
User's Guide

Using RFDBManager

For Bluetooth and IEEE 802.11b

Version 1.03.02



Printed on 21 June, 2006

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CHAPTER 1

Introduction

The RF Database Manager-TCP/IP software lends itself to real-time data exchange, by updating and/or editing database on the host computer. Working with the CipherLAB RF data collection terminals, it can easily create or link to a back-end database according to the pre-defined properties of lookup file/s.

The following RF specifications may apply depending on your RF system:

- Bluetooth
- IEEE 802.11b



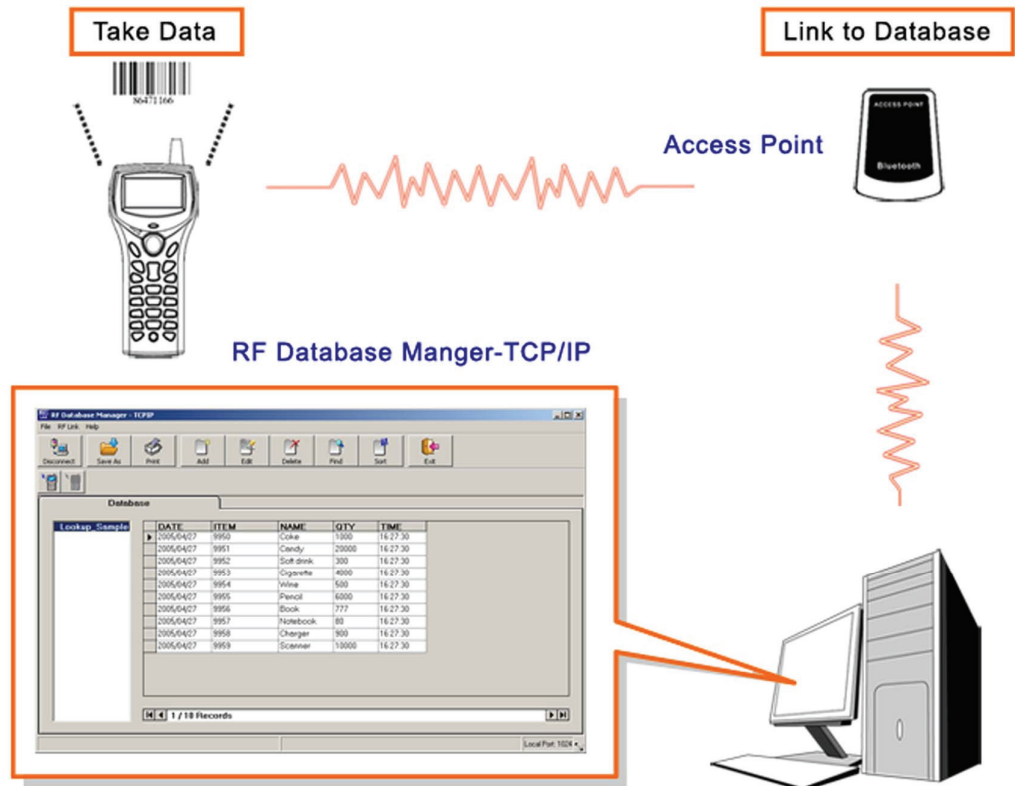
Sparing your time from the tedious work of writing codes, the RFDBManager-TCP/IP gets your data linked to a number of legacy OLE database easily.

Note: The properties of lookup file/s must be defined using the RF Application Generator.

In This Chapter

How it works...	2
Revision History	2

How it works...



Revision History

Version	Release Date	Notes
1.03.02	June 21, 2006	Company name changed to CIPHERLAB CO., LTD. since April 2006
1.03.01	June 14, 2005	Initial release

CHAPTER 2

The RFDBManager-TCP/IP Interface

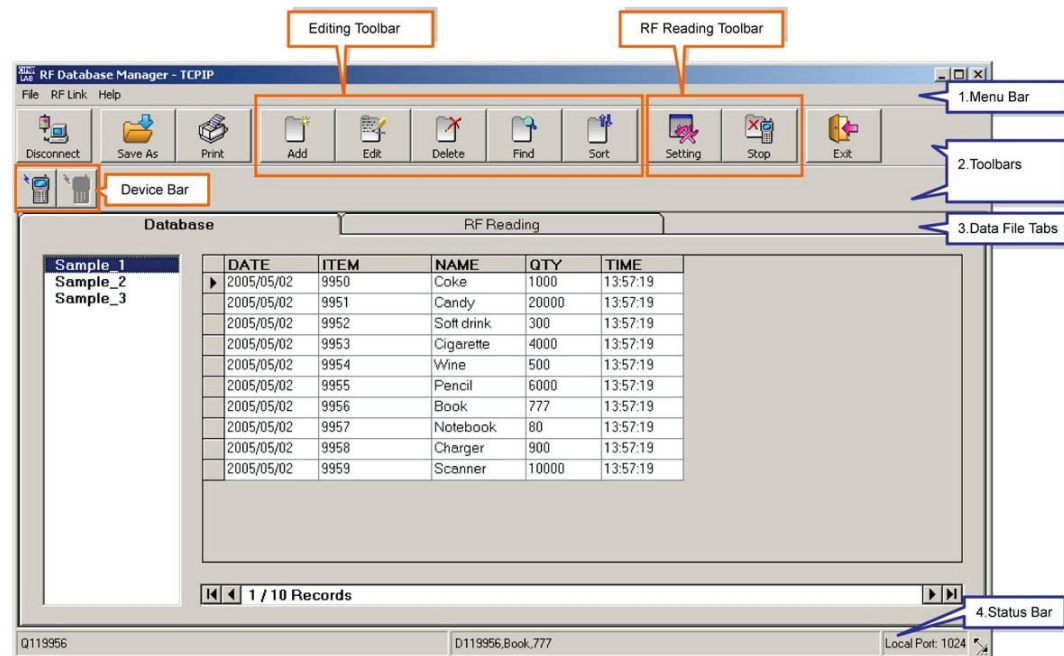
This chapter describes the main window and interface elements you need to get familiar with before getting started.

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Main Window

The main window of the RFDBManager-TCP/IP has menus and toolbars on the top, and, the rest of the window displays available database and/or RF reading section.

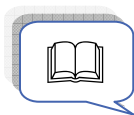


Database tab

When you click on the Database tab, it displays in two panes –

- Title of data sheet on the left (It can display up to three data sheets.)
- Content on the right

RF Reading tab



When you click on the RF Reading tab, it simply displays data received.

Note: The data file tab/s varies with the lookup file attributes.

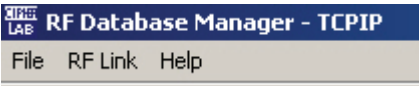
(1) The Database tab will be brought up when the application template contains a form that makes reference to lookup file/s.

(2) The RF Reading tab will be brought up when the application template contains a form that doesn't make reference to lookup file/s.

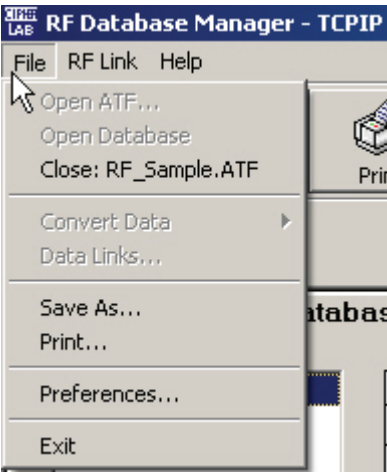
Menu Bar

The Menu Bar contains a number of menus that specify which task you want the system to perform. Each menu contains a list of commands and sometimes sub-menus.

Some of the options carry out commands immediately, and others display a window so that you can enter additional information. If an option is followed by [...], it will display a window. Otherwise, the command is carried out immediately.



File Menu



Command	To Do...
Open ATF	Open an existing application template file that was created by the RF Application Generator. <ul style="list-style-type: none">♦ ATF refers to "Application Template File".
Open Database RF Reading	If the database has been successfully created earlier, you can directly open it without having to open the application template first. <ul style="list-style-type: none">♦ When the previously opened template includes RF Reading only, the command is Open RF Reading.♦ When it includes Database or Database + RF reading, the command is Open Database.

Close:	Close the current application template file.
(ATF file name)	
Convert Data	Convert the source text data of a lookup file to database file. It allows up to three lookup files. <ul style="list-style-type: none">♦ Make sure that all required lookup files have been converted to database completely.♦ If the date/time stamps in the ATF have been defined, a dialog box will prompt to confirm whether the system is to generate the date/time stamp for the records automatically.
Data Links	It supports a variety of database types. Configure the Data Link properties and link to any legacy back-end database.
Save As	Save the current database to a new file either in database format (*.mdb) or in text format (*.txt).
Print	Print out data from the current database.
Preferences	Configure custom settings for security concerns and others.
Exit	Close the RF Database Manager program.

RF Link Menu



The RF terminal/s must connect to the host computer through the Access Point/s (referred as APs).

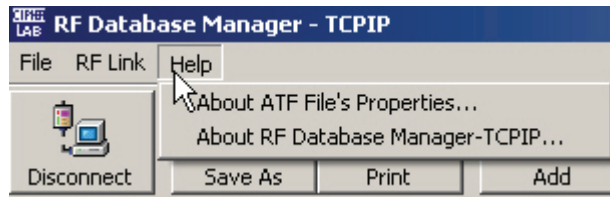
After a careful site survey, you may decide to have a number of APs to form your RF network. In this case, the terminal/s being connected to the host computer is called "Client", while the computer is called "Server".

Command	To Do...
Connect	Enable the wireless connection between PC and the terminal/s through APs.
Disconnect	Disable the wireless connection between PC and the terminal/s through APs.
Properties	Configure the COM port settings: <ul style="list-style-type: none">♦ Assign local port♦ Define the number of supported clients



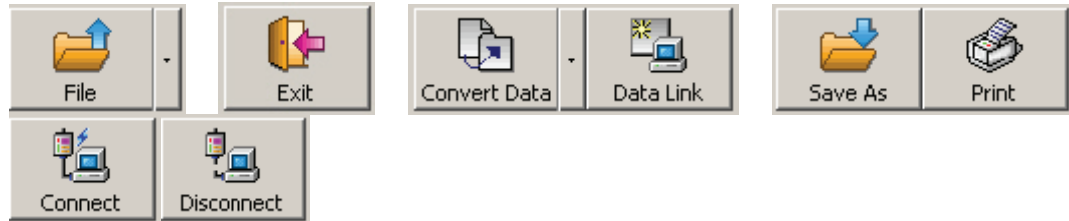
Note: The number of the symbolic icons on the Device Bar reveals how many terminals are currently connected.

Help Menu



Command	To Do...
About ATF File's Properties	Show properties of the application template file.
About RF Database Manager-TCP/IP	Show information about the RF Database Manager-TCP/IP program.

Main Toolbar



The Main Toolbar gives you quick access to available commands in current stage of application.

This Button	Does The Same As This
File > Open ATF	File > Open ATF
File > Open Database RF Reading	File > Open Database RF Reading
Exit	File > Exit
Convert Data	File > Convert Data
Data Link	File > Data Link
Save As	File > Save As
Print	File > Print
Connect	RF Link > Connect
Disconnect	RF Link > Disconnect



Note: The Convert Data button won't go away as long as there is more data (another lookup file) needs conversion.

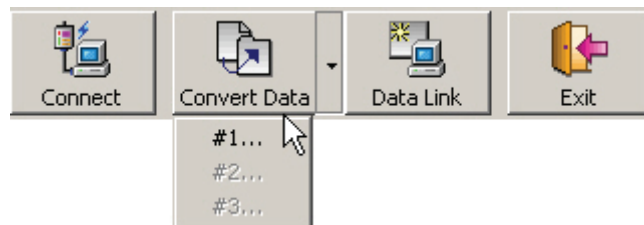
Different Approaches

1. Start with Open ATF

1.1



1.2



1.3



2. Start with Open Database

2.1



2.2



RF Reading Dialogue

When the application template file (ATF) includes a form that doesn't make reference to lookup files, the RF Reading dialog box pops up right after executing the Open ATF command.



After defining your RF Reading settings below, there appears the [RF Reading Toolbar](#) (on page 11) as well as the [RF Reading Tab](#) (on page 11).

Note: The data received will be saved in text format (*.txt).

Option	To Do...
Directory	Specify where the data is to be saved by entering file path or click [Browse] to select a location.
File name	Enter file name.
File mode	Choose file mode: Overwrite, Append or New Name.
Add Return character	When selected, it will add Return character to each record.
Add Line-Feed character	When selected, it will add Line-Feed character to each record.
Character replacement (ASCII)	When selected, it will perform character replacement as specified. [Original value ==> New value]

Add Date & Time stamp

When selected, it will add system date and/or time stamp to each record.

Click [>>] to open system date and time settings.

RF Reading Toolbar

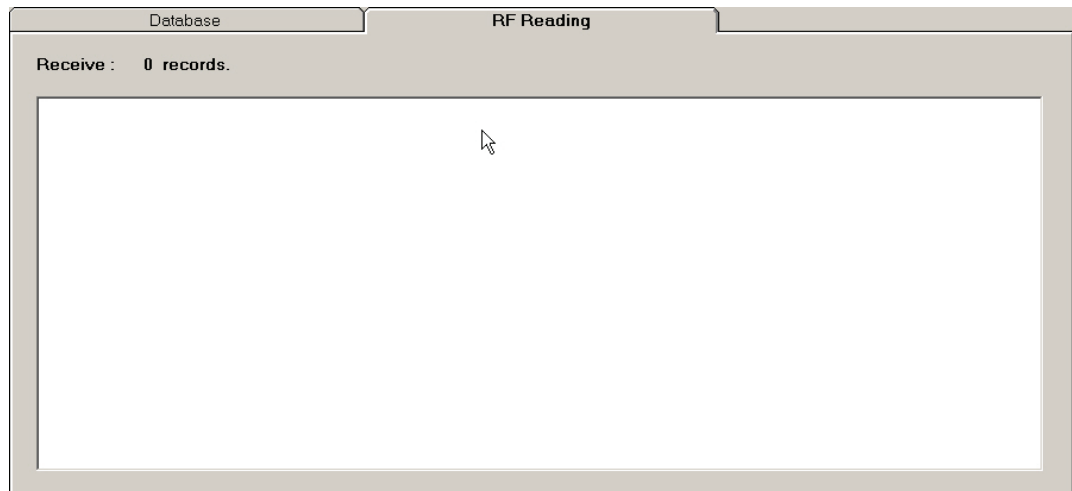
This RF Reading Toolbar appears after configuring the RF Reading setting.



Button	To Do...
Setting	To re-define the RF Reading setting.
Stop Start	To stop start the recording of the received data.

RF Reading Tab

This RF Reading Tab appears after configuring the RF Reading setting.



Note: The Save As and Print commands are not accessible.

Editing Toolbar

After executing one of these commands to create a database, you can use the Editing Toolbar to manage the received data manually.

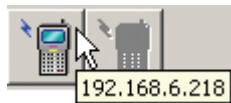
- Convert Data
- Open Database
- Data Link



Button	To Do...
Add	To add a record to the database.
Edit	To edit the data of the selected record.
Delete	To delete the selected record.
Find	To search the database according to the specified key field.
Sort	To sort the records based on the specified key field by ascending or descending.

Device Bar

The icons on the Device Bar quickly inform you how many terminals are currently connected.

