

Intensecomp Pte Ltd
RFID Sample Applications
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Table of Contents

INTENSECOMP RFID SAMPLE APPLICATIONS	3
RFID SAMPLE APPLICATION 1.....	4
<i>InISOReader</i>	4
RFID SAMPLE APPLICATION 2.....	6
<i>Employee Profile Application</i>	6
Configure a User Card	7
User Information Display	8
Delete a User.....	8
RFID SAMPLE APPLICATION 3.....	9
<i>Time Management Application</i>	9
Registering a User.....	10
Delete User.....	11
Time Logging.....	11
Show Report.....	11

RFID Sample Application 1

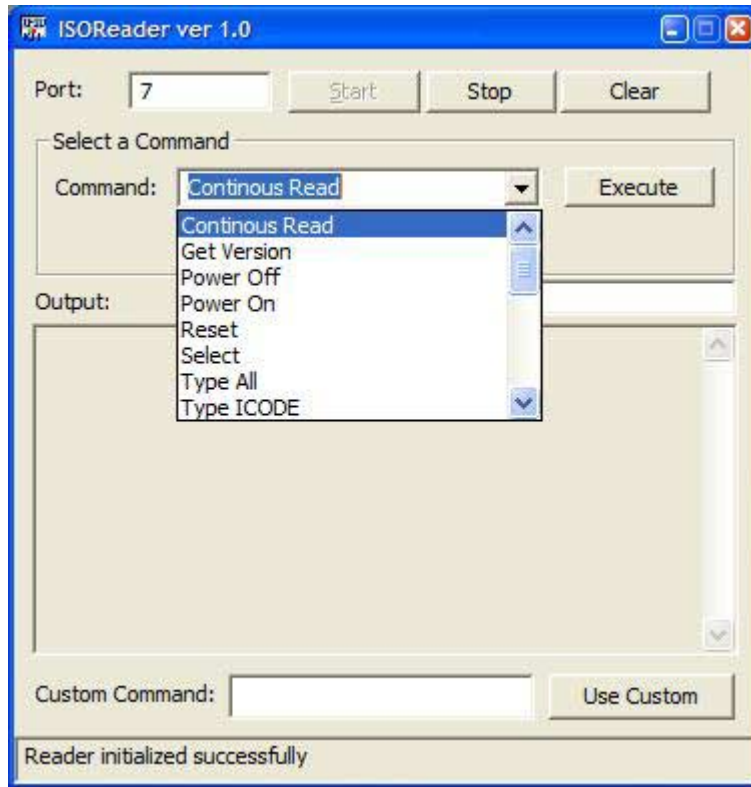
InISOReader

This application is a sample application designed to show the usability of all functionalities in InRFID ActiveX Control.



- i. To use InISOReader, enter the serial port number where the RFID is connected. For example, if the reader is connected to COM1, enter 1.
- ii. Click **START** to initialize and start the reader.
- iii. **STOP** button is used to stop the communication between the PC and RFID reader.
- iv. **CLEAR** button is used to clear the output screen.

- v. **EXECUTE** button is used to execute the selected commands.
- vi. The commands shown on screen as similar to the functionalities in each ActiveX control commands. For more details about the usage of the command, please refer to the ActiveX control manuals.

