get Sample Form listed there.
Default screen of Cellica Database software shows both Profiles and Forms.



Once you finished profile and Forms creation on desktop side, Use Sync menu on home screen to import forms and profiles created on desktop.



2.2 Forms on Android Phone.

To import forms from your PC, On home screen of Cellica

Database software on Android device, Please use Sync menu. This will import profiles as well as your Forms.

2.2.1 Form View

When you will open any form, it will show following type of form. Here we have shown Sample form.

The image displays two screenshots of the 'SampleOrders_Form' application on an Android phone. Both screenshots show the status bar at the top with '3G', signal strength, battery, and the time '11:20 AM'.

Left Screenshot (Orders Tab):

- Header: 'SampleOrders_Form [1/830]' with tabs 'Orders', 'Details', and 'Contact'.
- Fields: 'Bill To' (VINET), 'Ship To' (Vins et alcools Chevalier, 59 rue de l'Abbaye, Reims, France), 'OrderID' (10248), and 'Order Date' (1994-08-04).
- Buttons: 'First', 'Prev', 'Next', 'Last' at the bottom.

Right Screenshot (Details Tab):

- Header: 'SampleOrders_Form [1/830]' with tabs 'Orders', 'Details', and 'Contact'.
- Fields: 'Required' (1994-09-01) and 'Shipped' (1994-08-16).
- Table:

Produ...	UnitP...	Quan...	Disco...
Queso C	14	12	0
Singa...	9.8	10	0
Mozz...	34.8	5	0

- Buttons: Navigation arrows (back, forward, etc.) and 'New', 'Edit', 'Delete' buttons.
- Summary: 'SubTotal' (440.0) and 'Freight' (32.38).

2.2.2 Edit Record in Form

When ever you will click Edit button to update the record on your Form, Edit button



will convert in to save button



. Update your record and use Save button to save the changes.

Form will ask confirmation for saving updated record. Use “ Yes” button to save the changes. Use “ Cancel” button to ignore the changes.

3G 11:33 AM

SampleOrders_Form [1/830]

Orders Details Contact

Bill To VINET

Ship To Vins et alcools Chevalier

59 rue de l'Abbaye

Reims France

OrderID 10248

Order Date 1994-08-04

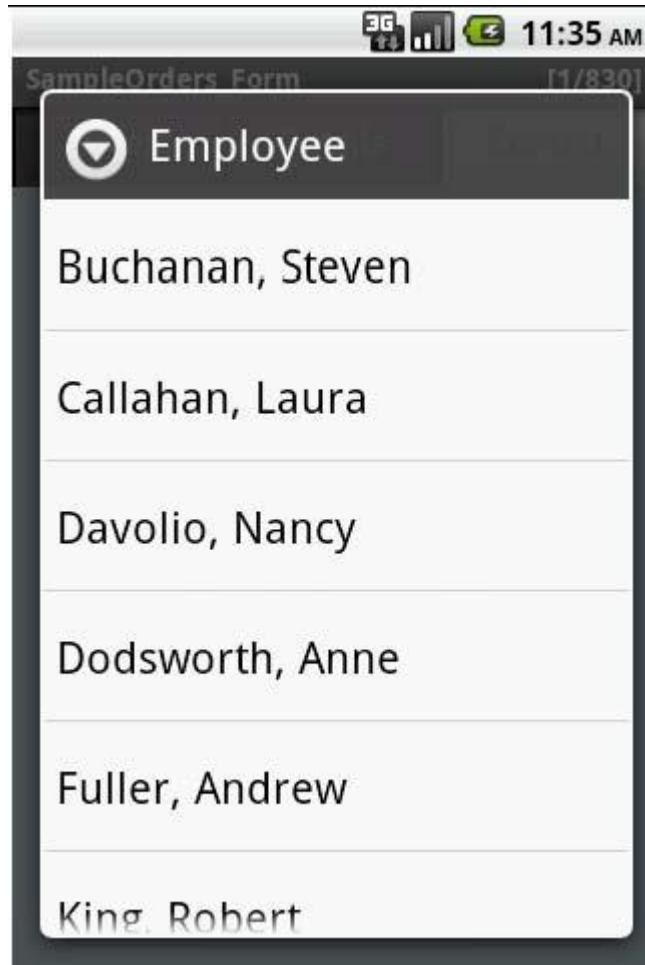
First Prev Next Last

New Save Del Find

Figure 36: Edit record on Form

2.2.3 ComboBox (Lookup) in Form on Android phone/Tablet

Combo box will be enabled only when user will Add or Edit the record on Form.



2.2.4 Date/Time control in Form on Android Phone or Tablet



2.2.5 Find Button in Form on Android phone/Tablet

When user will use “ Find” button in Android side Form, software will show the result with number of records found.

SampleOrders_Form [1/162]

Orders Details Contact

Bill To WELLI

Ship To Wellington

Rua do Mercado, 12

Resende Brazil

OrderID 10256

Date 08-15-1994

First Prev Next Last

Edit Delete

2.2.6 Add/Edit/Delete data on sub form

To update the data on subform (If you are using Grid control on subform), you must put New/Edit/Delete Button control on subform.

SampleOrders Form [1/830]

Edit Record

ProductName
Queso Cabrales

UnitPrice
14

Quantity
12

Discount
0.0000

Save Cancel

2.2.7 Picture Control on Android phone/Tablet

Picture control is use to map the particular picture with respective record. User can map the picture available in “ Saved Photos” or “ Photo Library” on Android phone/Tablet. Tap twice on “ picture control” available on form to select the picture you want.



2.2.8 Send record data as a .png image

You can send particular record data on form in image format by Email. Select Menu button on device, you will get “ Capture” menu. Software will open the Email application and attach the form screen in .png format.