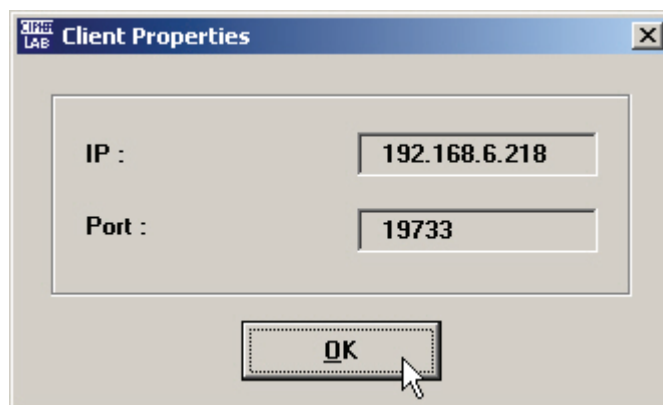


Move your cursor near to a symbolic icon, and the information of its IP address will appear.

Button	To Do...
Terminal	To view the terminal's properties: <ul style="list-style-type: none">♦ IP♦ Port

Click the terminal's icon...

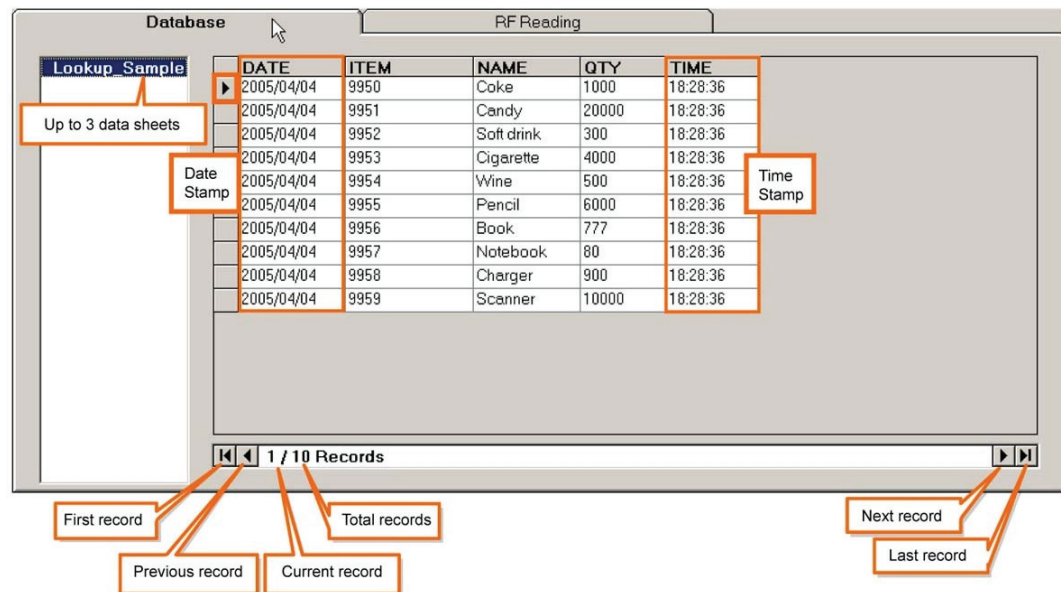
It shows the terminal's IP address and COM port number.



Database Tab

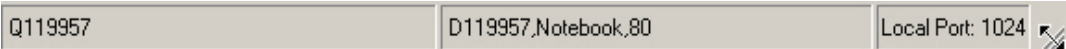
The Database tab lists up to three data sheets. You may click on any record, and then click the editing tools to edit it.


- On the right pane of the database window, you'll find the triangular indicator (▶) points toward the current entry of record. You may click on any other entry to move the indicator, and then proceed to edit the record.
- On the bottom of the database content is a horizontal scroll bar. You may use the right/left scroll arrows (◀▶ and ▶▶) to scroll through the list of records.



Status Bar

The Status Bar is located at the bottom of the application window. It gives information on the data sending and receiving activities that occur between the host computer and the terminal.



Message Column	Gives Information On...
Q119957	Data received from the local port.
D119957,Notebook,80	Command or data sent out from the local port.
Local Port: 1024 	Local COM port properties when it is open. It will show "COM Properties" when the COM port is closed.

CHAPTER 3

Demonstration

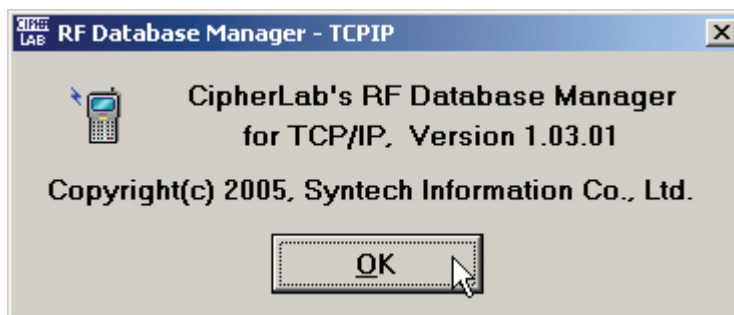
This chapter gives more information on how to use the RFDBManager-TCP/IP in your application.

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Start with Open Database	45
Set up Connection (RF Link).....	46
Configuration*	46
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Execute Program

1. Execute the RF Database Manager-TCP/IP program.
2. The version and copyright information pops up. Click [OK] to proceed.



3. The application window pops up.

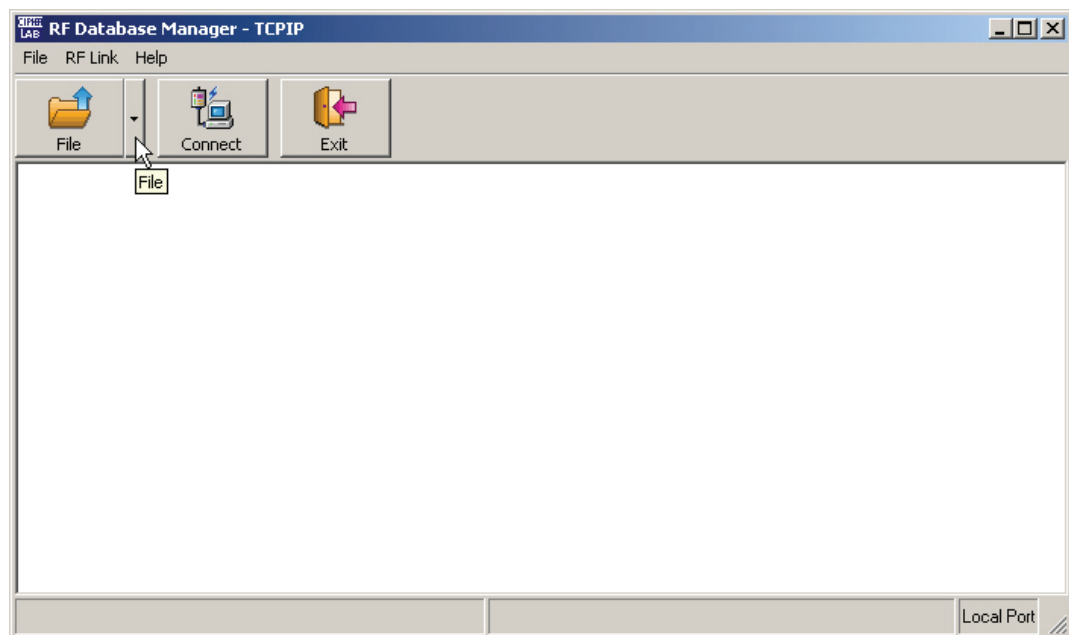
General Application Window

In this stage, available functions are accessible in the Main Toolbar. For the same function, you may click the drop-down menu from the Menu Bar as well.

- [Start with Open ATF](#) (on page 19): Click [File] and choose [Open ATF] to open the application template file.
- [Start with Open Database](#) (on page 45): Click [File] and choose [Open Database] to open the previously created database.
- Click [Connect] to open the COM port.
- Click [Exit] to end the program.



Note: The application template file (ATF) has to be defined properly with the RF Application Generator before you can make use of it with the RF Database Manager-TCP/IP.

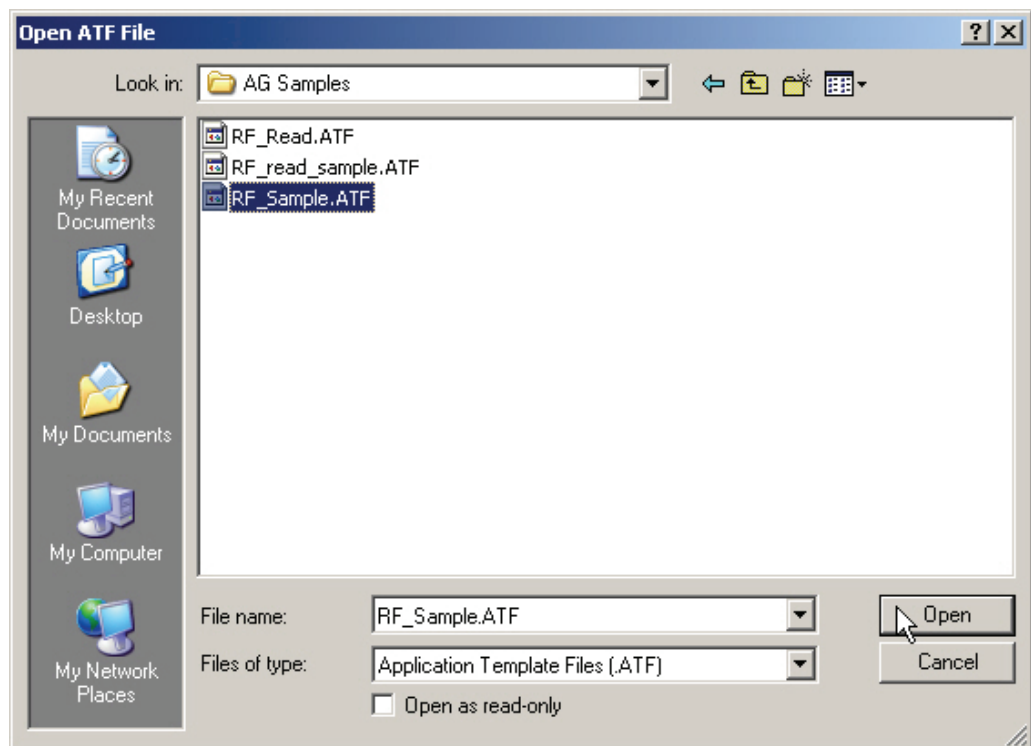


Start with Open ATF

1. Click [Open ATF] to start with a new application template file.

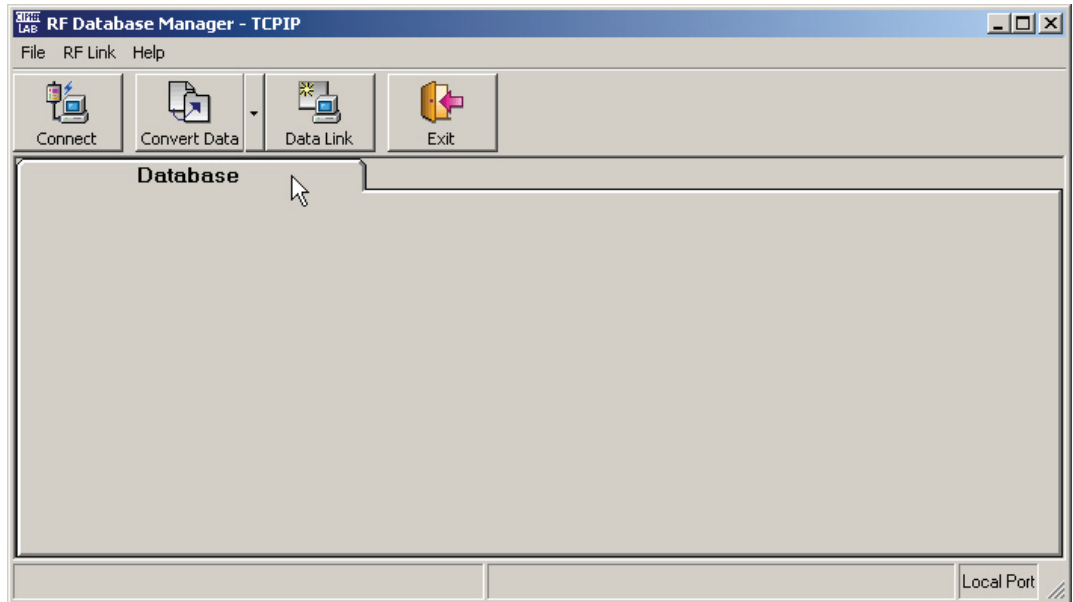


2. The following window pops up for specifying file path. When the file is located, click [Open].



3. Now the application window is as shown below.

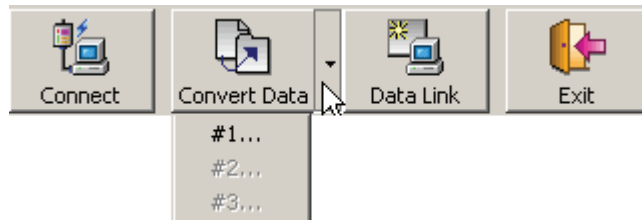
If the application template file (ATF) includes a form that specifies none for its lookup properties, the [RF Reading dialog box](#) (on page 10) will appear.



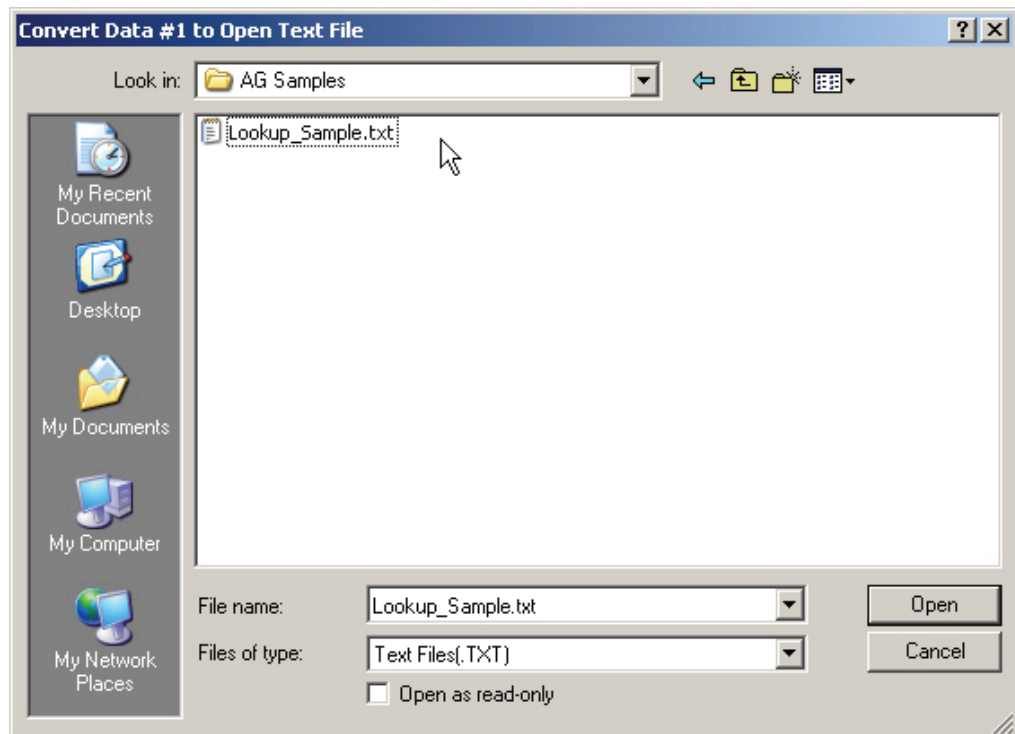
4. Proceed to click [Convert Data] to import text file, or click [Data Link](#) (on page 24)] for access to a custom database.