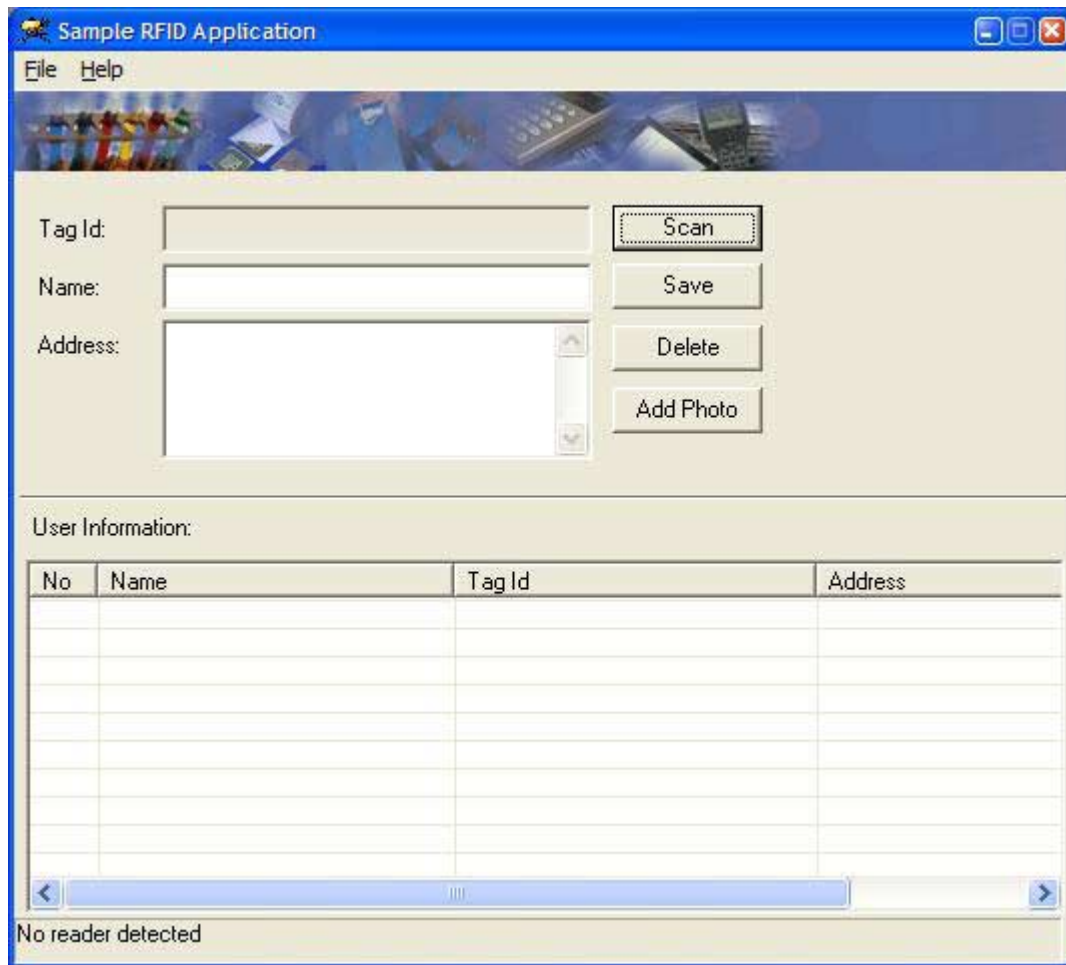


RFID Sample Application 2

Employee Profile Application

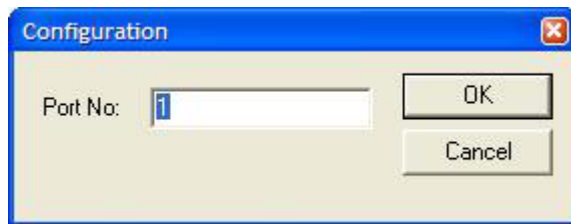
(Scan Card)

ScanCard is a simple application designed to show how to link information related to individual such as name, address and photo to RFID card.



To start to use ScanCard, please ensure that the RFID reader is connected properly to the PC serial port. Click File > Config to configure the serial port number.

Port Configuration



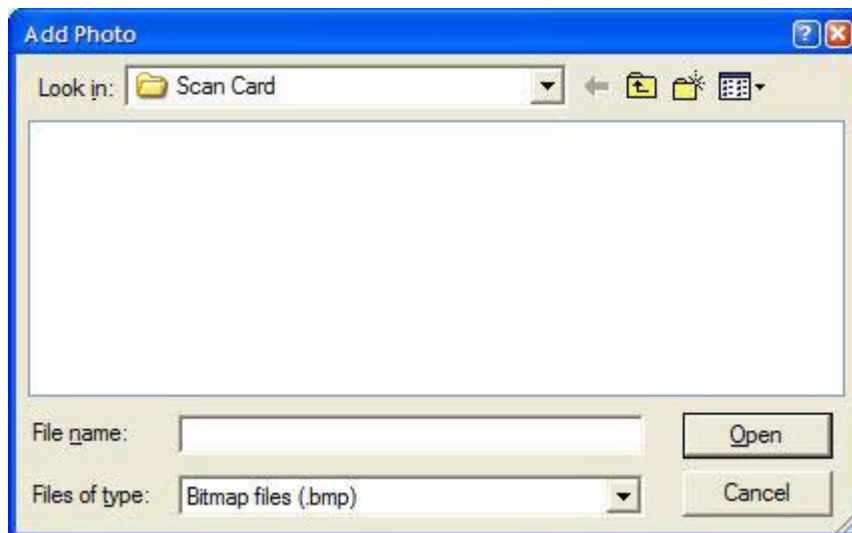
Enter port number into the box defined. For example, if the RFID reader is connected to COM1, enter 1. Click Ok to continue.