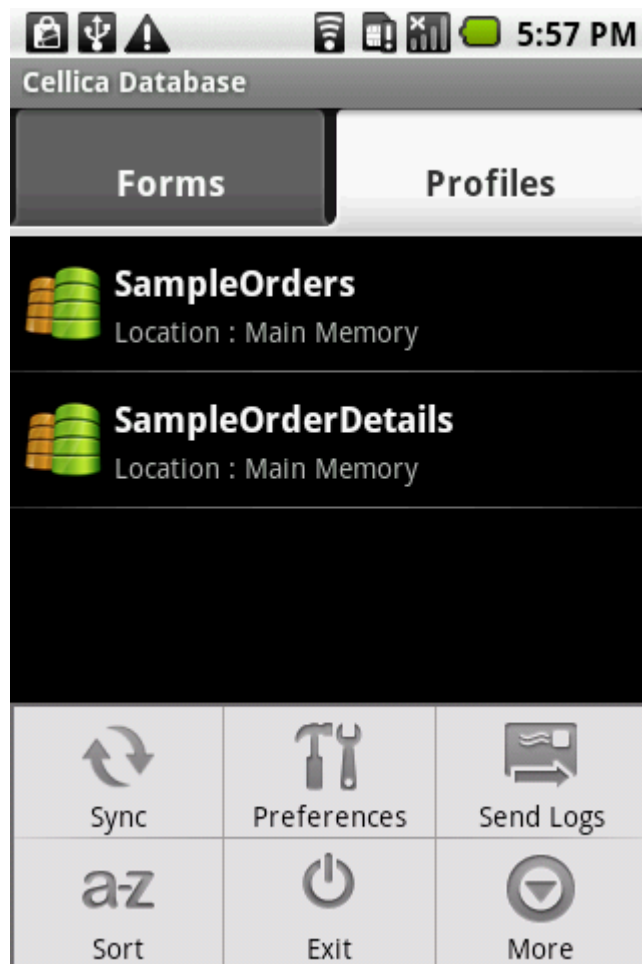


2.3 Profile List on Android Phone/Tablet

Once you finished profile creation on desktop side, use Sync menu in Cellica Database software on Android Phone/Tablet to start synchronization.

Once profile is synchronized, it will look like as follows. Tap once to open selected database.

2.3.1 Menu on Profile List



Sync	To synchronize with desktop manually. Application can synchronize with desktop database automatically by changing “ Sync menu” to OFF in preferences and setting Sync interval time.
Preferences	To set various preferences such as Default view, Column width, Date Format etc.
SendLog	Use this menu to send log to support team.

2.3.2 Views available on Android Phone/Tablet

Cellica Database software on Android Phone/Tablet allows to view data in two different views.

1. Multiple Record View (Table View)
2. Single Record View

2.3.2.1 Multiple Record View and Single Record View

In Multiple Record View(Grid View), Android Phone/Tablet user will able to view database contents in Column view form.



SampleOrders [1/830]			
OrderID	Customer	Employee	OrderDate
10248	VINET	Buchana...	8-4-1994
10249	TOMSP	Suyama, ...	8-4-1994
10250	HANAR	Peacock, ...	8-4-1994
10251	VICTE	Leverling,...	8-4-1994
10252	SUPRD	Peacock, ...	8-4-1994
10253	HANAR	Leverling,...	8-4-1994
10254	CHOPS	Buchana...	8-4-1994
10255	RICSU	Dodswort...	8-4-1994
10256	WELLI	Leverling,...	8-4-1994

Detail View

Add Record

Edit Record

Delete Record

Find

More



Cellica Database	
SampleOrders 1/830	
OrderID	10248
Customer	VINET
Employee	Buchanan, Steven
OrderDate	8-4-1994
RequiredDate	9-1-1994
ShippedDate	8-16-1994
ShipVia	Federal Shipping
Freight	32.38
ShipName	Vins et alcools Chevalier
ShipAddress	59 rue de l'Abbaye
ShipCity	Reims
ShipRegion	

Figure 37: Multiple Record View and Single Record View

3G 12:04 PM

Cellica Database

SampleOrders 1/830

OrderID	10248
Customer	VINET
Employee	Buchanan, Steven
OrderDate	8-4-1994
RequiredDate	9-1-1994
ShippedDate	8-16-1994
ShipVia	Federal Shipping
Freight	32.38
ShipName	Vins et alcools Chevalier

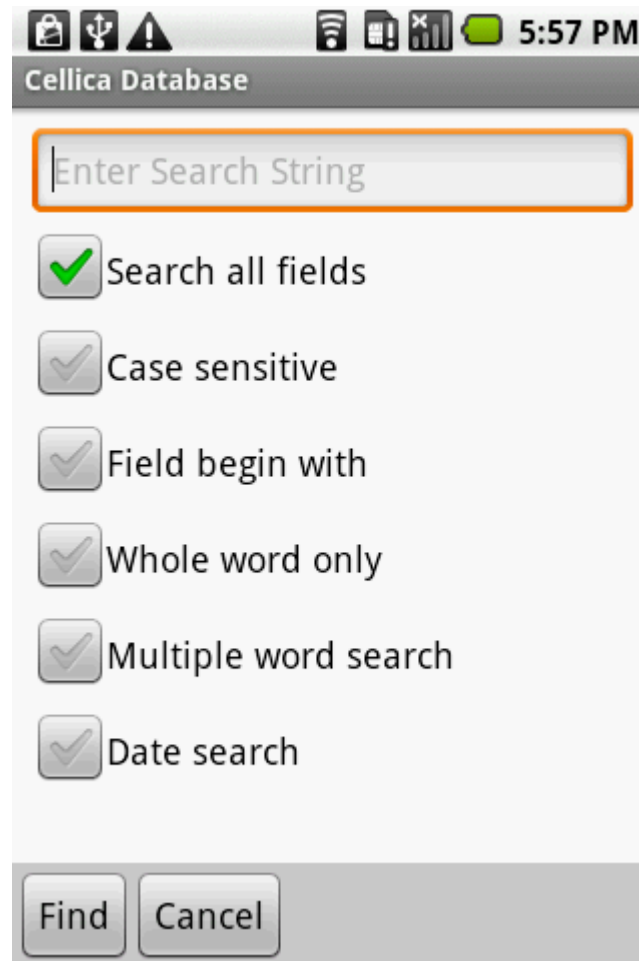
Detail View	Add Record	Edit Record
Delete Record	Find	More

There are various useful menu options on this screen:

Detail View	You can see the full contents of the selected field in the Detail View screen.
AddRecord	To add record in selected database.
EditRecord	To edit selected record.
DeleteRecord	To delete selected record.
Goto	Use this option to go to particular record directly.
Call	Make a Phone/Tablet call for the selected field' s numeric contents, which will be treated as Phone/Tablet number.
View Single Record	Switch from Multi Record View to Single Record View.
Find	Find particular data in your database. This is discussed in the next topic entitled as Search Contents.

2.3.3 Search Contents

To search a particular string within the selected database, you can use "Find" menu options available in both "Multiple Record View" and "Single Record view" .