Convert Data

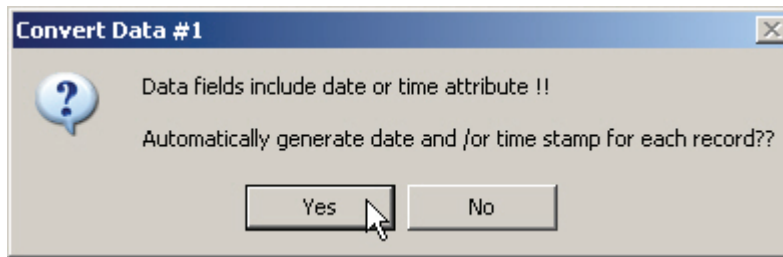
1. Click [Convert Data] to convert lookup text file into data sheet. Because up to three lookup files are allowed in the application template, you'll have to make sure all of them are imported to our database here.



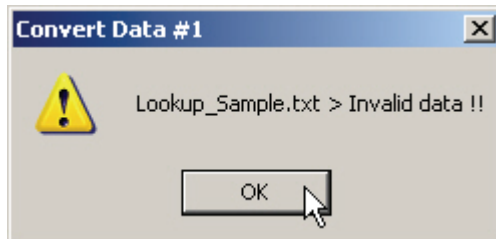
2. The following window pops up for specifying file path. When the file is located, click [Open].



3. The application template may specify that the lookup file's data fields include date or time attribute.

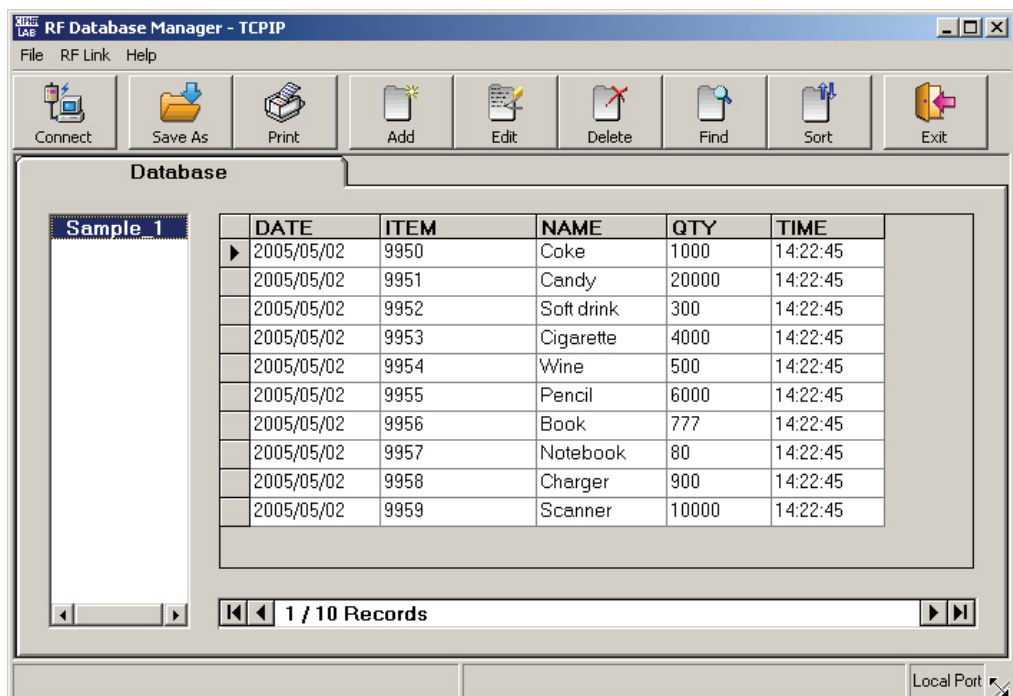


- For the system to generate date and/or time stamp for each record, click [Yes].
- If the date and/or time stamp has been joined to the text file, simply click [No] to proceed.
- If the text file includes no date and/or time stamp, an error message is generated when you click [No].



Note: The Convert Data button won't go away as long as there is more data (another lookup file) needs conversion.

At last, the application window shows data records in the data file tab (Database tab).



Refer to ATF

You may click [Help] on the Menu Bar and select [About ATF File's Properties] to view the settings of the template file. It reveals the relationship between the application template and the RF Database Manager.

In the Application Generator's template:

1st lookup file
2nd lookup file
3rd lookup file

In the RF Database Manager:

Convert Data > data sheet #1
Convert Data > data sheet #2
Convert Data > data sheet #3

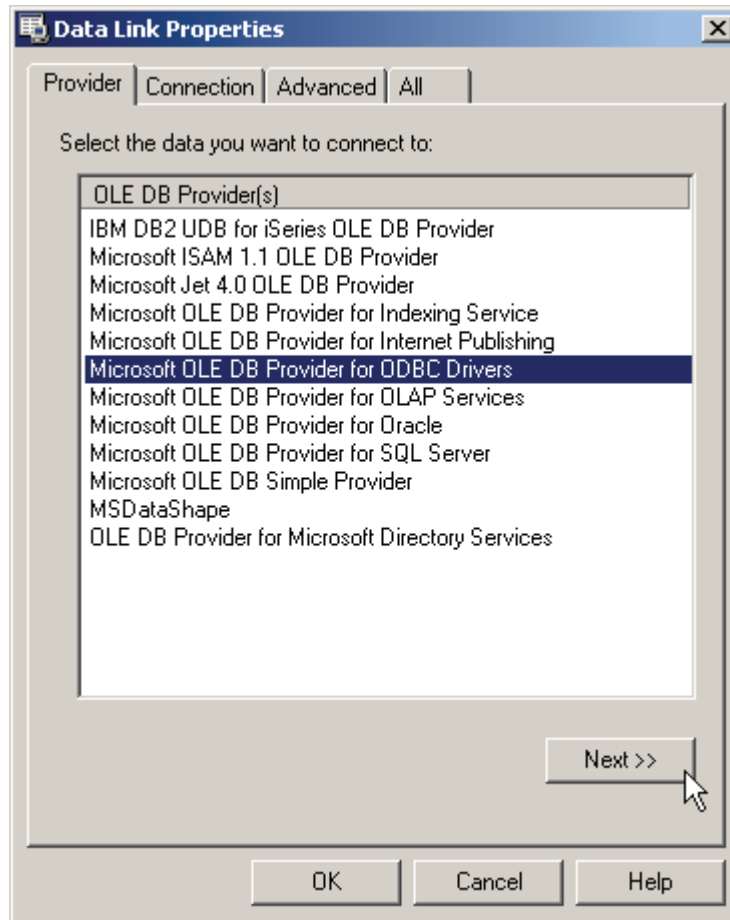


Note: The ATF's properties cannot be changed here.

Line	Data type	Prompt	Input source	Min length	Max length	Lookup	Properties
#1	text	Item:	both	1	13	field 1	more...
#2	extension		both	0	3	nil	more...
#3	lookup	Desc:	both	0	50	field 2	more...
#4	integer	Qty:	both	1	5	field 3	more...
#5	nil		both	0	50	nil	more...
#6	nil		both	0	50	nil	more...
#7	nil		both	0	50	nil	more...
#8	nil		both	0	50	nil	more...

Data Link

1. Click [Data Link] for link to a custom database.
2. The Data Link Properties box pops up for configuration.
3. In the Provider tab, select your OLE DB provider. See the following sections for details.



For example, a number of connection options for three major database types are available.

[Access Database](#)

(on page 25)

- Microsoft Jet 3.51 OLE DB Provider
- Microsoft Jet 4.0 OLE DB Provider
- Microsoft OLE DB Provider for ODBC Drivers

[FoxPro Database](#)

(on page 35)

- Microsoft OLE DB Provider for ODBC Drivers

[SQL Server](#)

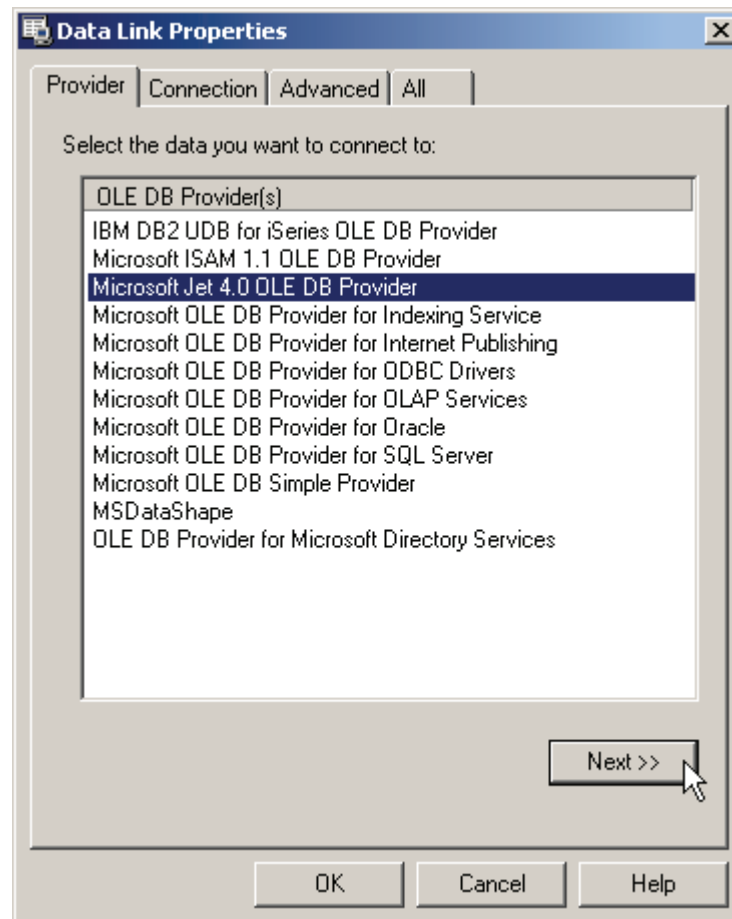
(on page 41)

- Microsoft OLE DB Provider for SQL Server
-

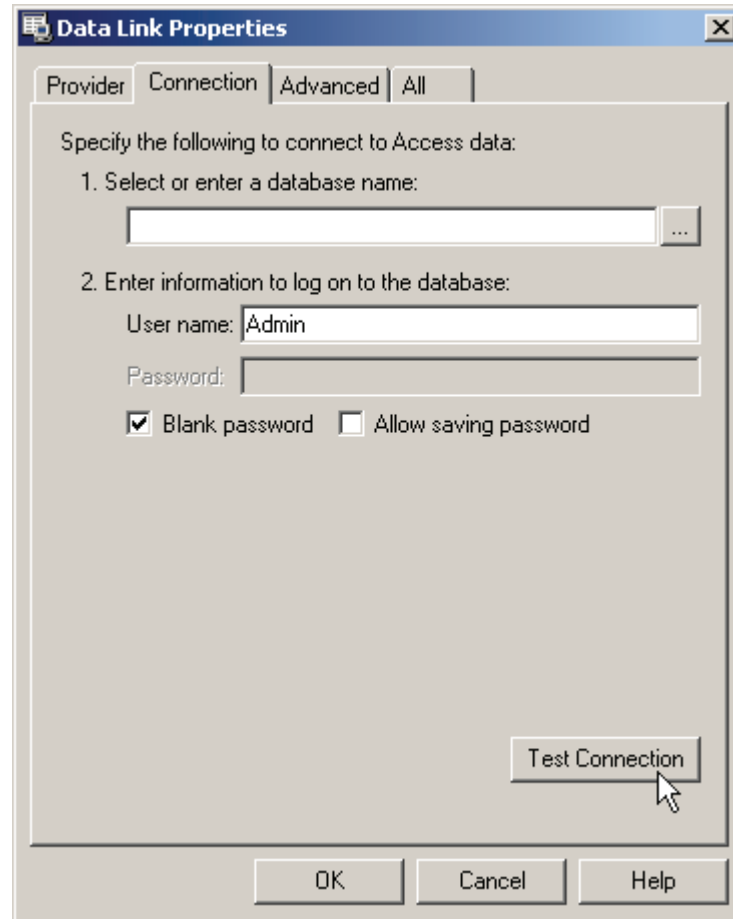
Access Database

➤ Microsoft Jet 4.0 OLE DB Provider

1. In the Provider tab, select [Microsoft Jet 4.0 OLE DB Provider].
2. Click [Next >>].



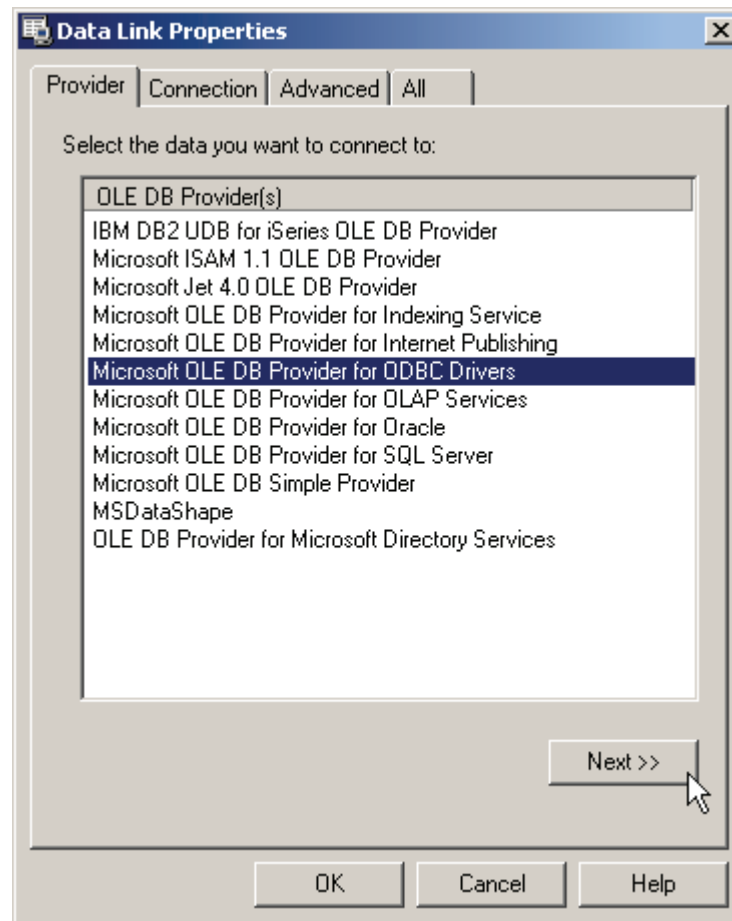
3. In the Connection tab, specify the name of target database (Microsoft Access Database: *.mdb) and provide other required information.
4. Click [Test Connection] to verify connection.
5. Click [OK] when initial connection is set up successfully.



