

*Warp***X** Suit 2008

Users' Manual

Version 1.0 Pre-released 080827

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About Warp3G series

Warp3G series are Web Base biometric access control and time attendance device with awarded winning algorithms (FVC2004 and FVC2006) and integrates both fingerprint and RFID card system into one device. Warp3 can replace an existing system or be added to an existing access control and time attendance system with ease. Warp3G is equipped with fast one to many fingerprint identification engines. Enrolled with more than hundreds of users, identification can be done in less than one second.

With external smart relay device, it can accept external wiegand device to act as card reader for out direction.

About This Manual

This is an introduction to operation of Warp 3 Series device, This manual describes how to manage templates, property adjust relevant parameters, enroll or delete templates, etc. The purpose of this manual is to provide instruction to using Warp3 and troubleshooting tips.

| Date | Version | Remark | Writer |
|------------|--------------------|--------|---------|
| 2008-08-27 | V.1.0 pre-released | Create | Saiyont |
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Revision History

WarpX_Client Software

| Version | Date | Description |
|------------|------------|--|
| V.1.0.0.0 | 2007.08.19 | Created. |
| V.1.2.0.0 | 2007.12.01 | Add support for Access control . Add Time Set, Time zone, Group |
| V1.2.1.0 | 2008.02.03 | Add support for User's Group. Add admin monitor log. |
| V1.2.1.3 | 2008.03.04 | Add support for Warp Server V.1.0.0.0 Add support for Warp3 and card system. Add Door list Add Map zone Add Server Zone support Add support for Warp Map |
| V.1.2.1.4 | 2008.08.15 | Add support to WarpServer V.1.2.0.0-1 Add system backup and restore function. Change Fingerprint enrollment checker. Add WarpReset to reset the database directory and default setting. Add simple time attendance system. |
| V.1.2.1.4B | 2008.08.26 | Fix bug on the Web Config Page Support INI and Reg version |

Warp Server

| Version | Date | Description |
|-----------|------------|--|
| V.1.0.0.0 | 2008.01.12 | Created. |
| V.1.2.0.0 | 2008.03.01 | TCP/IP Pulling mode created. |
| V1.2.0.1 | 2008.02.03 | Full Server mode created. Auto detect door status . Auto setup for full transaction pull over back up. |
| | | |

Warp Monitor

| Version | Date | Description |
|-----------|------------|--|
| V.1.0.0.0 | 2008.02.12 | Created. |
| V1.0.0.1P | 20080827 | Add support for multi-door Warp4 Series and system config button |

1. Getting Started

1.1. Out Line

This manual illustrates how to use WarpX software. WarpX is a PC windows software for control and management of Thai printex's Warp 3 series and Warp4 series products. WarpX includes various functions needed for a host station for applications of access control and time& attendance using these devices.

For proper hardware connection, please refer to Warp3 installation manual.

There are three approaches in managing Warp3 series:

- Using Warp3's own Web base application. By using IE (Internet Explorer) , user can access web base management page via correct user name and password. Please refer to "Warp3_Web User Manual. PDF"
- Using WarpX_Client, Warp Server and WarpMonitor program which are the management software running on Windows based PC platforms. This manual is mainly focused on operating Warp3 series using WarpX software.
- Integrating the management functionality into customer's application software using SDK.

1.2. Fundamentals

This chapter provides introductive information on Warp3 series and WarpX software including basic concepts, operation flow, and overview of the software

1.2.1. Finger scan device

Warp3G is equipped with Fingerprint scan device to authenticate the identity of each person using fingerprints. It can be easily integrated into access control system by connecting with access control panel through industry standard interface such as Wiegand interface. Since fingerprints contain biometric features which are unique for each person, fingerprint access device can be substituted for existing access devices, such as barcode, magnetic card, keypad, or RF card devices , with high security and efficiency.

1.2.2. Template

A template is the binary data representing the features of each fingerprint. The fingerprint image acquired from a fingerprint sensor is converted to a template, which is stored on the memory of the fingerprint access device or on user's smart card. In authenticating a user, a new template is also generated and compared with the stored templates.

1.2.3. Enrollment

Enrollment is the process to store the fingerprint template with user information. Through enrollment process, new users are entered into the system.

1.2.4. Verification

Verification is the process of authenticating an input fingerprint with the fingerprint of the specified user. On Warp3G, user places card containing card ID. Then, the device carries out verification process by scanning an input fingerprint.