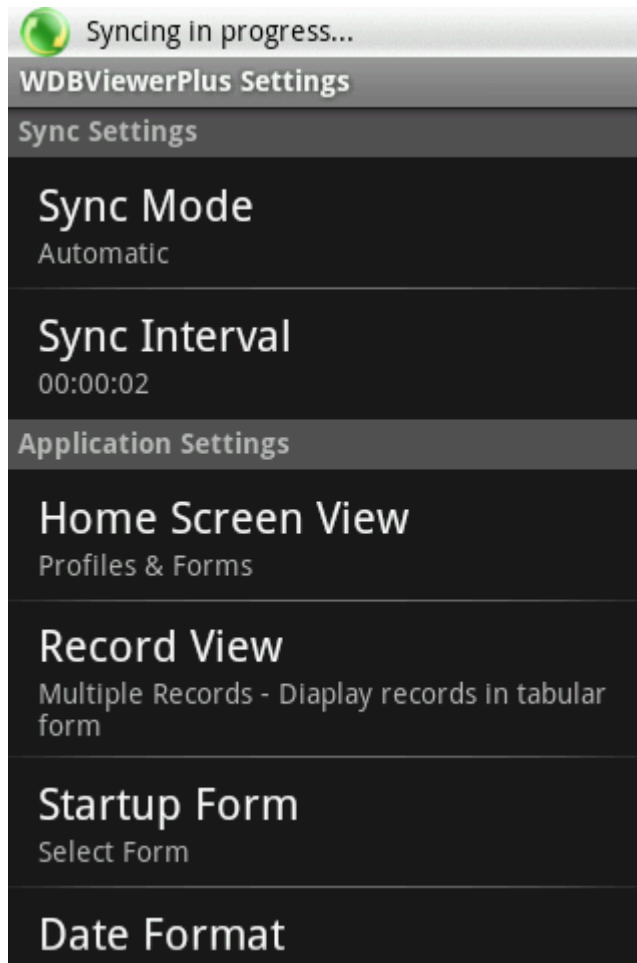


The screenshot shows a mobile application interface for a database search. At the top, there is a status bar with various icons and the time 5:57 PM. Below the status bar is a header labeled "Cellica Database". The main area contains a search input field with the placeholder text "Enter Search String". Below the input field are six checkboxes, all of which are checked: "Search all fields", "Case sensitive", "Field begin with", "Whole word only", "Multiple word search", and "Date search". At the bottom of the interface are two buttons: "Find" and "Cancel".

You can search data in single column also, you need to unchecked “ Search all fields” option on “ Find” form, then select the required field from the available list of fields.

2.3.4 Preferences

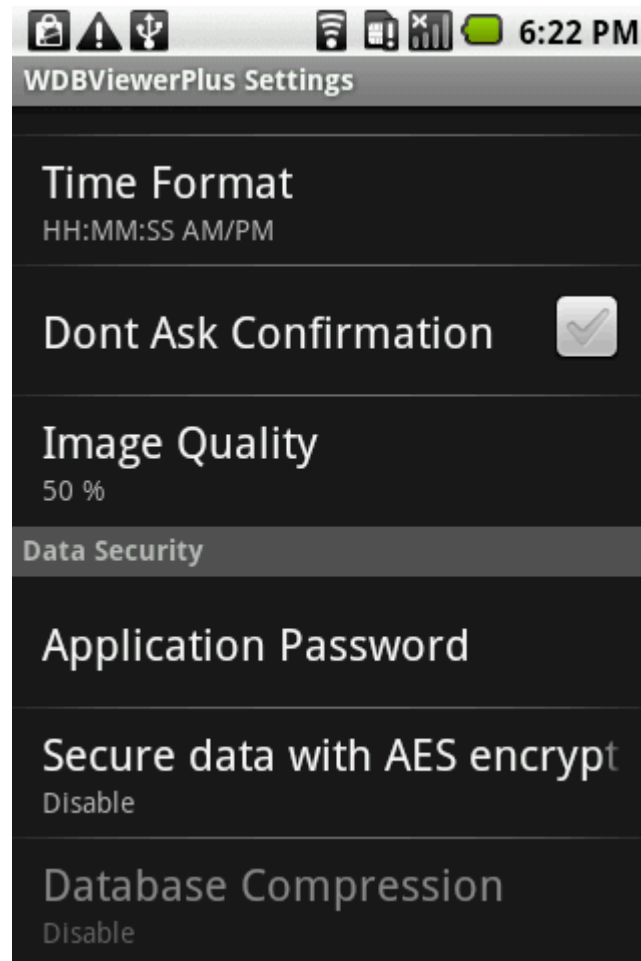
In “ Settings” form you can change Sync Setting and Application Setting. In Sync Settings, user can disable Sync menu and set auto sync time interval by mentioning specific day and time. In Application Settings, user can set Time formats.



Sync Menu	Use this option to enable or disable sync menu. This menu will enable your manual sync option. If this option is set to ON, you will get Sync menu on home screen. If this option is OFF, then Sync menu will not be available on home screen and software will synchronize automatically according to interval set in Sync Interval option.
Sync Interval	This will allow you to set automatic sync interval time. You can set interval for days, hours or minutes. Application will synchronize automatically in background with your PC on the interval, which is set here.
Column Width	Use this menu to set the width of Column in Multiple Column view.
Record View	Use this menu to set default view of database when user will open it. User can view data in Multiple records and in single record.
Date Format	Use this menu to set the date to view as per your requirement.
Time Format	Set time format 12- hours or 24 hours.

2.3.4.1 Data Operation Confirmation

If this option is Set to "ON", application will not ask user confirmation to commit changes after creating New Record or Updating existing one. (Will not show "Do you want to save New/Updated" record"? prompt, will save record directly assuming confirmation)



3 FREQUENTLY ASKED QUESTIONS

Frequently Asked Questions (FAQ) are questions that our customers routinely ask us or email about.

3.1 Does software send complete database every time?

No, software sends only changed records like new/updated/deleted records and not complete database each time.

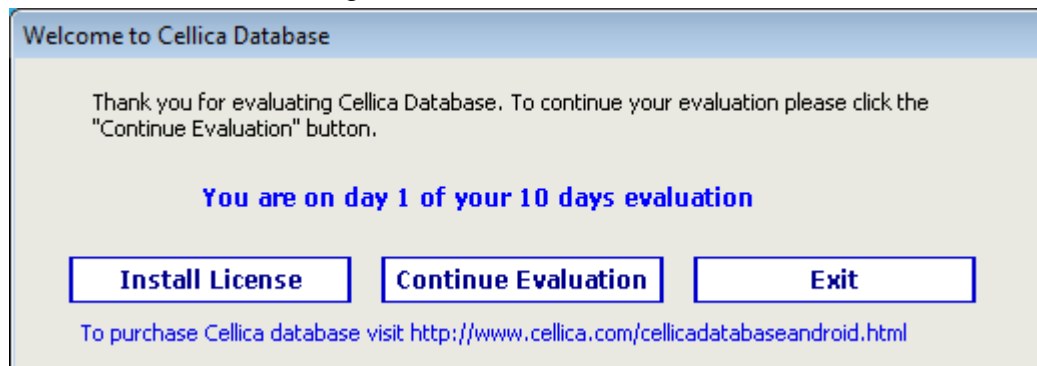
3.2 Is my database secured?