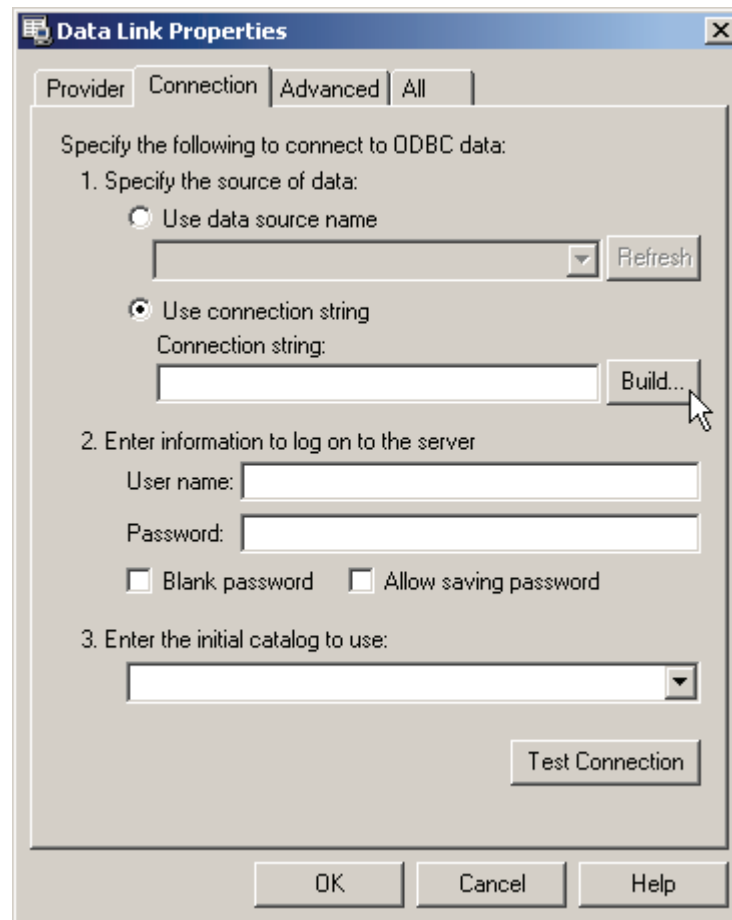
Note: Apply the same procedures for Microsoft Jet 3.51 OLE DB Provider.

➤ **Microsoft OLE DB Provider for ODBC Drivers**

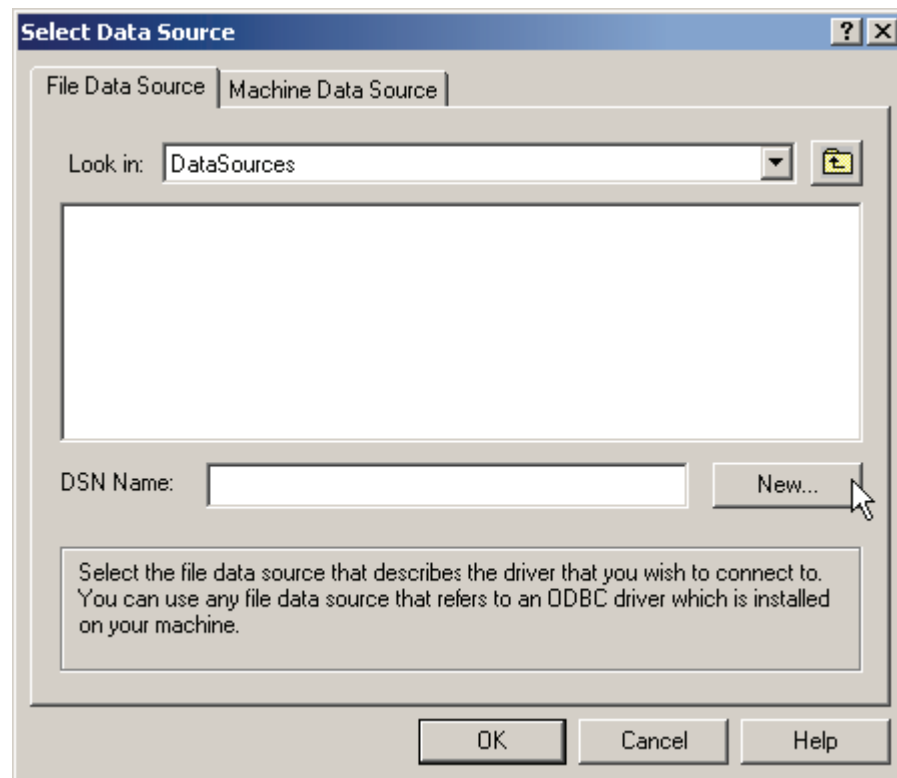
1. In the Provider tab, select [Microsoft OLE DB Provider for ODBC Drivers].
2. Click [Next >>].



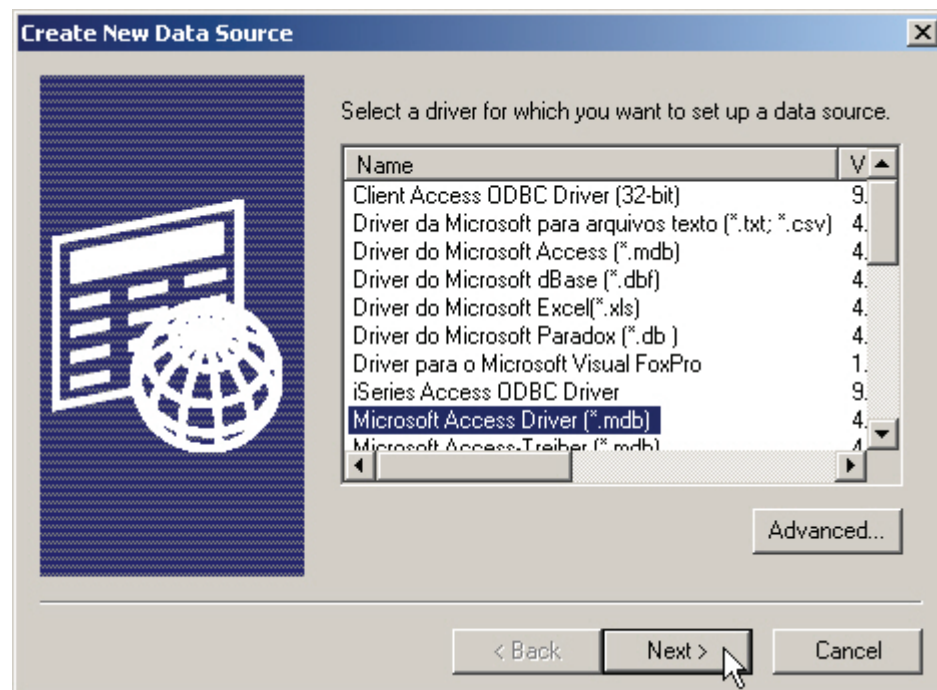
3. In the Connection tab, select [1. Specify the source of data: Use connection string] and provide other required information.
4. Click [Build] to select data source.



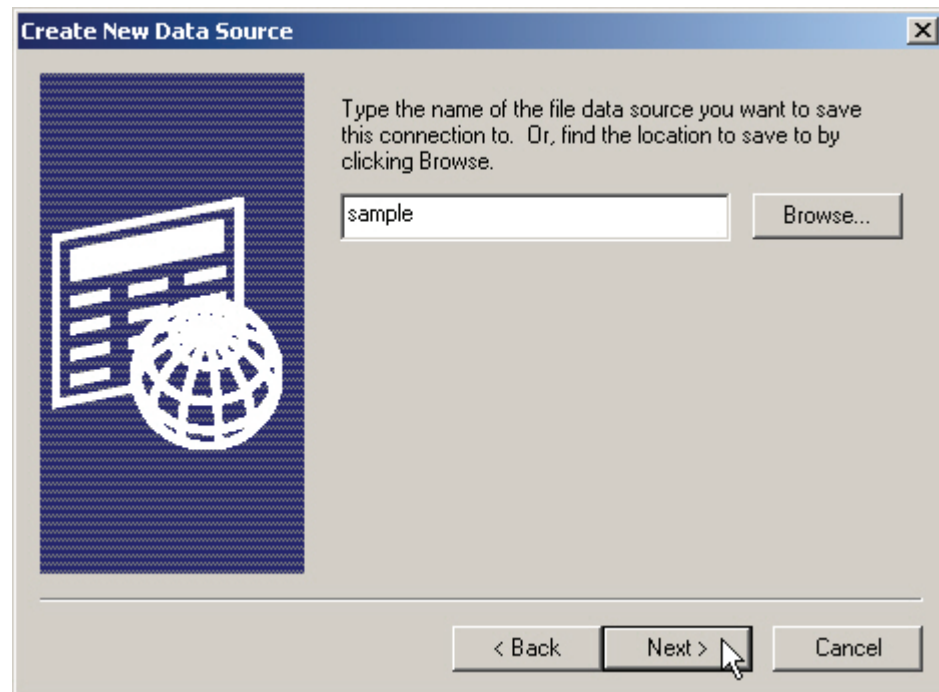
5. In the File Data Source tab, click [New] to create new data source.



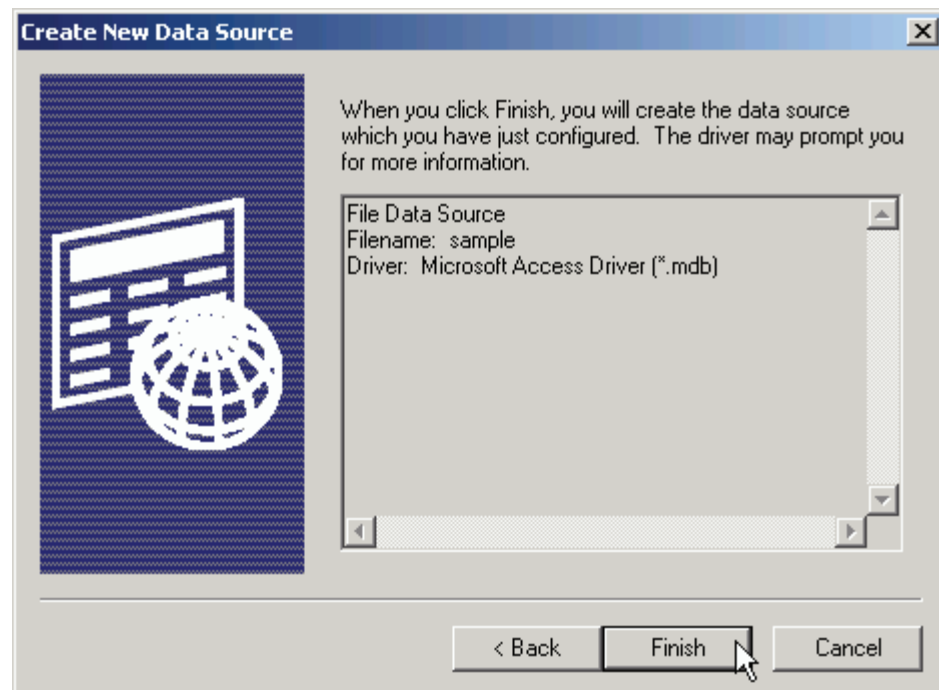
6. Select [Microsoft Access Driver (*.mdb)] as the driver for your data source.
7. Click [Next].



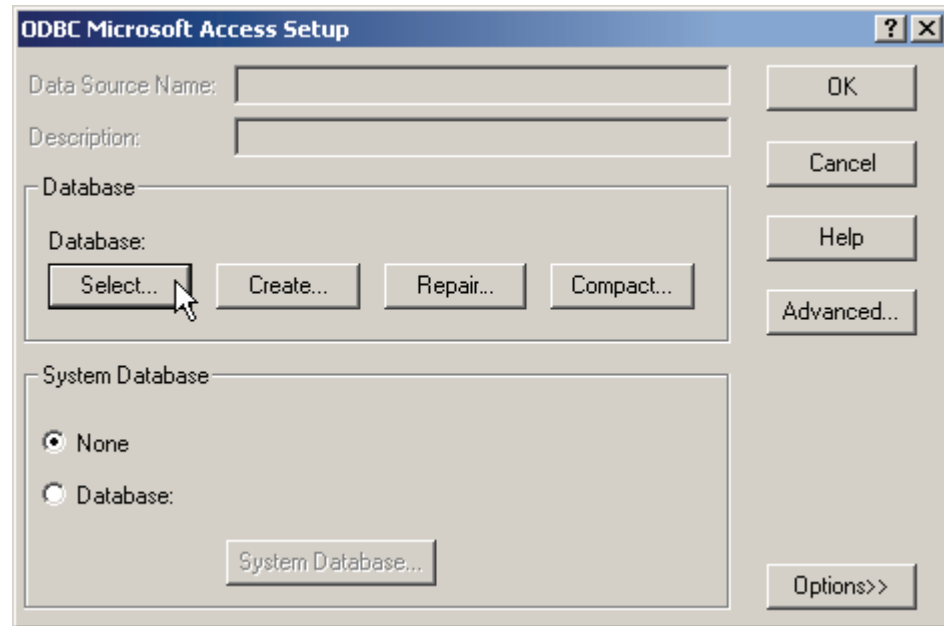
8. Specify the name of the file data source (ODBC File Data Source: *.DSN).
9. Click [Next].



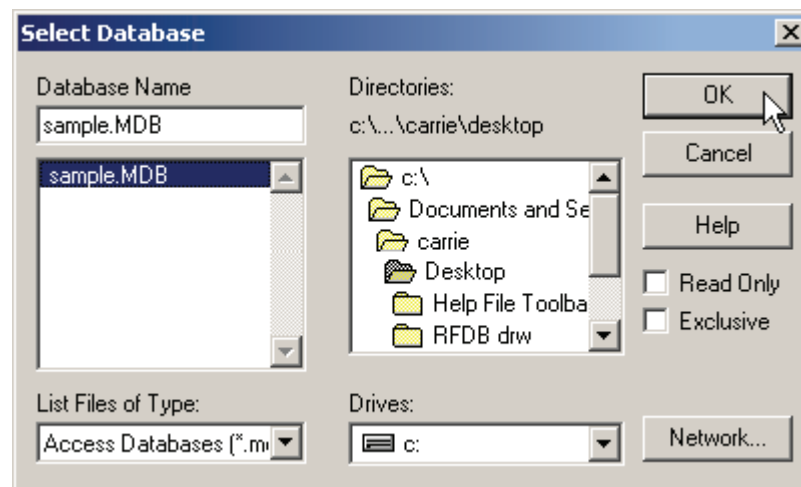
10. Click [Finish] when the configuration of database is completed.