Configure a User Card

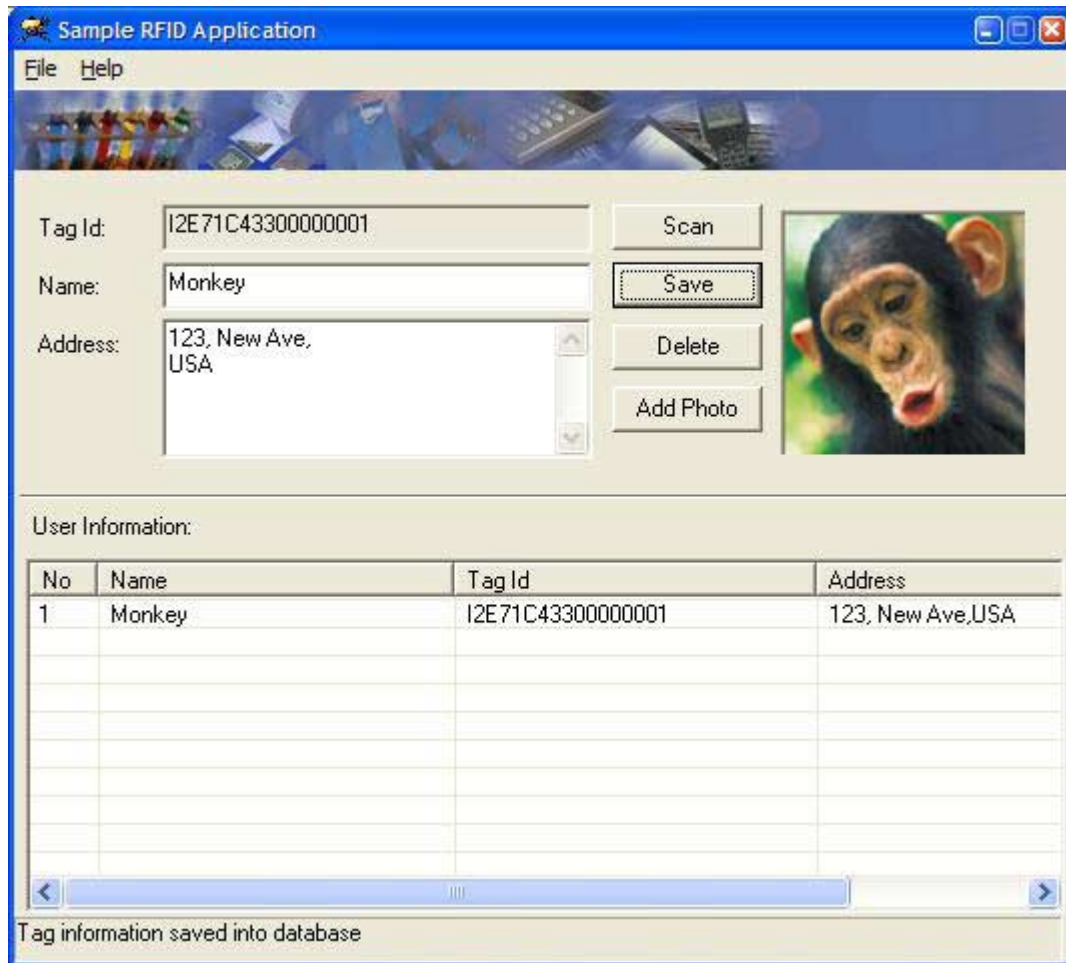
To configure a user card, place the RFID card on the RFID reader. Click **SCAN**. If the scanned card is a new card and not found in the database, the system will prompt for user to enter and save new information into the database.

Enter Name and Address.

To link a photo, click **ADD PHOTO** button.



Select the file to be linked to the RFID card. Click **OPEN** to continue. To cancel the operation, click **CANCEL**.

User Information Display

The screenshot shows a window titled "Sample RFID Application" with a menu bar containing "File" and "Help". The main area has a decorative header with images of RFID tags and a scanner. Below this, there are input fields for "Tag Id:" (containing "I2E71C43300000001"), "Name:" (containing "Monkey"), and "Address:" (containing "123, New Ave, USA"). To the right of these fields are buttons for "Scan", "Save", "Delete", and "Add Photo". A small photo of a monkey is displayed to the right of the "Add Photo" button. Below the input fields is a section titled "User Information:" containing a table with the following data:

No	Name	Tag Id	Address
1	Monkey	I2E71C43300000001	123, New Ave,USA

At the bottom of the window, a status bar displays the message "Tag information saved into database".

Upon successful saving of information into the database, the user information will be shown in the User Information list.