Yes, Data transfer between Android Phone/Tablet and Desktop application is secured as 128 bit AES is used for encryption.

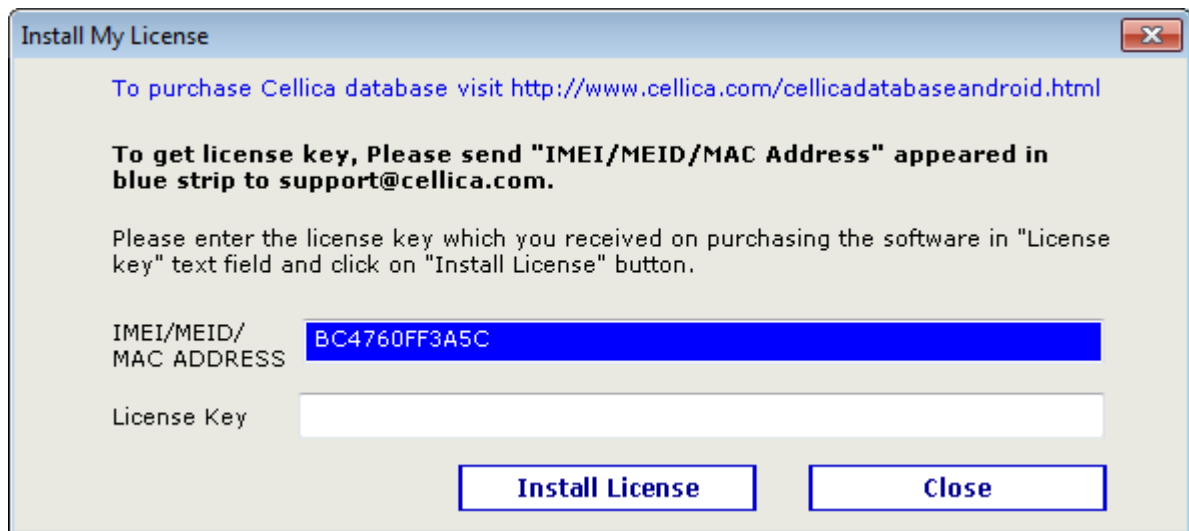
3.3 What is evaluation period of this software?

Software has 10 days evaluation period. After 10 days, desktop software will not synchronize with Android phone/Tablet. When you will open Cellica Database software on your PC, you will get following type of dialog. Use “ Continue Evaluation” button to use the software in evaluation mode.

Use “ Install License” button to register the software.



After purchasing the software, please send IMEI/MEID/MAC ADDRESS of your Android phone/Tablet to support@cellica.com. Support will send you license key, Click on the “ Install License” button and use it in the registration dialog.



You can get registration dialog from the Preferences module also. In Preferences module (in desktop side Cellica Database), there is “ Register” button, click on it to open registration dialog.

3.4 I have to change the PC where I have installed desktop software, can I install the software on new PC ?

Please uninstall desktop software from your old PC first and then only install software on new PC. To change the computer, you must uninstall software from old computer first.

3.5 Does I need to create forms compulsory in desktop software?

No, it is not compulsory. Just create profile (select tables/views/stored procedures) and sync. Make sure that in Preferences of Cellica Database application on Android, “ Preferences of Home Screen” options has set to Both or Profiles.

3.6 How to re-install desktop software after a PC crash?

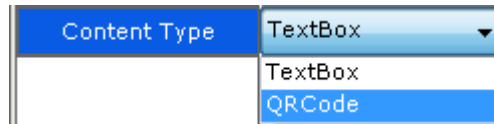
Please send us IMEI/MEID/MAC ADDRESS of your Android Touch to support@cellica.com and write us exact reason what happened with the PC where you had installed desktop software.

3.7 How I can can input/read qrcode/barcode in Cellica Database?

There are two ways to accomplish reading Qrcode/BarCodes

A) Using inbuilt camera to scan QR/BarCode.

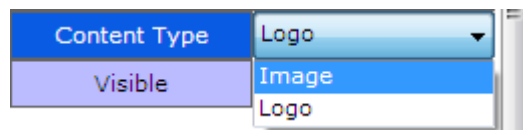
In this case we need to use “ Content Type” property of TextBox on form. Set this property to “ QR Code” .



B) Using external barcode scanner.

In this case, barcode scanner needs to be connected with device using Bluetooth. Tap in text field in New/Edit mode and then scan value using external barcode scanner. It will be put in text field automatically.

3.8 How to use image control for displaying logo?



Drag Unbound image control on form and set “ Content Type” Property to “ Logo” . Now on device you have to choose image for this control only once and same will be displayed for all records.

3.9 How to use FileMaker Pro to create profiles in desktop application?

a) Until version Filemaker Pro 7

You can create profiles using File base connection (Select your Filemaker Pro Database directly while creating Profile using “ Browse” button) and Using DSN base connection (Create DSN of your Filemaker Pro database by using the ODBC driver for Filemaker Pro) on profile connection page.

b) After Version FileMaker Pro 7

Only DSN base connection will work. Create DSN of your Filemaker Pro database by using the ODBC driver for Filmmaker Pro.

3.10 How to use phone call Feature and Send Email Feature on forms?

Use button control on form and then set button action to one of the desired action, “ Send email” or “ Phone call” . Now set the “ Data Column” property to set the destination field of profile whose data you want to use.

3.11 How to select multiple controls on form designer?

On Main form:

- a. Hold CTRL Key & Select Controls one by one.
- b. Drag a rectangle over the controls to select the Controls.

On Sub Form:

- a) Hold CTRL Key & Select Controls one by one.

3.12 How to work with multiple controls in form designer?

Moving multiple controls

- a) Select multiple controls.
- b) Now use Arrow keys to move the multiple controls on the form. Or Hold SHIFT Key and Drag Selected Controls to desired place.