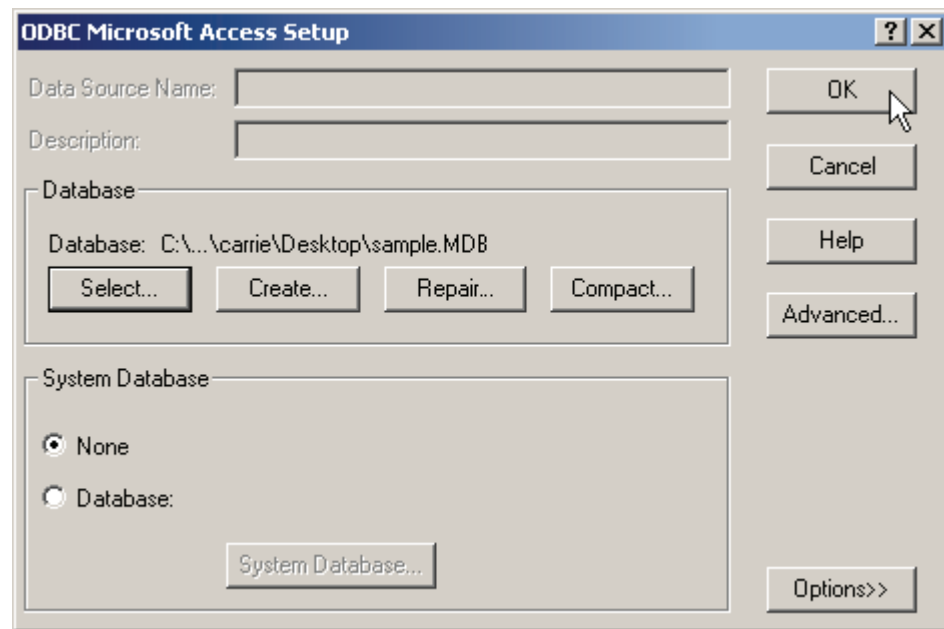
11. In the ODBC Microsoft Access Setup dialog box, click [Select] to select a database.



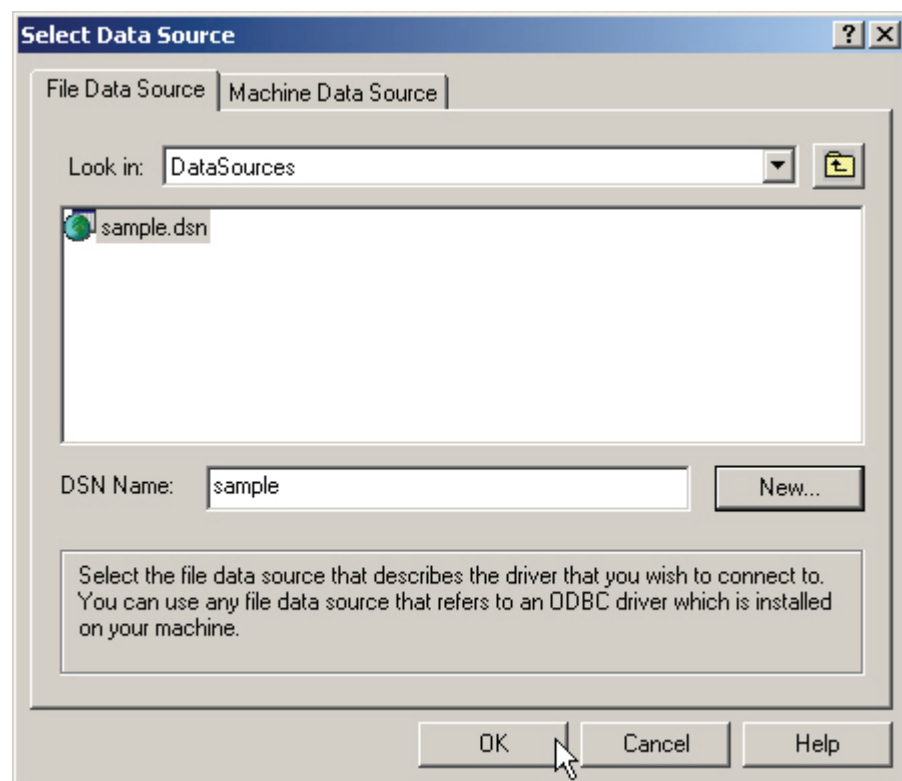
12. Specify the database you want to connect to, and then click [OK].



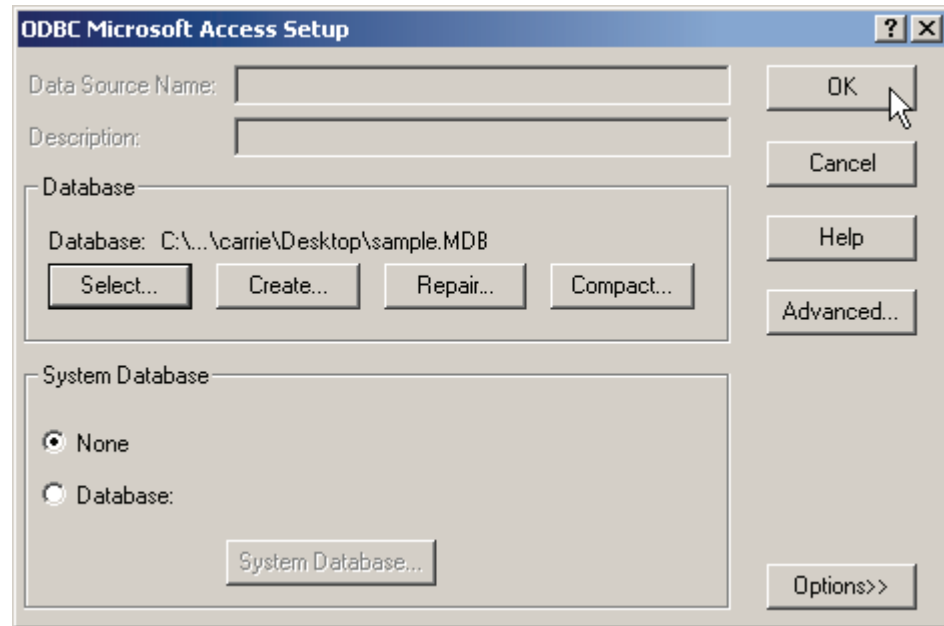
13. Click [OK] in the ODBC Microsoft Access Setup dialog box.



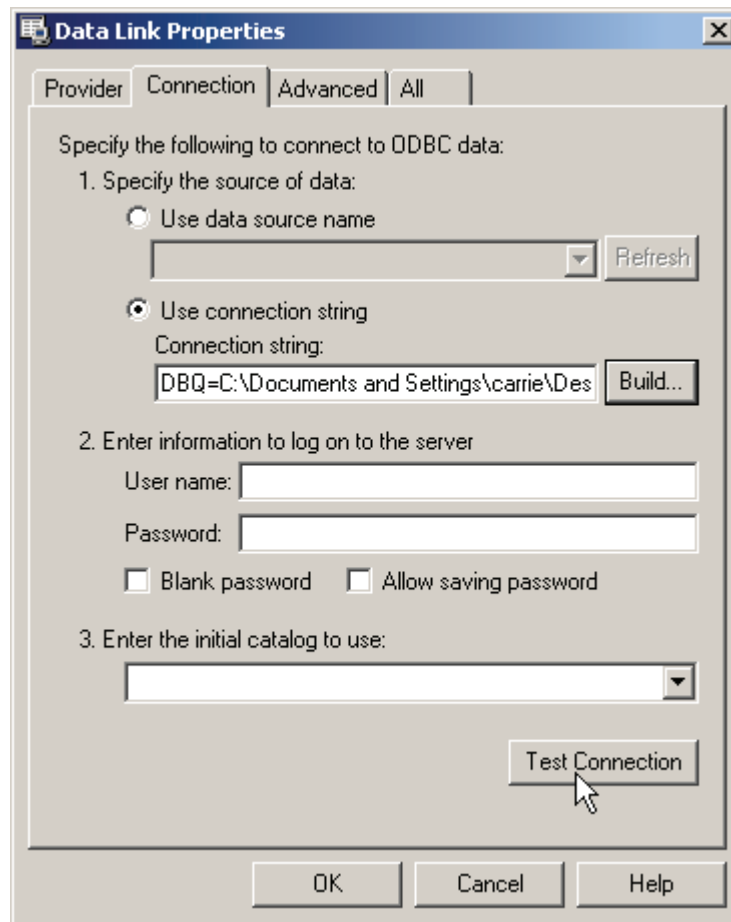
14. Click [OK] when the file data source is correct.



15. Again, click [OK] in the ODBC Microsoft Access Setup dialog box.



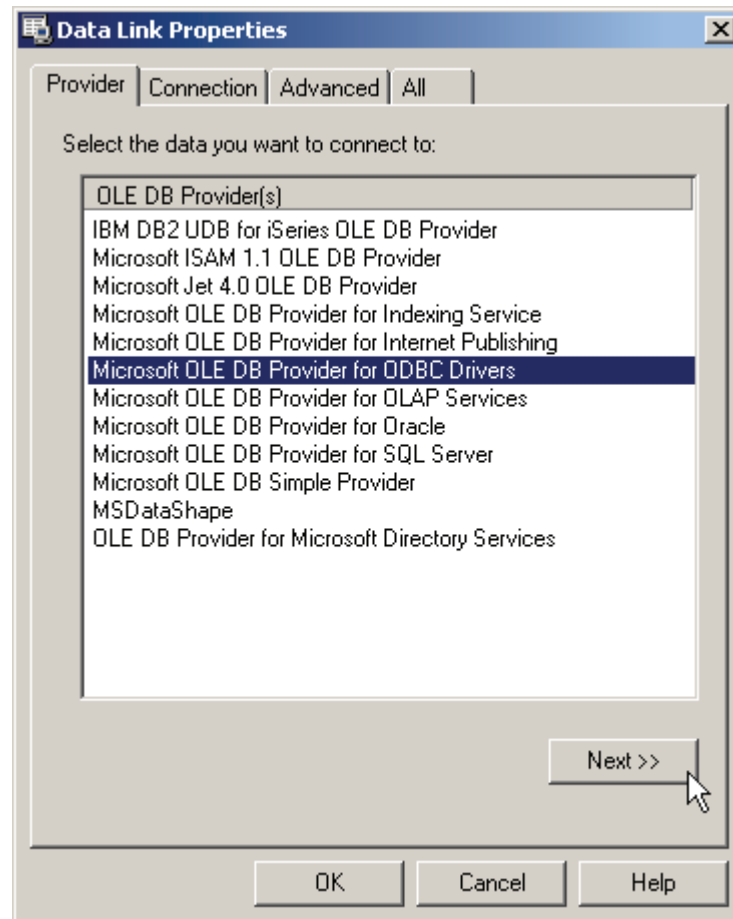
16. Click [Test Connection] to verify connection.
17. Click [OK] when initial connection is set up successfully.



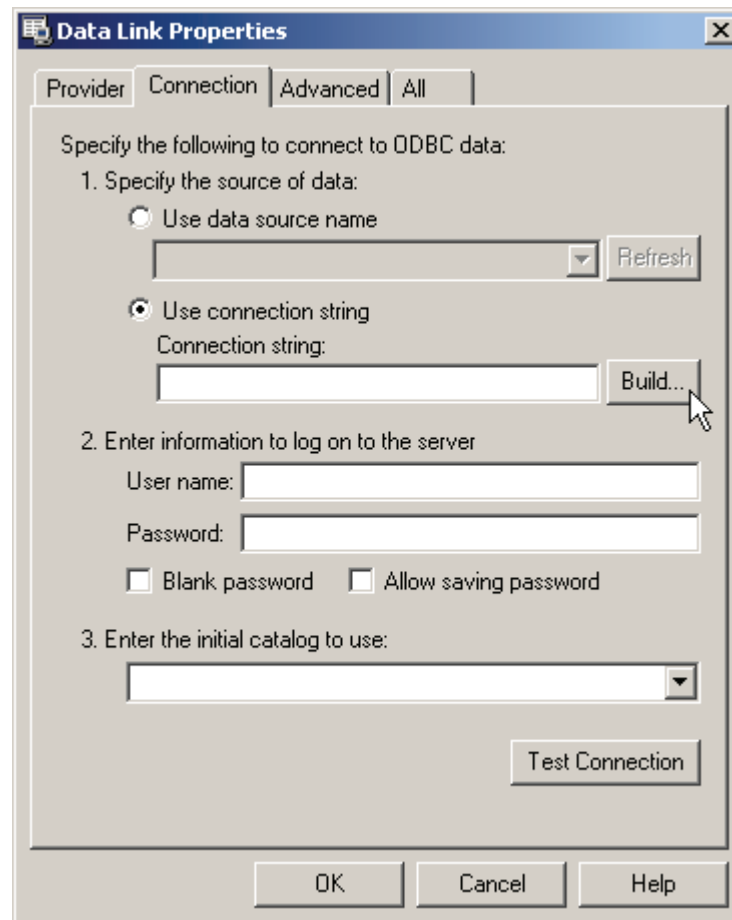
18. Go to [Map Lookup File](#) (on page 43).

FoxPro Database

1. In the Provider tab, select [Microsoft OLE DB Provider for ODBC Drivers].
2. Click [Next >>].



3. In the Connection tab, select [1. Specify the source of data: Use connection string] and provide other required information.
4. Click [Build] to select data source.

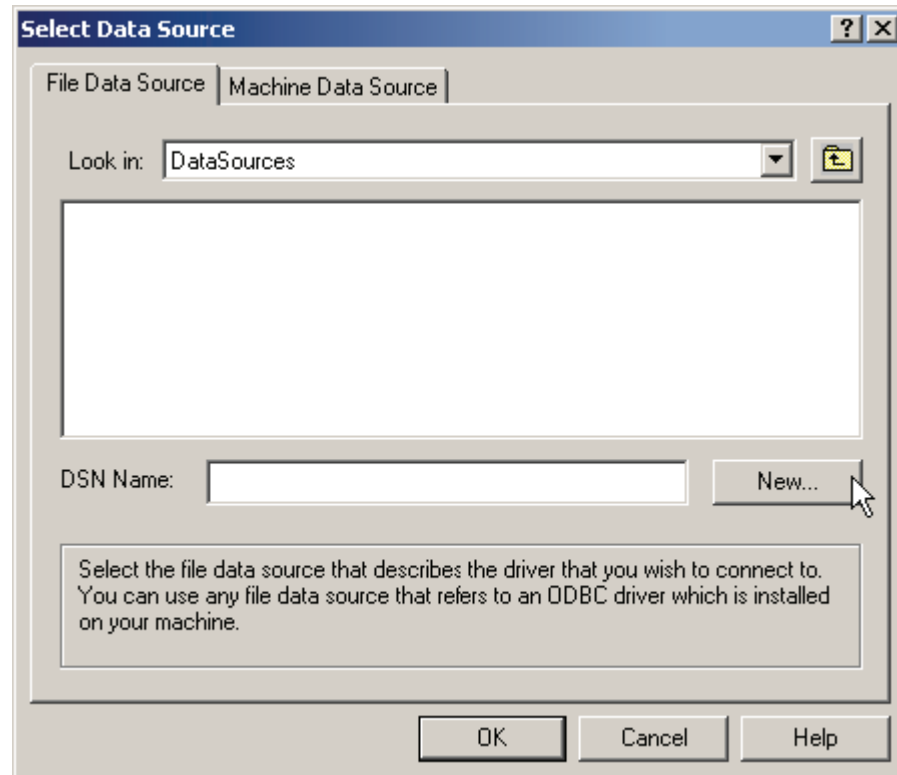


The image shows the 'Data Link Properties' dialog box with the 'Connection' tab selected. The dialog has four tabs: 'Provider', 'Connection', 'Advanced', and 'All'. The 'Connection' tab contains the following sections:

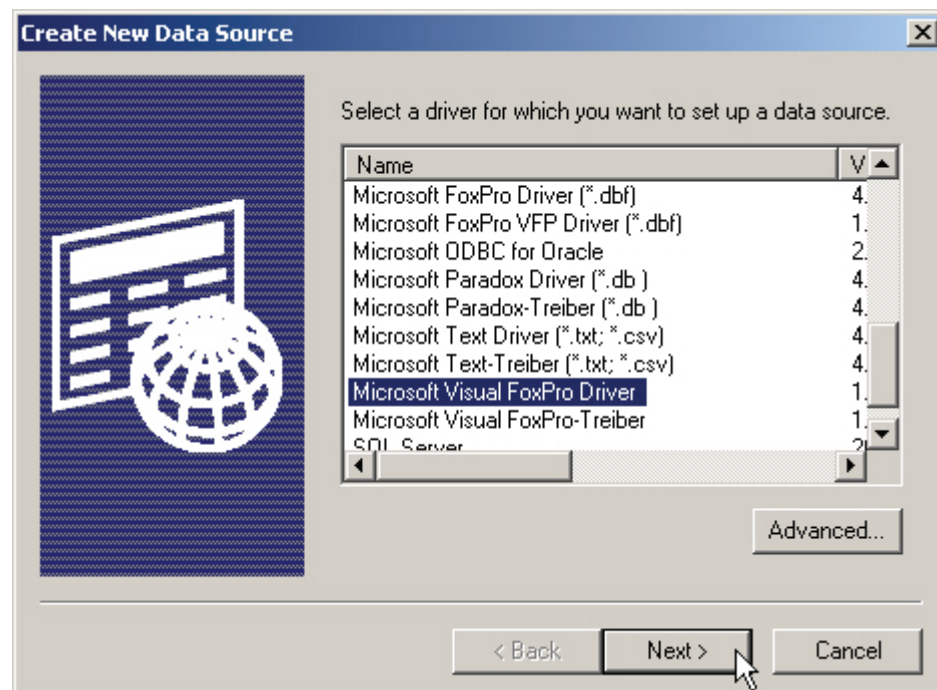
- Specify the following to connect to ODBC data:**
 - 1. Specify the source of data:**
 - ☐ Use data source name: A dropdown menu with a 'Refresh' button.
 - ☒ Use connection string: A 'Connection string:' label followed by a text box and a 'Build...' button. A mouse cursor is pointing at the 'Build...' button.
 - 2. Enter information to log on to the server:**
 - 'User name:' label followed by a text box.
 - 'Password:' label followed by a text box.
 - ☐ Blank password ☐ Allow saving password
 - 3. Enter the initial catalog to use:** A dropdown menu.
- Test Connection** button.

At the bottom of the dialog are three buttons: 'OK', 'Cancel', and 'Help'.

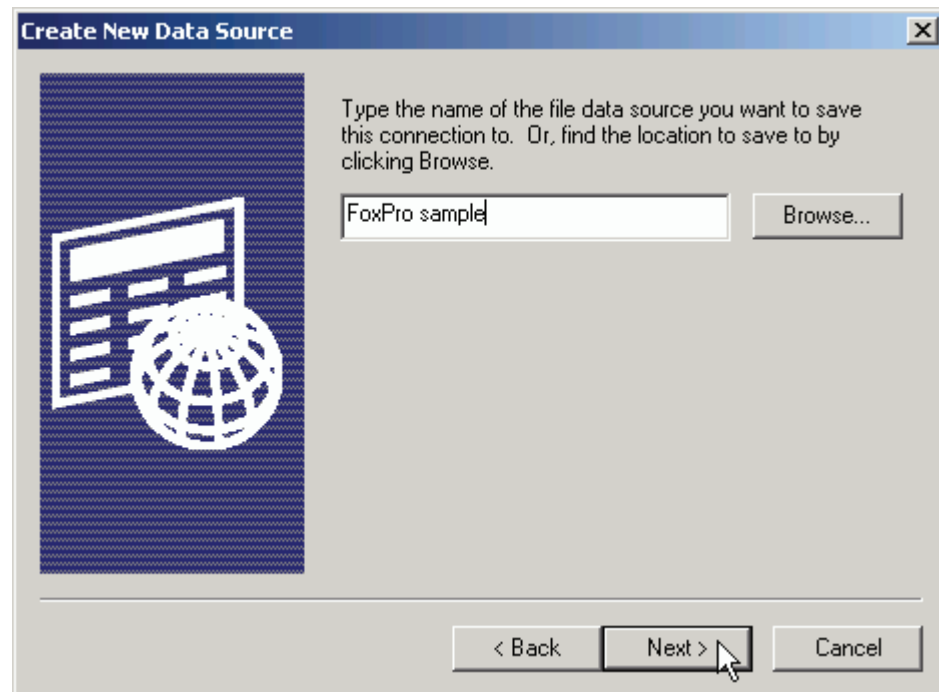
5. In the File Data Source tab, click [New] to create new data source.



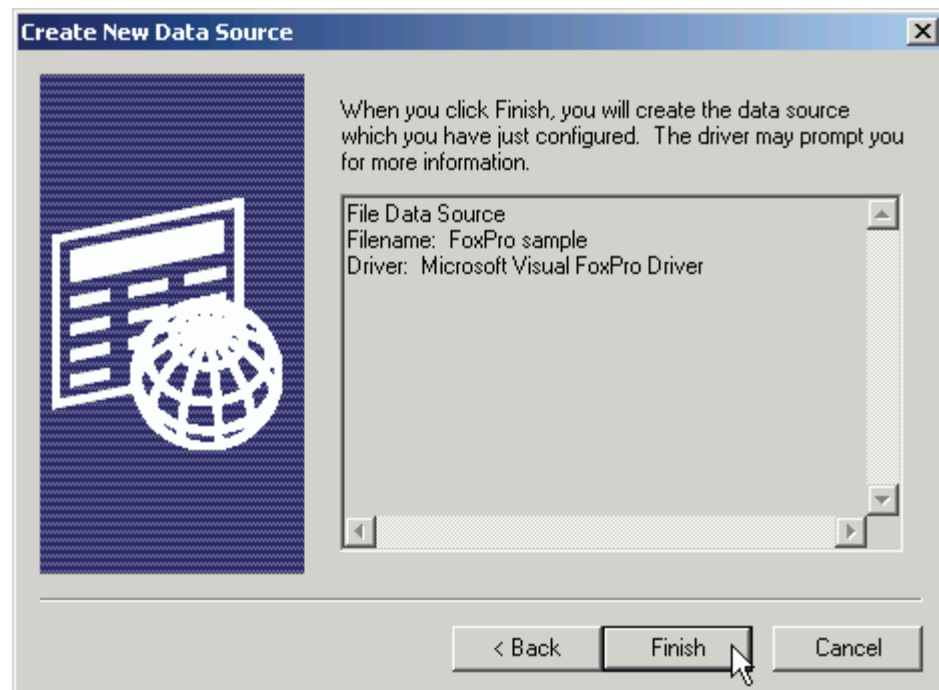
6. Select [Microsoft Visual FoxPro Driver] as the driver for your data source.
7. Click [Next].



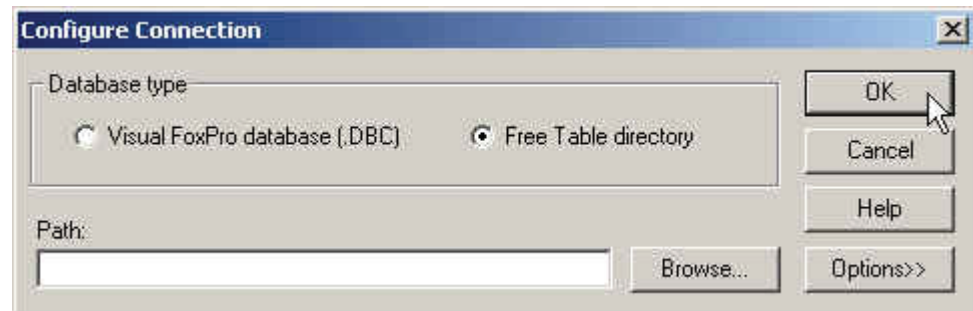
8. Specify new data source (ODBC File Data Source: *.DSN).
9. Click [Next].



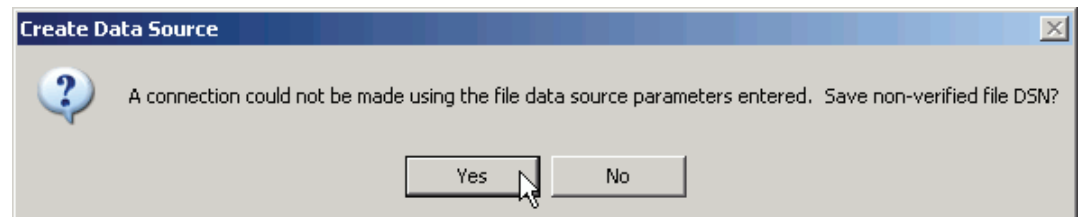
10. Click [Finish] when the configuration of database is completed.



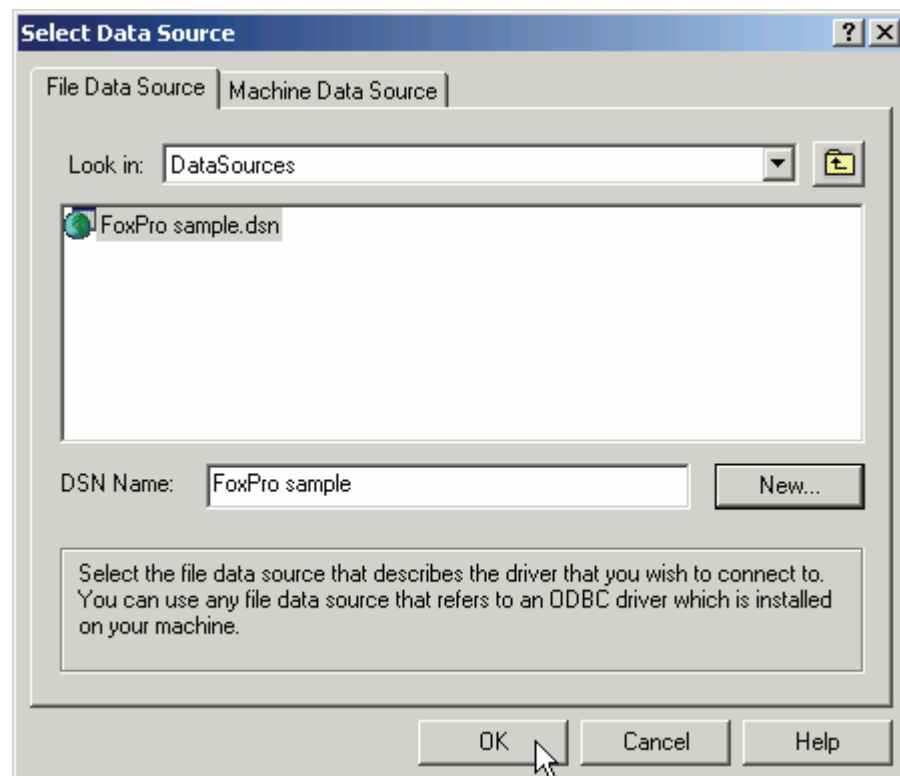
11. In the Configure Connection dialog box, select [Free Table directory].
12. Specify the database you want to connect to.
13. Click [OK].



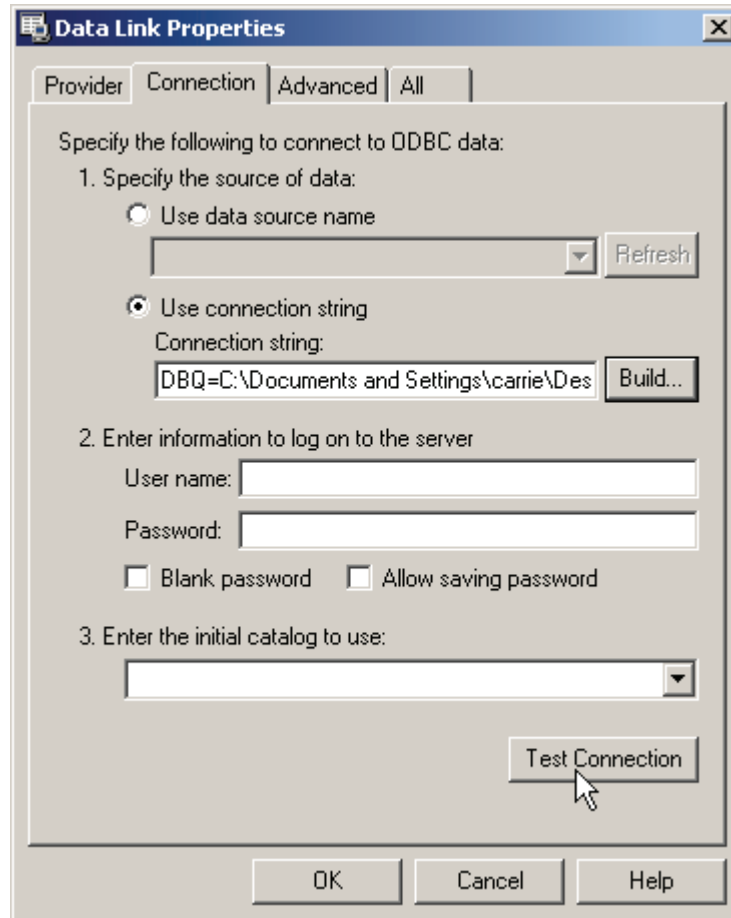
14. Click [OK] when the data source is created.



15. Click [OK] when the file data source is correct.

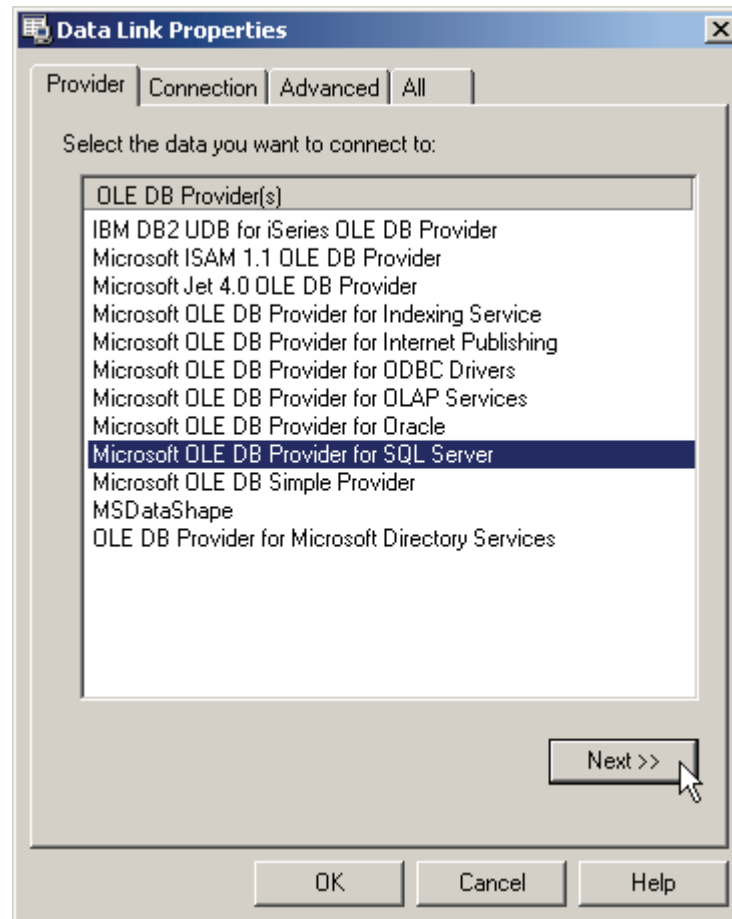


16. Again, click [OK] in the Configure Connection dialog box.
17. Click [Test Connection] to verify connection.
18. Click [OK] when initial connection is set up successfully.