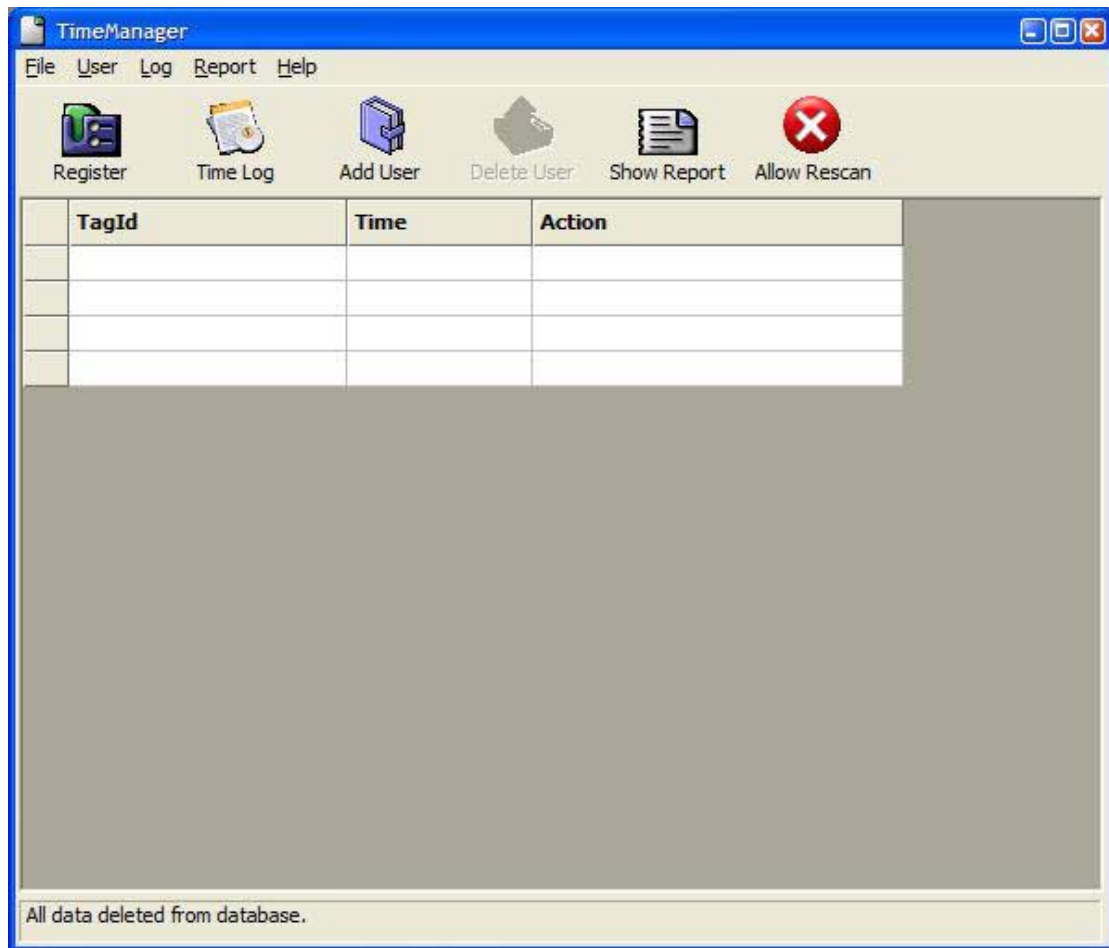
Delete a User

To delete a user, place the user card on the RFID reader. Click SCAN. If the item is in the database, click DELETE. Selected information will be deleted permanently for the database.