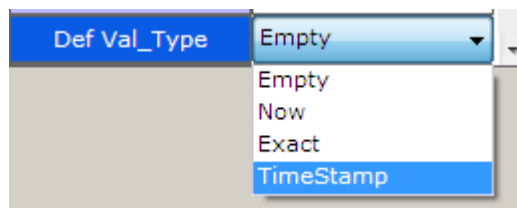
Resizing multiple controls

- a) Select multiple controls.
- b) Use Shift Key + Arrow Keys to resize multiple controls

3.13 I am getting message, Device ID “XXXXXX” already present?

This message appears when installation for same ID is present for single user version or device with this ID is added in Enterprise edition.

3.14 Can I associate record timestamp with database record?



You can do this with Cellica Database. Profile should have column with type DateTime (Timestamp). Drag “ DateTime” control on form, set its Data column property to Timestamp column in which you want to save “ Record Timestamp” . Now set “ Def Val_Type” property of DateTime control to “ Timestamp” . Now when you add or edit record on device side, this field is populated with current timestamp. If you want to do this in background then you can do this by setting “ Visible” property of DateTime Control to “ TRUE.

3.17 How I can backup my form design work/ Forms/ How I can avoid redesigning of forms/ How I can reuse form/ How I can rename form?

There are 2 ways you can save your form designing work

- a) Export multiple forms using “ Export” option available on Form Manager

Click on “ Export” button on Form Manager, you will be presented with list of existing form, select one or more forms from the list, and choose “ Export” . Select location for saving forms (.fm) files.

- b) Using export button on toolbar in Form Designer window

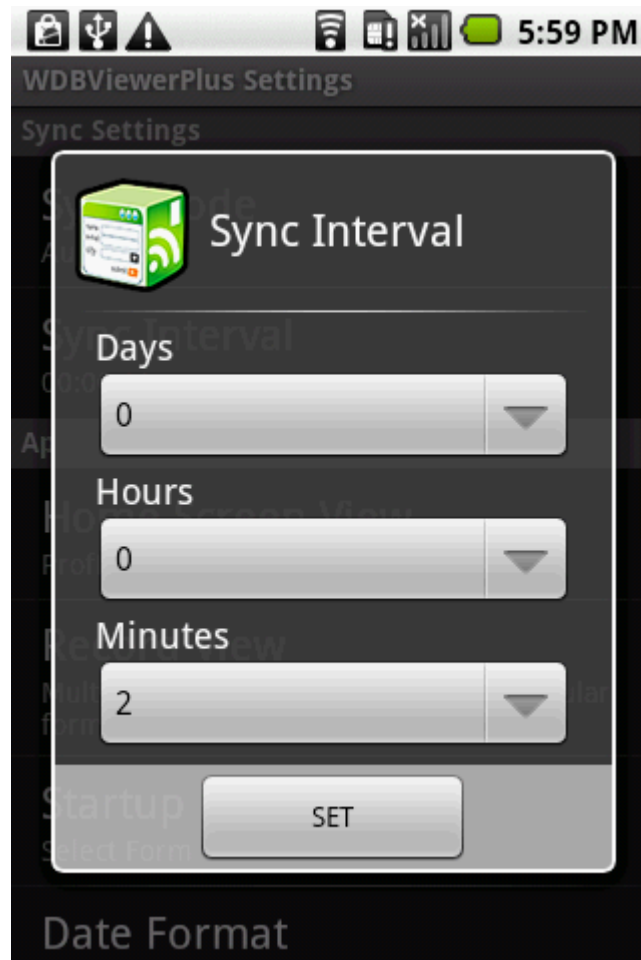
Sometimes you may want to take backup of your form while you are in between form designing process before making big change in design. For this purpose there is “ Export Form” button on toolbar on Form Designer Window. Click it to export your existing form layout and save it.

3.18 Can I use forms designed with single user edition in enterprise edition?

Yes, Form designed with single user edition can be used in enterprise edition. You need to export forms from single user edition(ref 11) and import them in Enterprise edition form manager while creating new form.

3.19 How can I sync my database automatically?

From Settings form, select “ Sync Settings” option and disable Sync menu option. Now set interval of syncing in days, hours and in minutes.



To start synchronization automatically, In Settings form of Cellica Database on your Android Phone/Tablet, Set “ Sync Menu” option to OFF. This will allow you to set “ Sync Interval. In Sync Interval you can set Day, Hours, and Minutes.

3.20 What time I can set for automatic synchronization?

For automatic synchronization, you can set “ Sync Interval” option in Days, Hours, and Minutes.

3.21 How can I change column width in Multi Column view (Grid View)?

Please Tap on Grid view on particular column whose width you want to change and hold there for few seconds, Context menu will appear. Select “ Resize Column Width” menu to change the width.