SQL Server

1. In the Provider tab, select [Microsoft OLE DB Provider for SQL Server].
2. Click [Next >>].



3. In the Connection tab, provide required information.
 - 1. Select or enter a server name
 - 2. Enter information to log on to the server
 - 3. Select the database on the server
4. Click [Test Connection] to verify connection.
5. Click [OK] when initial connection is set up successfully.

The screenshot shows the 'Data Link Properties' dialog box with the 'Connection' tab selected. The dialog has four tabs: 'Provider', 'Connection', 'Advanced', and 'All'. The 'Connection' tab contains the following fields and options:

- Section: Specify the following to connect to SQL Server data:
 1. Select or enter a server name:
 - A text box with a dropdown arrow.
 - A 'Refresh' button.
 2. Enter information to log on to the server:
 - ☐ Use Windows NT Integrated security
 - ☒ Use a specific user name and password:
 - User name:
 - Password:
 - ☐ Blank password ☐ Allow saving password
 3. ☒ Select the database on the server:
 - A text box with a dropdown arrow.
 - ☐ Attach a database file as a database name:
 -
 - Using the filename: ...

At the bottom right of the dialog is a 'Test Connection' button. At the very bottom are 'OK', 'Cancel', and 'Help' buttons. A mouse cursor is pointing at the 'Test Connection' button.

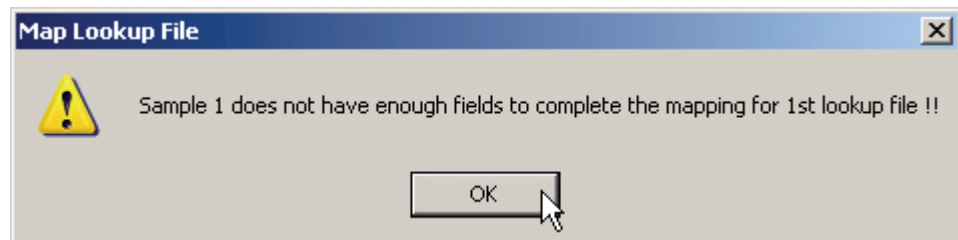
Map Lookup File

1. When being connected to database, make sure the mapping between the database and lookup file is correct.
 - The table (i.e. Sample 1) of database is mapped to the lookup file specified in the application template (ATF).
 - The database fields are automatically mapped to the data fields of the lookup file.

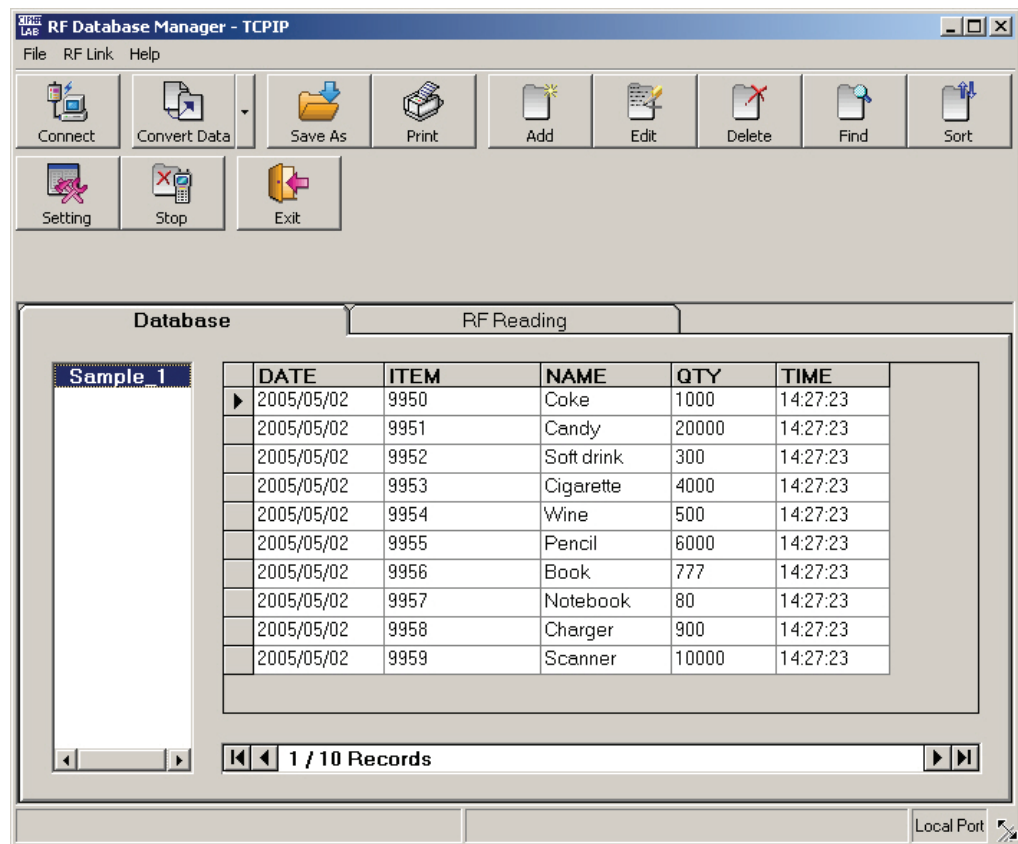
Field	Prompt	Data type
#1	DATE	yyyy/mm/dd+
#2	ITEM	text
#3	NAME	text
#4	QTY	integer
#5	TIME	+hh:mm:ss
#6		
#7		
#8		
#9		
#10		

Mapping field	Data type
DATE	adVarChar
ITEM	adVarChar
NAME	adVarChar
QTY	adInteger
TIME	adVarChar
DATE	
ITEM	
NAME	
QTY	
TIME	

2. If your database file doesn't have as many fields as the lookup file does, the following message will pop up.



- When data is mapped correctly, click [OK]. Data link to back-end database is set up successfully.

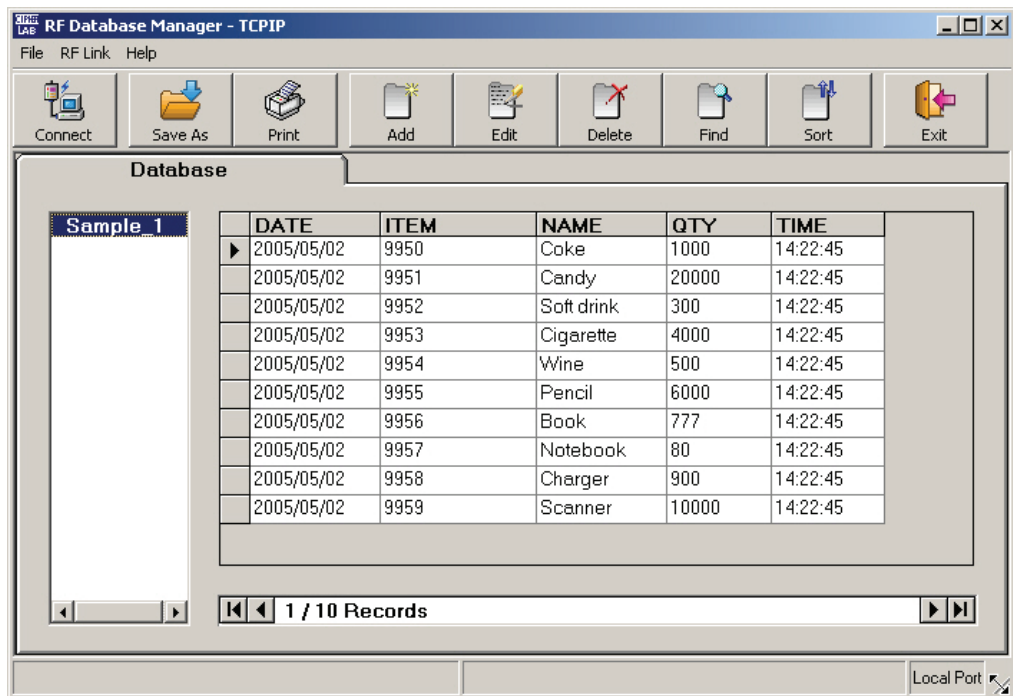


Start with Open Database

1. If the target database has been created earlier, you may simply click [Open Database].



2. The application window shows data records in the Database tab.



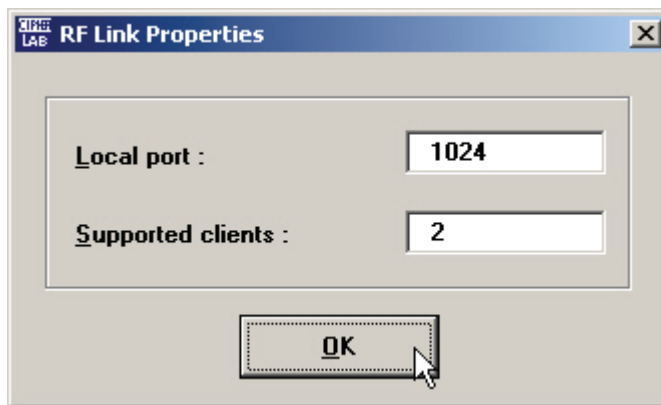
Note: Apply the same procedures for selecting the Open RF Reading command.

Set up Connection (RF Link)

1. Click [Connect] to open the COM port.

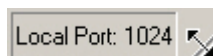


2. If you want to change the COM port settings, go to RF Link Menu > Properties. The COM Port Properties setting box will pop up. Click [OK] after configuration.

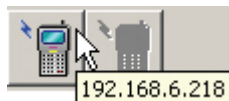


- Local port: The port number must be in the range of 1~32766.
- Supported clients: the quantity must be in the range of 1~100.

3. The COM port properties will be shown on the Status Bar when it is opened.



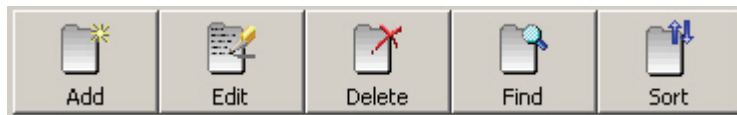
4. The system will auto detect any connected terminals (not exceeding the number of supported clients), and display symbolic icons on the Device Bar.



Editing

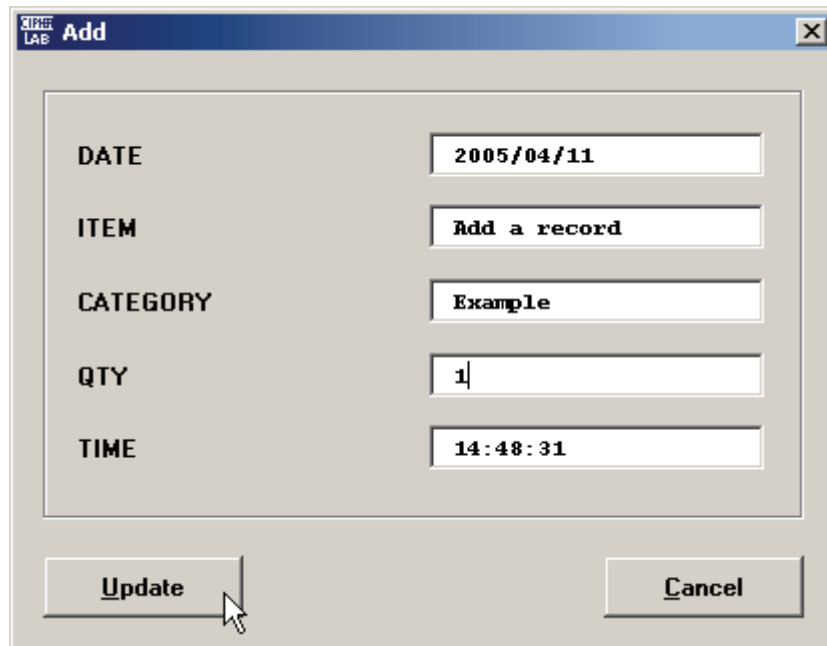
After executing one of the following commands to create a database, you can use the Editing Toolbar to manage the received data manually.

- Convert Data
- Open Database
- Data Link



Add a record

1. Click [Add].
2. The dialog box contains fields of a record for input.
3. When input is completed, click [Update].

A dialog box titled 'Add' with a close button (X) in the top right corner. It contains five input fields with labels on the left: 'DATE' with value '2005/04/11', 'ITEM' with value 'Add a record', 'CATEGORY' with value 'Example', 'QTY' with value '1', and 'TIME' with value '14:48:31'. At the bottom, there are two buttons: 'Update' and 'Cancel'. A mouse cursor is pointing at the 'Update' button.

4. The new record will be added to the bottom of the list.

	DATE	ITEM	CATEGORY	QTY	TIME
	2005/04/11	Coke	Grocery	11	14:33:01
	2005/04/11	Candy	Grocery	20000	11:20:49
	2005/04/11	Soft drink	Grocery	300	11:20:49
	2005/04/11	Cigarette	Grocery	4000	11:20:49
	2005/04/11	Wine	Grocery	500	11:20:49
	2005/04/11	Pencil	Grocery	6000	11:20:49
	2005/04/11	Book	Grocery	777	11:20:49
	2005/04/11	Notebook	Grocery	80	11:20:49
	2005/04/11	Charger	Grocery	900	11:20:49
	2005/04/11	Scanner	Grocery	10000	11:20:49
▶	2005/04/11	Add a record	Example	1	14:48:31

Edit a record

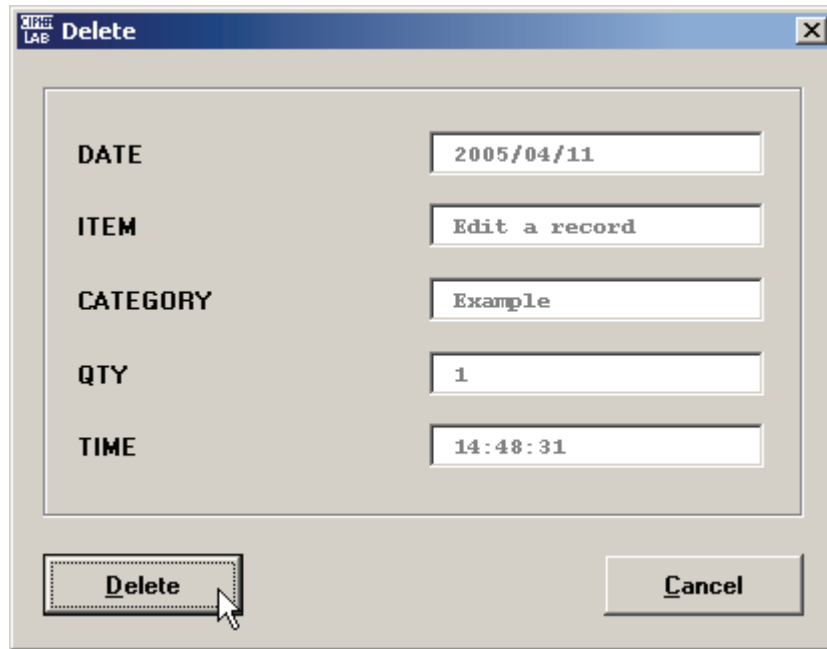
1. Click on any part of a record so that the triangular indicator (▶) points to the record.
2. Click [Edit].
3. The dialog box contains fields of a record for editing.
4. When input is completed, click [Update].