RFID Sample Application 3

Time Management Application

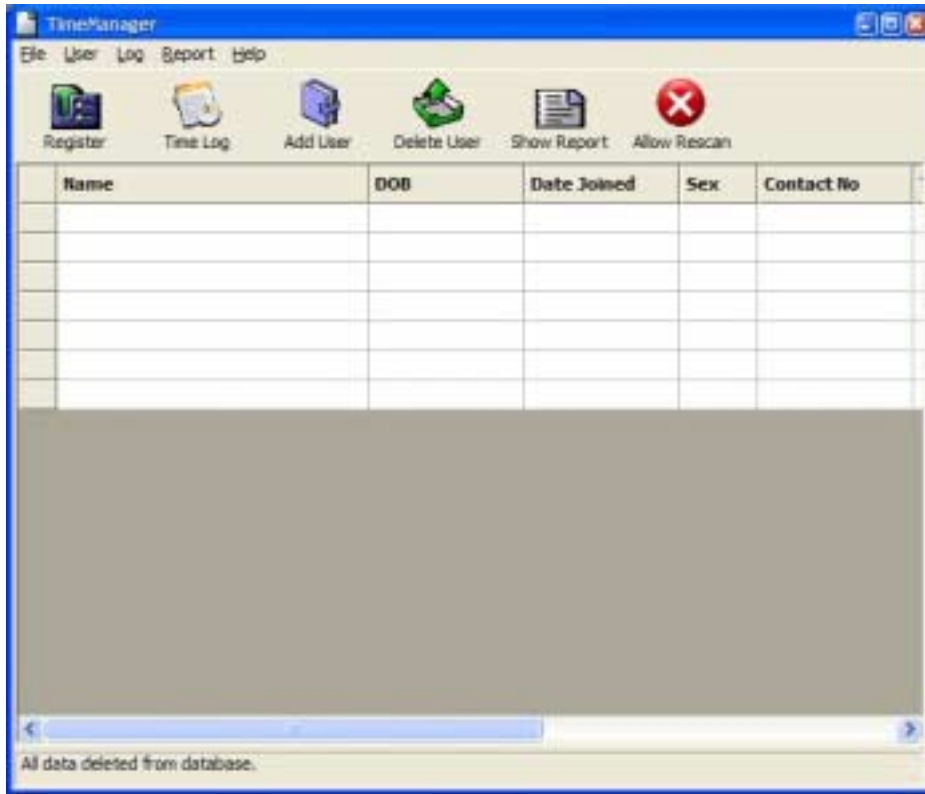
TimeManager is designed to allow time attendance and management functionalities to be shown using InRFID ActiveX control.



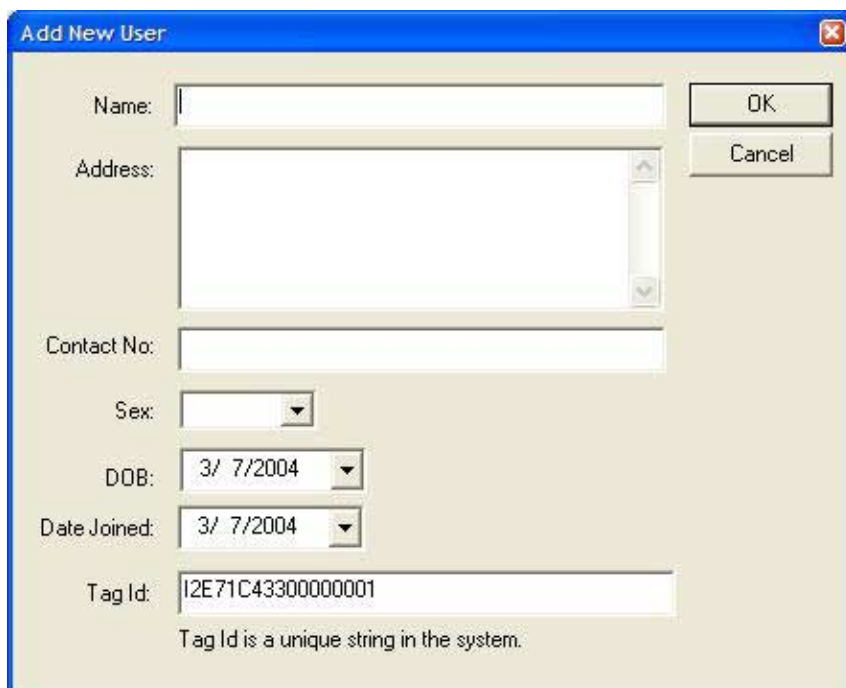
- i. Configure the serial communication port through, File > Config similar to previous application.
- ii. For example, COM1, enter 1 into the Port No box.
- iii. Restart the application after entering the communication port. Ensure the RFID reader is connected.

Registering a User

To use TimeManager, every user must be registered. Registration is done by clicking REGISTER button.



Place a RFID card on the reader. Tag Id of the card will be shown in the status bar. To add a user, click ADD USER.



Enter all the information:

Name,
Address,
Contact No,
Sex
Date of Birth (DOB)
Date Joined
Tag Id

Note: TagId will be retrieved from the last card place on the reader.

Delete User

To delete a user, select the user in the list. Click **DELETE USER**

Time Logging

To capture IN/OUT information for time attendance, run this application. The application will capture the information in the background. Scan a card and you will noticed that the information will be captured including date time and also action such as In or Out.

Show Report

There is a built-in report function in this application. Report is created via MS-Access. Click SHOW REPORT