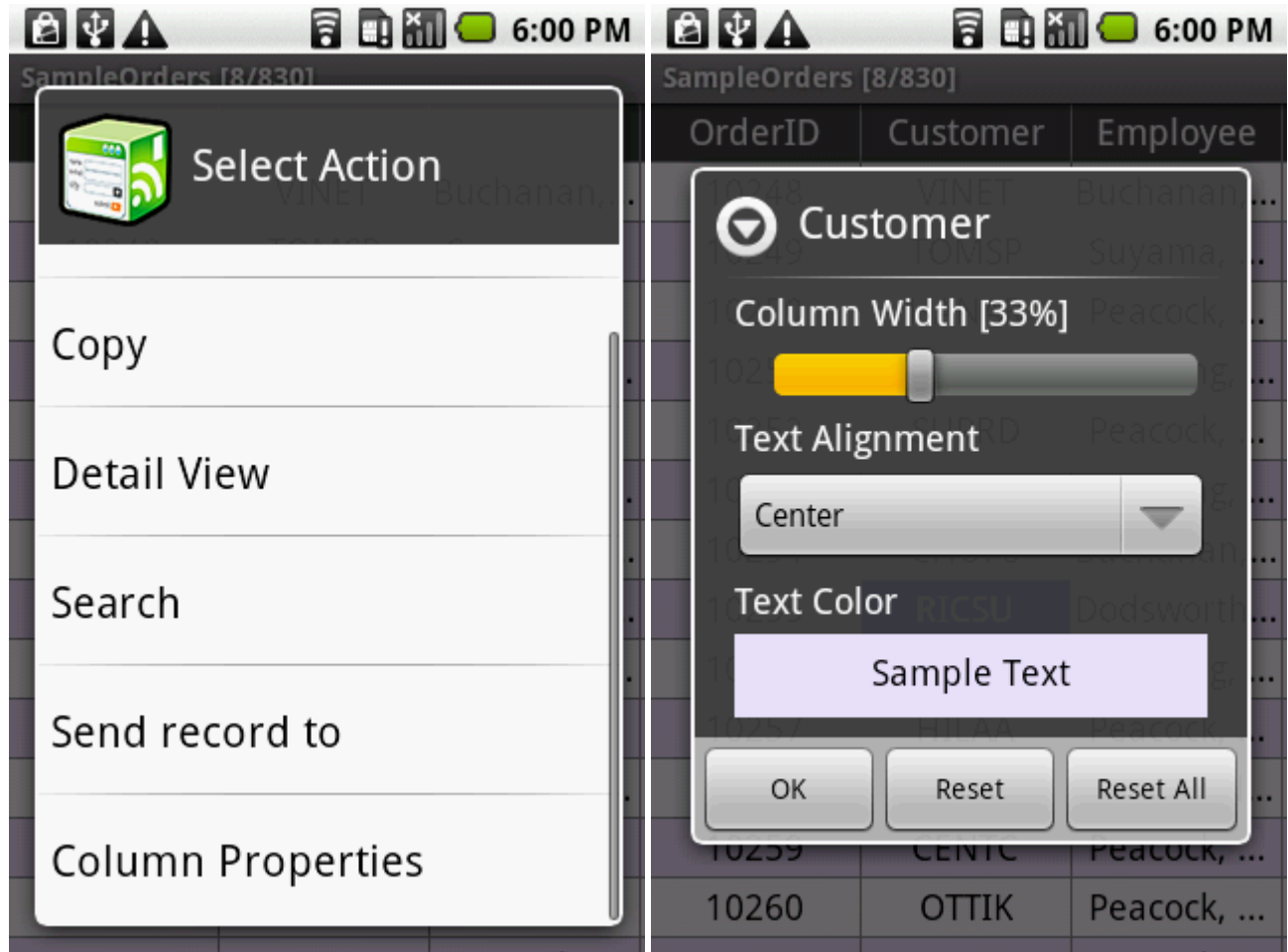
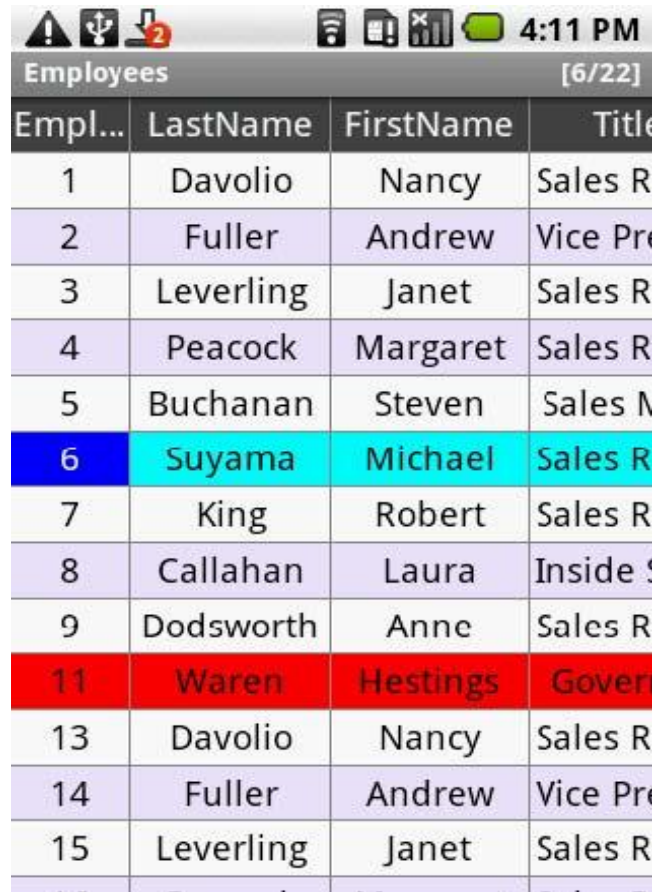


Figure 42: Change Column Width

3.22 Whenever I add/edit/delete record on Android Phone/Tablet, in Record view I get Red/Cyan color.

Cyan color indicates that record synchronization is still in progress.

Red color indicates that Record has problem while syncing with desktop database. “ Status Message” menu shows information related with record syncing process.

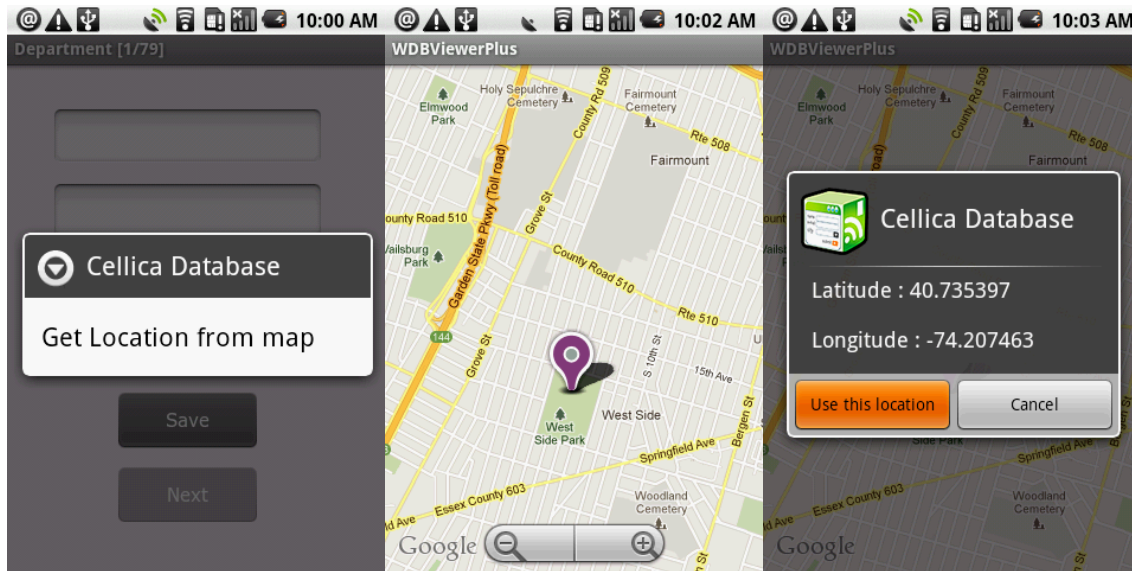


Employees [6/22]			
Empl...	LastName	FirstName	Title
1	Davolio	Nancy	Sales R
2	Fuller	Andrew	Vice Pre
3	Leverling	Janet	Sales R
4	Peacock	Margaret	Sales R
5	Buchanan	Steven	Sales M
6	Suyama	Michael	Sales R
7	King	Robert	Sales R
8	Callahan	Laura	Inside S
9	Dodsworth	Anne	Sales R
11	Waren	Hestings	Govern
13	Davolio	Nancy	Sales R
14	Fuller	Andrew	Vice Pre
15	Leverling	Janet	Sales R

Figure 43: Status of updated record

3.23 Can I get location from map?

Yes you can get latitude and longitude values of any location directly from map. Use “Location” control on your form and tap and hold location control while adding or editing record mode. It will open a context menu. Select “Get Location from map” option. It will display a map. Tap on map to drop a pointing pin on the location of which latitude/longitude values to be get. After selecting desired location, tap on the pin. It will display latitude and longitude of the selected location. Click “Use this location” button to put these values in location control.