1.2.5. Identification

Identification is the process of searching a matched fingerprint among the stored fingerprints on the device. Warp3G basically operate in identification mode, which requires on additional input except the placement of a finger.

1.2.6. User Database

User Database includes user ID, user name, fingerprint templates and so on. WarpX software is based on the central management of user database. That is the user database is created, updated and stored on the host PC. Then , it is selectively distributed to the Warp3 series device connected on the network using transfer menu.

1.2.7. Transfer

Transfer to Device is used to transfer the user database of the host PC to Warp3 series device. The user information such as User ID, templates, access group is transferred by this process.

1.2.8. Download

Download from Device is used to upload the user information from warp3 device to the database of host PC. The user information such as User ID, Template, Access group can be uploaded by this process

1.3. How to place a finger

1.3.1. Select a finger to enroll

- It is recommended to use an index finger or a middle finger
- Thumb, ring or little finger is relatively more difficult to place in a correct position.

1.3.2. How to place a finger on a sensor

- Place a finger as it completely covers the sensor with maximum contact.
- It is better to place the core part of a fingerprint to the center of a sensor
 - People usually tend to place only the top end of a finger
 - Where is the core of a fingerprint?
 - A peak where spirals of fingerprint ridges are dense
 - Usually opposite to lower part of a nail
 - It is recommended to place a finger as the lower part of the nail is located at the center of the sensor
- If a finger is placed as in the right picture, only a small area of a finger is captured. So it is recommended to place a finger as I the left picture.



1.3.3. Tips for different finger conditions

Our fingerprint products are designed to scan fingerprint smoothly regardless of the conditions of a finger skin. However, if a fingerprint is difficult to scan due to other influences, places refer to the following tips.

- If a finger is stained with sweat or water, scan after wiping moisture off.
- If a finger is covered with dust or impurities, scan after wiping them off.
- If a finger is way too dry, scan after blowing warm breath on a fingertip.

1.3.4. Advices on fingerprint enrollment

- In fingerprint recognition, enrollment process is very important. Therefore, when enrolling a fingerprint, please try to place a finger correctly with care.
- In case of low acceptance ratio, the following actions are recommended.
 - Delete enrolled fingerprints and re-enroll the fingers.

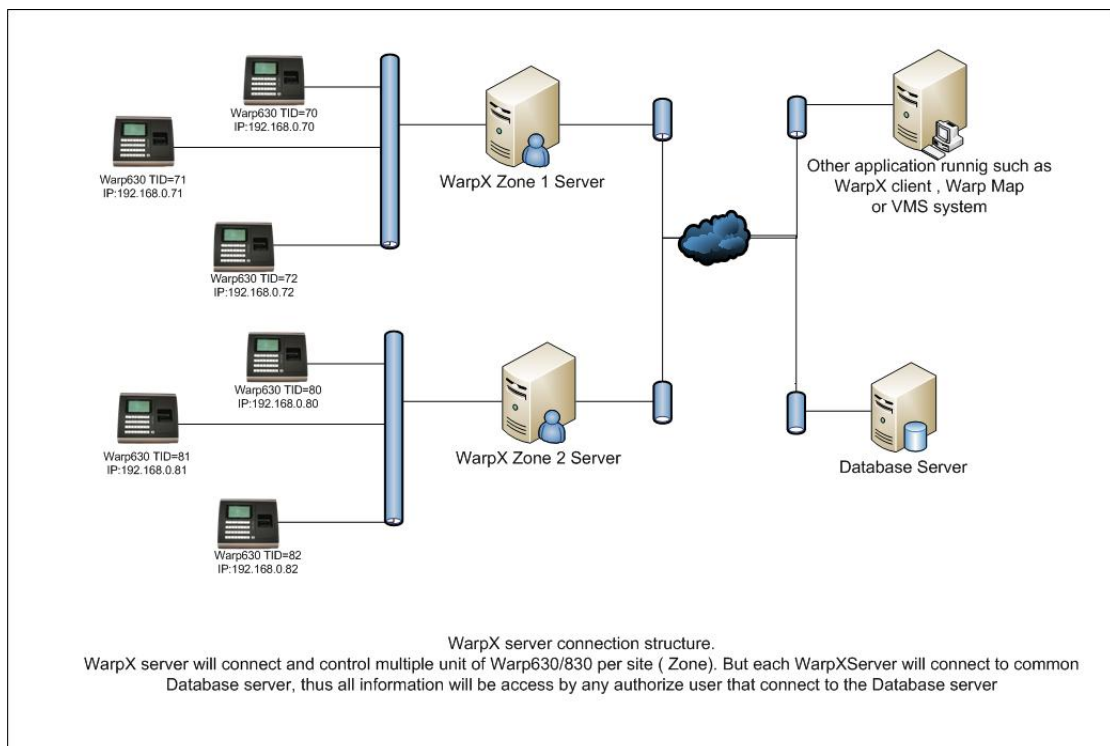
- Enroll the same finger additionally
- Try with another finger if a finger is not easy to enroll due to scar or worn-out.
- For the case when an enrolled fingerprint can't be used due to scar or holding a baggage, it is recommended to enroll more than one finger.