The screenshot shows a Windows-style dialog box titled "Edit". It contains five text input fields arranged vertically, each with a label to its left: "DATE" (containing "2005/04/11"), "ITEM" (containing "Edit a record"), "CATEGORY" (containing "Example"), "QTY" (containing "1"), and "TIME" (containing "14:48:31"). At the bottom of the dialog, there are two buttons: "Update" on the left and "Cancel" on the right. A mouse cursor is hovering over the "Update" button.

5. The edited field/s of the original record will be updated with new input.

Delete a record

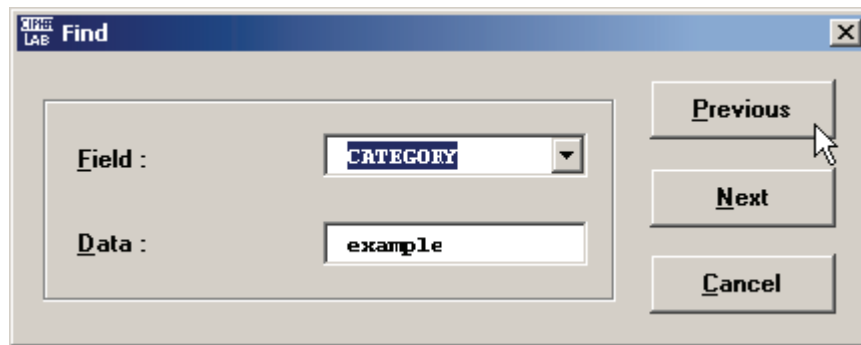
1. Click on any part of a record so that the triangular indicator (▶) points to the record.
2. Click [Delete].
3. The dialog box contains fields of a record (grayed out).
4. If this is the record you don't want, simply click [Delete].



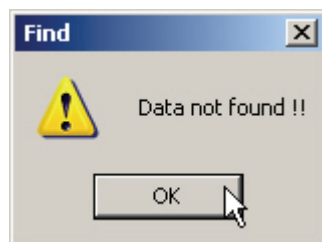
5. The record will be deleted for good.

Find a record

1. If you need to check on something on a long list, click [Find].
2. The dialog box contains several key fields (as many as one record contains) and its data content for specifying your requirements.
3. Click [Previous](records before the current item) or [Next](records after the current item) to start searching.

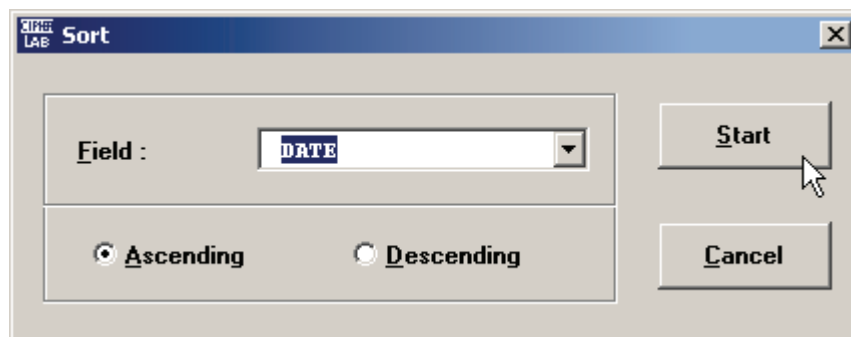


- When a certain record is found, you'll find the triangular indicator (▶) points to it.
- Otherwise, you'll be prompted with the following message.



Sort records

1. If you need to sort information on a long list, click [Sort].
2. The dialog box contains several key fields (as many as one record contains) and the sort methods (Ascending or Descending) for specifying your requirements.
3. Click [Start].



4. Examples:
 - Sorting by Name/Ascending

	DATE	ITEM	NAME ↓	QTY	TIME
►	2005/05/03	9956	Book	777	13:47:34
	2005/05/03	9951	Candy	20000	13:47:34
	2005/05/03	9958	Charger	900	13:47:34
	2005/05/03	9953	Cigarette	4000	13:47:34
	2005/05/03	9950	Coke	1000	13:47:34
	2005/05/03	9957	Notebook	80	13:47:34
	2005/05/03	9955	Pencil	6000	13:47:34
	2005/05/03	9959	Scanner	10000	13:47:34
	2005/05/03	9952	Soft drink	300	13:47:34
	2005/05/03	9954	Wine	500	13:47:34

- Sorting by Quantity/Descending

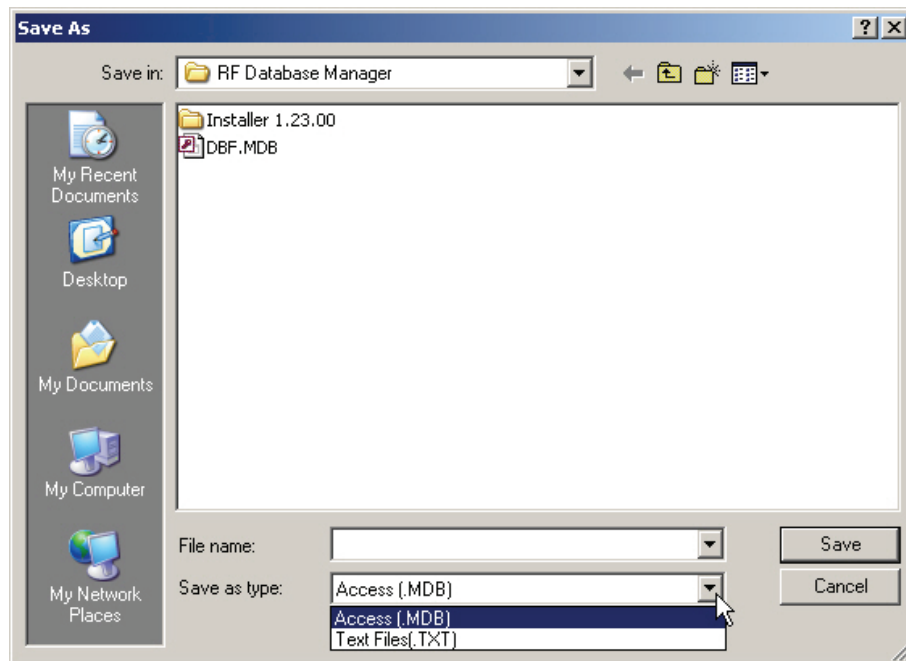
	DATE	ITEM	NAME	QTY ↓	TIME
►	2005/05/03	9951	Candy	20000	13:47:34
	2005/05/03	9959	Scanner	10000	13:47:34
	2005/05/03	9955	Pencil	6000	13:47:34
	2005/05/03	9953	Cigarette	4000	13:47:34
	2005/05/03	9950	Coke	1000	13:47:34
	2005/05/03	9958	Charger	900	13:47:34
	2005/05/03	9956	Book	777	13:47:34
	2005/05/03	9954	Wine	500	13:47:34
	2005/05/03	9952	Soft drink	300	13:47:34
	2005/05/03	9957	Notebook	80	13:47:34

Save As

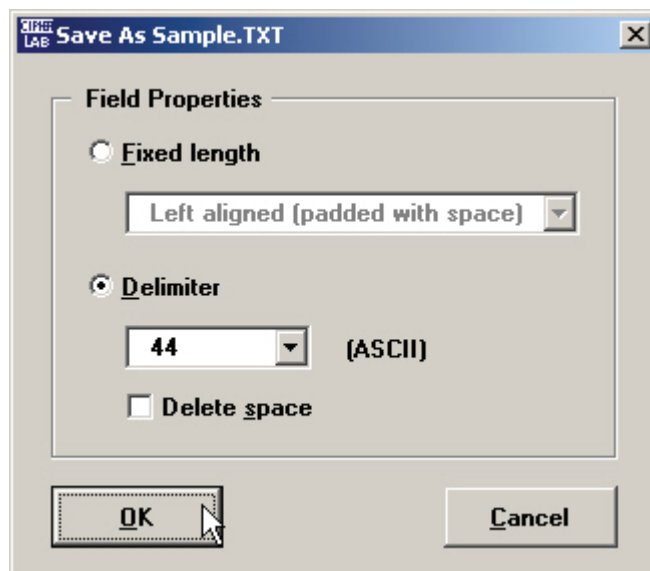
In the Database tab, the received data can be saved in two different file formats:

- Access (.mdb)
- Text File (.txt)

1. Click [Save As].



2. If you open a database by using [Data Link], you'll have to configure its field properties before saving it as a text file (.txt).



3. Select an appropriate file format, and enter the file name.
4. Click [Save].

Print

1. Select a data sheet from the Database tab.
2. Click [Print] to set properties. (see below)
3. In the print properties, click [Print] to select printer.

Print Properties

In the Database tab, you can print out the received data. Before you print, you may configure the layout settings to meet your needs.

Print

Report

Title : Sample 1

Person :

Space (mm)

Field : 0.35

Line : 1.76

Field (mm)

Width : 20.28

Height : 6.08

Margin (mm)

Top : 3.53 Bottom : 7.94

Left : 1.76 Right : 3

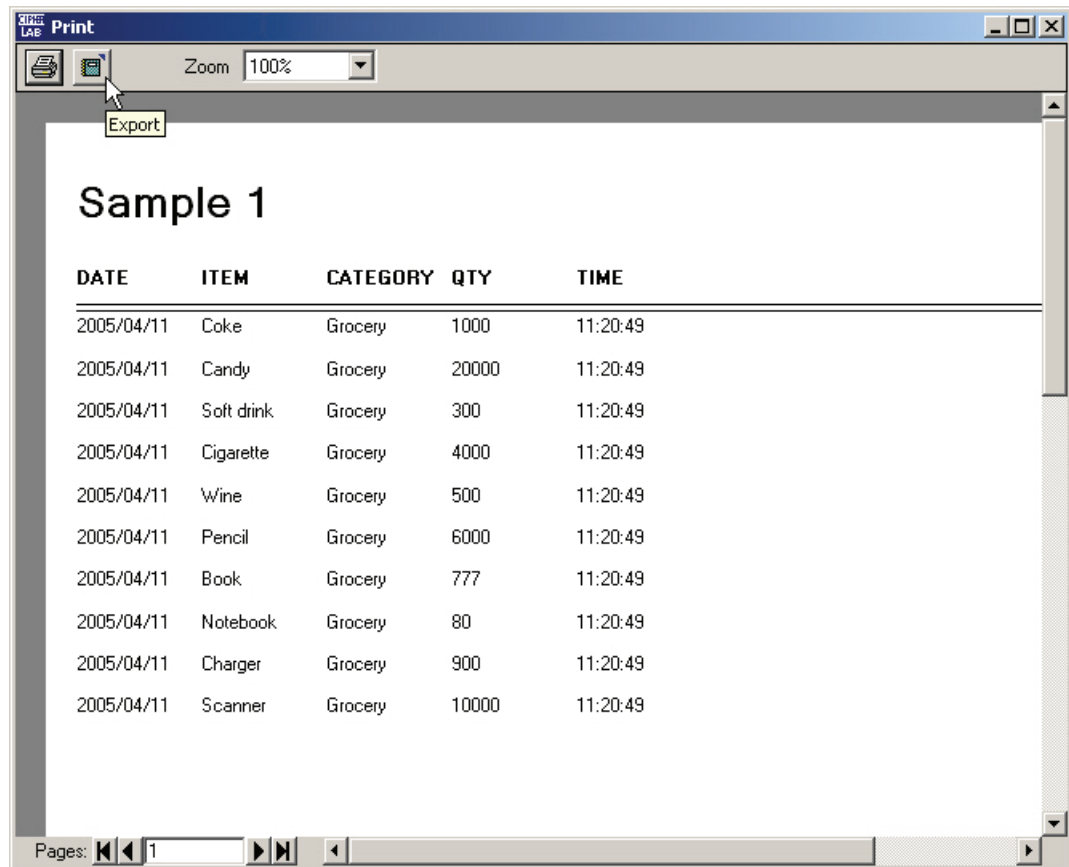
Preview Print Cancel

Option	Description
Report	♦ Title: of the printout, optional
	♦ Person: who produced the printout, optional

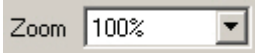
- | | |
|---------------|---|
| Space | <ul style="list-style-type: none">♦ Field: space between fields, in millimeter♦ Line: space between lines or records, in millimeter |
| Field | <ul style="list-style-type: none">♦ Width: of each field, in millimeter♦ Height: of each field, in millimeter |
| Margin | <ul style="list-style-type: none">♦ Top: margin size from top to the edge of paper, in millimeter♦ Bottom: margin size from bottom to the edge of paper, in millimeter♦ Left: margin size from left to the edge of paper, in millimeter♦ Right: margin size from right to the edge of paper, in millimeter |

Preview


You may click [Preview] to take a glance at the printout.




Zooming

Click the drop-down menu  to select an appropriate preview size.

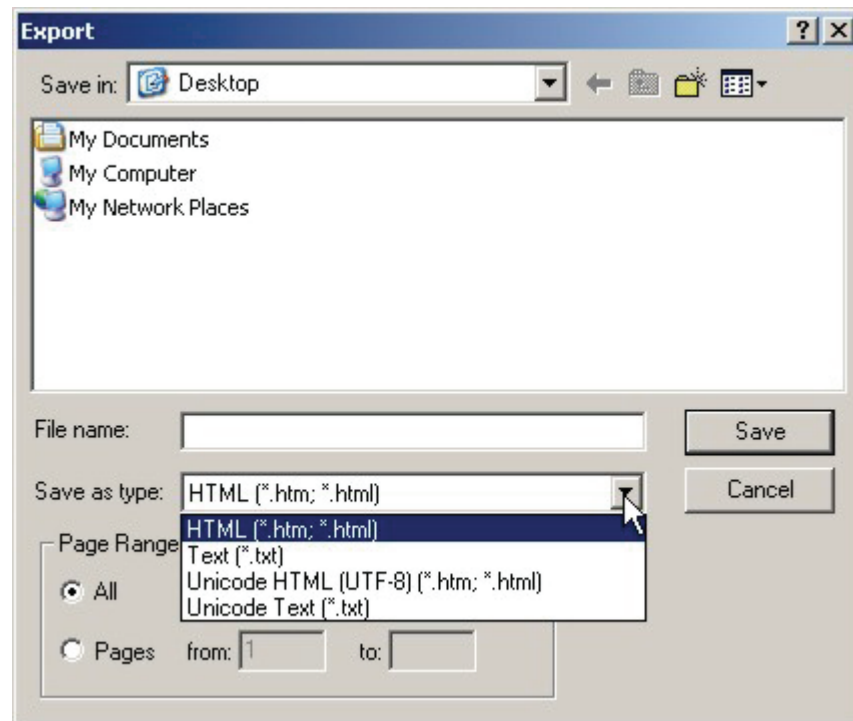
Print

When the print layout satisfies your needs, simply click  to print.

Export

You may click  to export it (all or by page) to different file formats.

- HTML (*.htm; *.html)
- Text (*.txt)
- Unicode HTML (UTF-8)(*.htm; *.html)
- Unicode Text (*.txt)



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