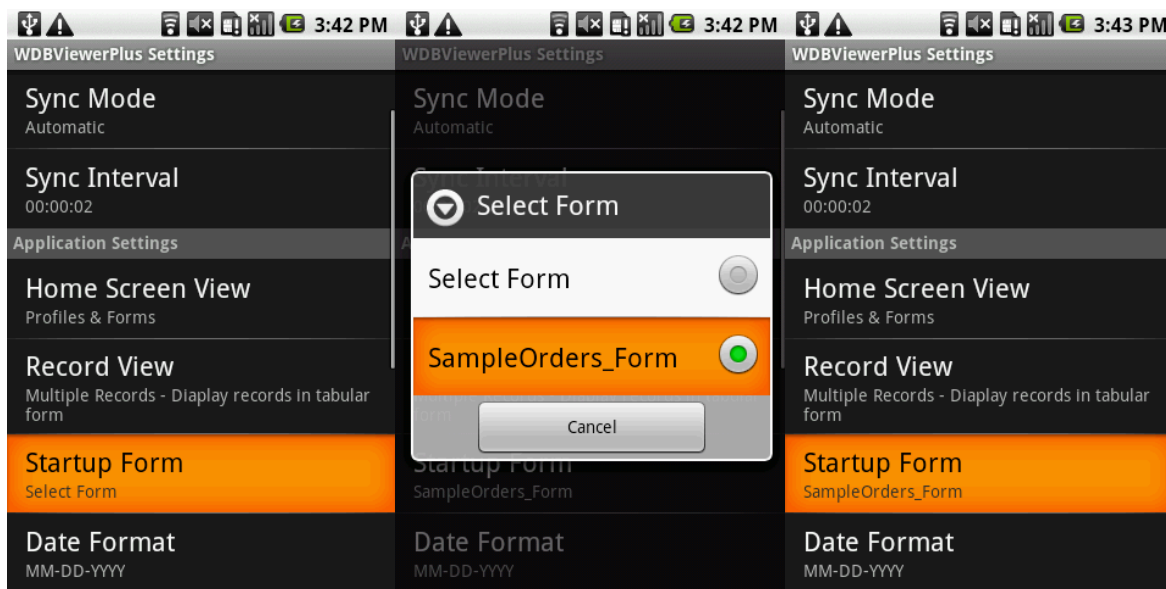
3.24 Can I set any particular form to be open on application launch?

Yes, You can do it.

If you have a form which you use frequently, you would like to open it at application launch instead of running through the list of available forms and selecting one. Startup form is the option you are looking for.

Marking form as startup form:

You can select a form to open when you start the application by clicking on application icon. To make a form as startup form, open application preferences and select “Startup Form” option from the list. It will display a list of available form. Select a desired form from the list. Now close the application and launch it by clicking on application icon, it should open the form, which you have just selected as startup form.



Unmarking / Modifying startup form:

Open the Cellica Database on Android device. It will open your current startup form. Open menu and select “ Preferences” . Select “ Startup Form” from the list. It will present the list of available forms.

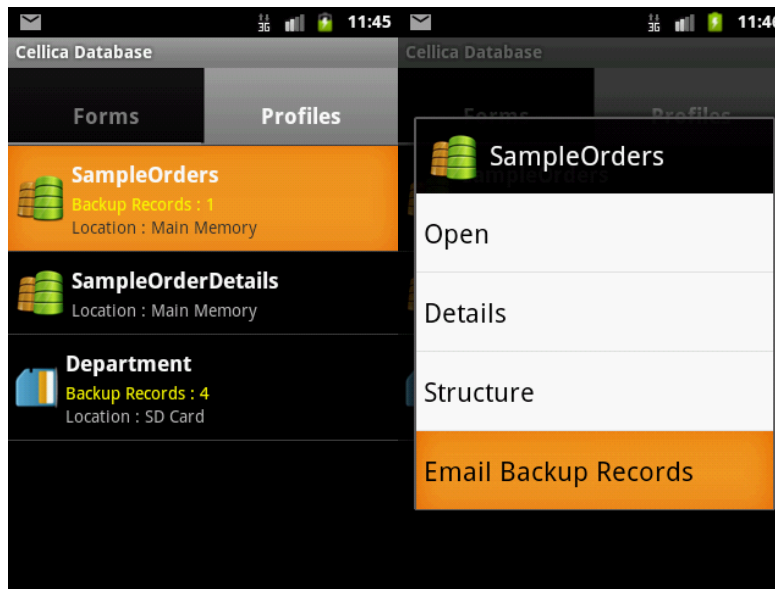
- To unmark startup form select “ Select From” option from the list.
- To use different form as startup form, select that form from the list.

3.25 Does Cellica Database has any backup option for New or Updated record on Android device?

Yes, When a record is added or updated from device, its backup copy is maintained separately to prevent you from losing your important data. This copy is maintained till record is successfully added or updated in your desktop database. Once successful acknowledgment is received, it is removed from backup.

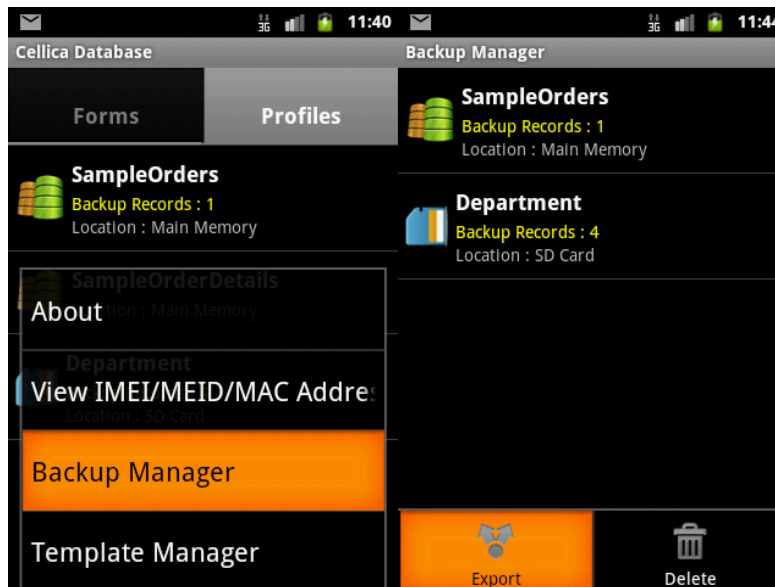
You will get the no. of records that are kept in backup for each profile on home screen of the application. It is displayed in YELLOW color as displayed in following figure.