1.4. Concept of WarpX Software

WarpX software can act as standalone software mode and server mode. In standalone mode, WarpX standalone is needed only.

In Server mode, Warp server and WarpMonitor is optional. In this mode, WarpX_Client act as control panel software where you can configure all necessary parameter to the system.

Warp Server act as zone server where you can issues each device to a zone server using WarpX_Client. On other hand, warp server will automatically stored logs from the zone device to the database of the system real-time.



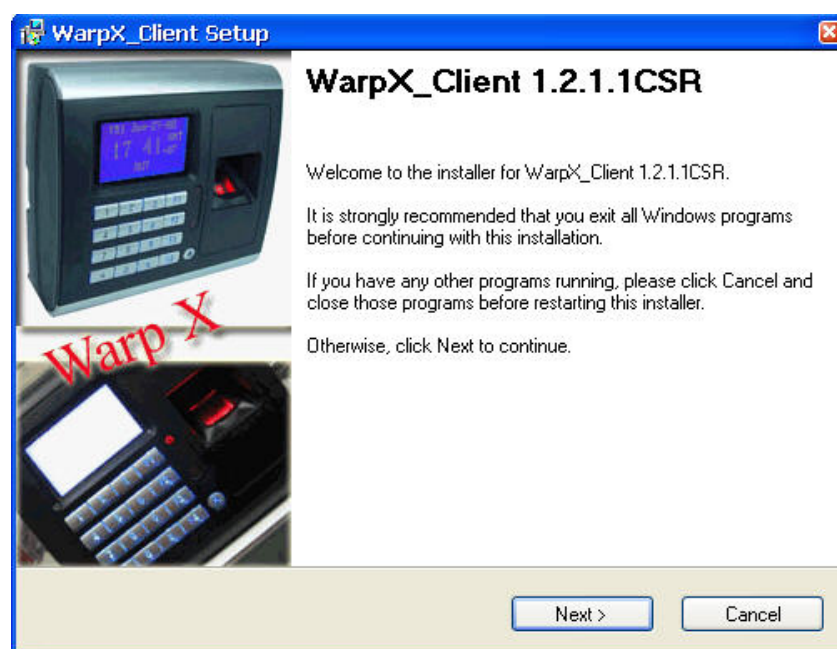
1.5. Software installation

The WarpX_Client program can be install automatically by installation program. (warpx_cleint.exe)

The WarpX CD contents all program that is necessary. (WarpServer and WarpMonitor is equipped in Server base).

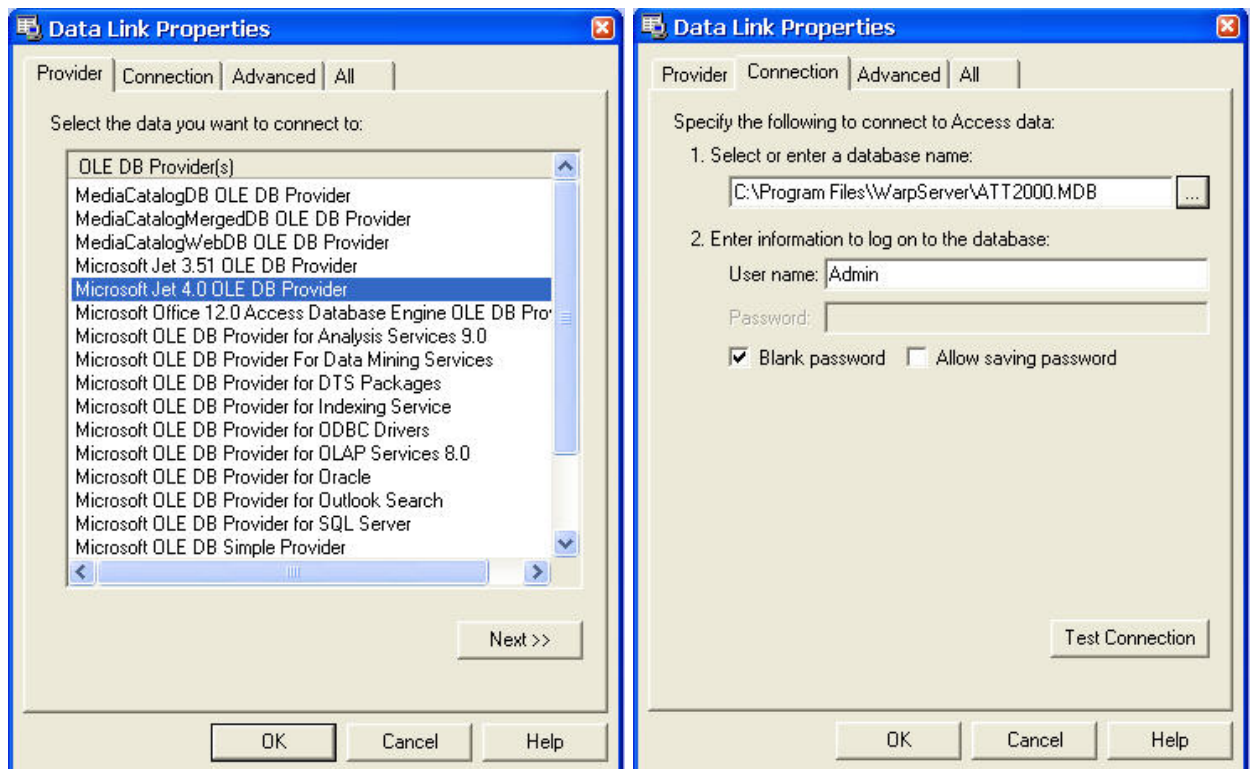


First install **WarpX_client** program, then **Warp Server** and **Warp Monitor** after. After installed the entire program, please start WarpX_Client program first.



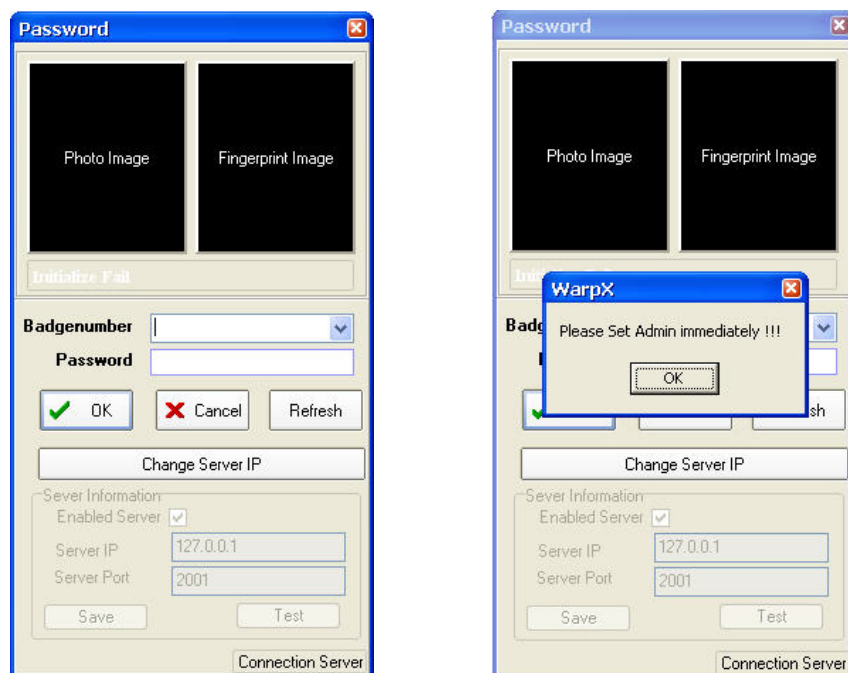
1.6. WarpX_Client Database

For the first time running WarpX_Client program, it will ask you to select database.