Here for “ Department” profile 4 records are present in backup. You can also export the records in backup as CSV. Long press the profile name in the list. It will display a context menu. Select option “ Email Backup Records” . It will export records from backup in a CSV file and open email application with CSV attached.



Backup Manager

You can also view the complete summary of backup from Home Screen Menu -> More -> Backup Manager.



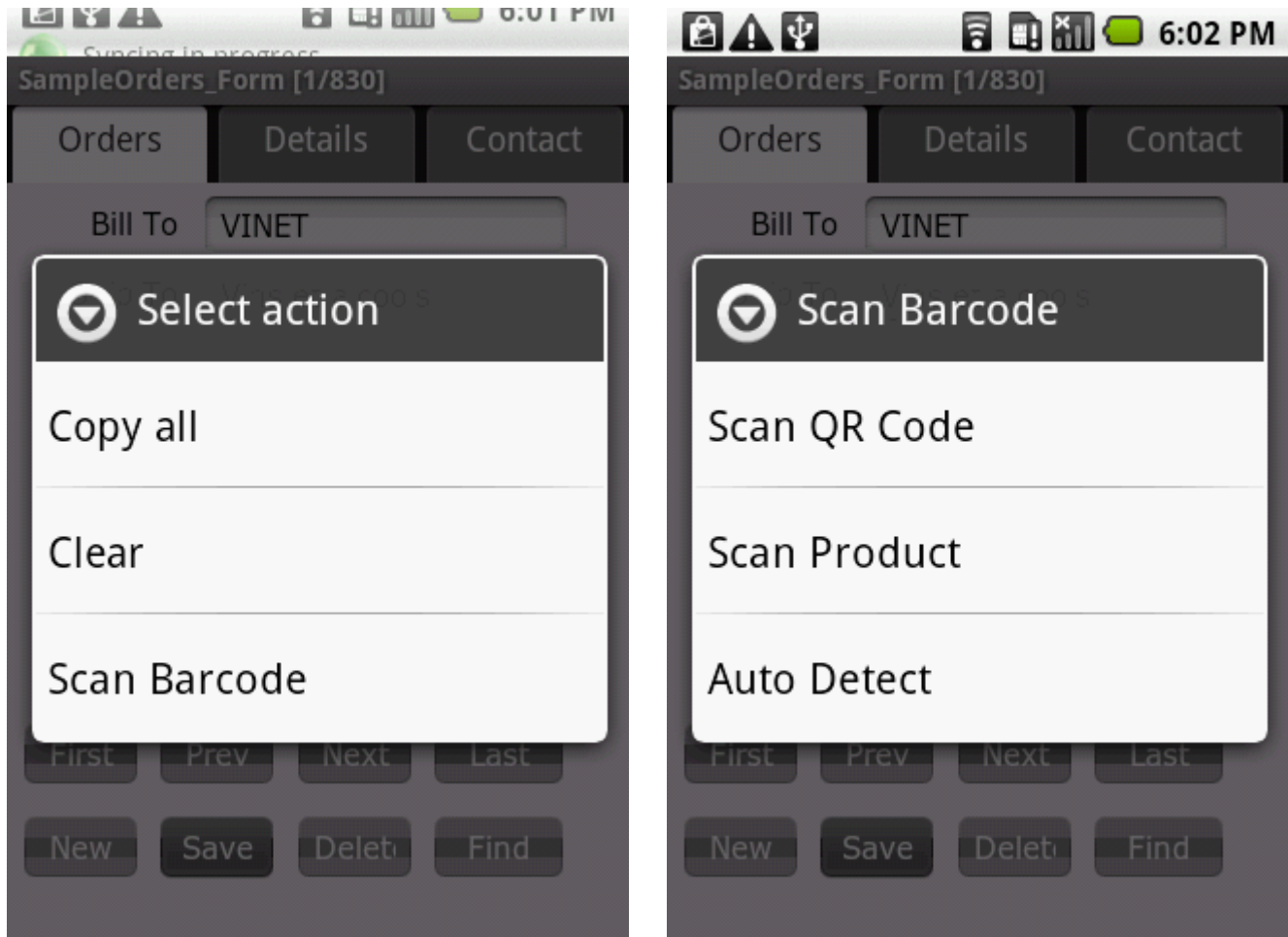
Exporting backup data using Backup Manager

You can also export the records in backup as CSV. Open Backup Manager and select the table from the list which is to be exported. It will present two options

- 1) Export as CSV: It will ask for name to be assigned to the CSV file and export all records from the backup into the CSV file on SD card. You can copy this CSV file to your PC.
- 2) Delete Table: It will delete the selected table from backup. After backup you should delete the table using this option.

3.26 How to scan Bar code in Cellica Database?

You need to hold for few seconds on Text Box in Form and it will display menu "Scan Barcode".



On clicking this “ Scan Barcode” menu, you will get another dialog, where you have to select type of bar code you want to scan (“ Scan QR Code/ Scan Product/Auto Detect”).

Software will scan the Bar code according to this and display data in text box.

Scan QR Code: Use this option to scan QR Code.

Scan Product: Use this option to scan One Dimensional Bar codes on products.

Auto Detect: Use this option, if you do not know the Bar code type.

You can get barcode scanning option in Text Box control on forms, Search Field and in editing profile data.

PS: To enable barcode scanning functionality on your device, you should have installed "Barcode Scanner" application on your Android device.

4. SUPPORTED DATA TYPES

Currently Cellica Database for Android Phone/Tablet supports following data types.

- Memo, Char, VarChar, VarChar2
- Number of type: Byte, Decimal, Integer, Long Integer, Single, Real, Float, Double
- GUID
- Date/Time
- AutoNumber of type: Long Integer
- Yes/No
- Hyperlink
- Currency

5. CONTACT US

You can use the following email addresses to contact us:

- o Product support support@cellica.com
- o Sales inquiries sales@cellica.com

3. SYSTEM REQUIREMENT

Desktop: Windows XP, Windows 2000, Windows 2003, Windows Vista, Windows 7

Device: Android phone running OS 1.5 or higher