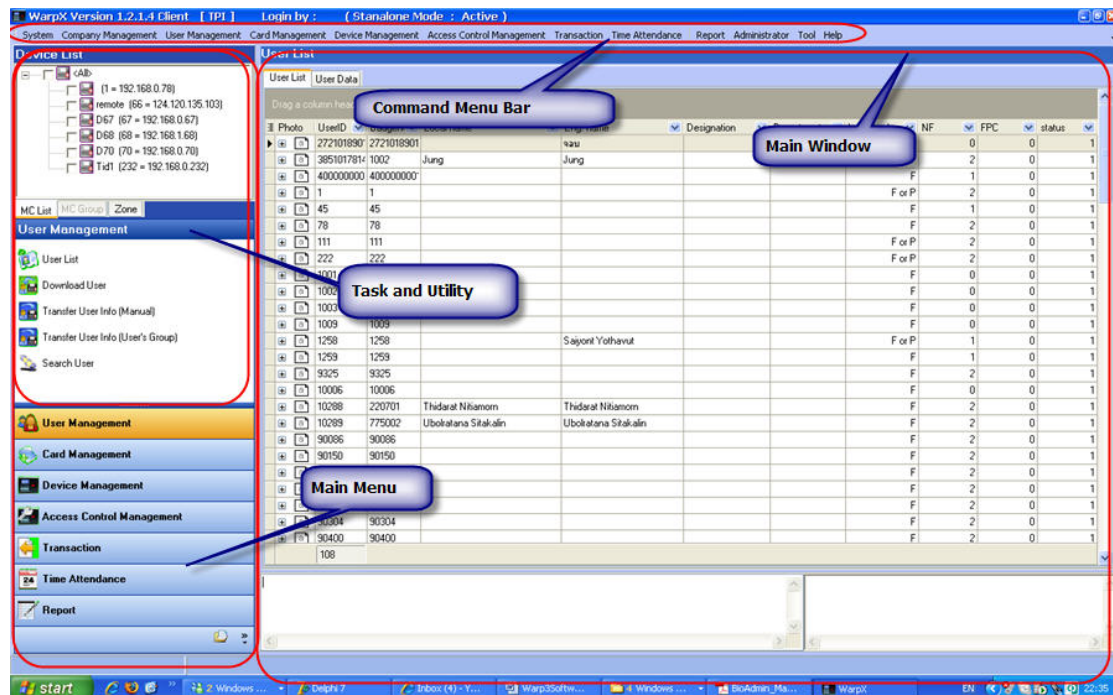


Choose, Microsoft Jet 4.0 OLE DB Provider and 'ATT2000.MDB' on the 'C:\Program Files\WarpServer\' directory by default.

1.7. WarpX_Client Main Window



When enter the program for the first time, press [Enter] 2 times to bypass the password authentication process. The main windows will pop up.



1.7.1. Command Menu Bar

Command menu bar contains command items support by WarpX_client software, which is grouped into 12 categories:

- **System:** Setup Database, Other Database, Preference, Language, About, Database management and close.
- **Company Management:** Designation, Department, Section, Position and Transfer Management.
- **User Management:** User List, Download User, Transfer User Info (manual), Transfer User info (user's Group) , Search User and Duplicate Fingerprint checker.
- **Card Management:** Card List, Card User List.
- **Device Management:** Add Device, Edit Device, Delete Device, Search IP, Door Unlock, Door Lock, Add Door , Add Map Zone, Add Zone(server)
- **Access Control Management:** Time Set, Time Zone, Group Setup, Holiday Setup, User's Group Setup, Transfer Access Data to Device, Download Access Data from Device, Web base Config.
- **Transaction :** Download Log, Import Logs From Text File
- **Time Attendance:** Time Table, Schedule work, Holiday Time, Calculate Time Attendance.
- **Report:** Text file setup, Time Attendance report, Access control report, card report, add data report.

- **Administrator:** Admin Setup, Admin log report.
- **Tools:** Import user.
- **Help:** Help Manual.

1.7.2. Main Menu

Major command menus can be accessed by buttons on the left pane, such as user management, device management, access control, time attendance, transaction, report.

1.7.3. Task list

Task window shows sub-menus for the selected main menu.

Utility window show the User selection tool, Device tree, and log filtering tool.

1.7.4. Main window

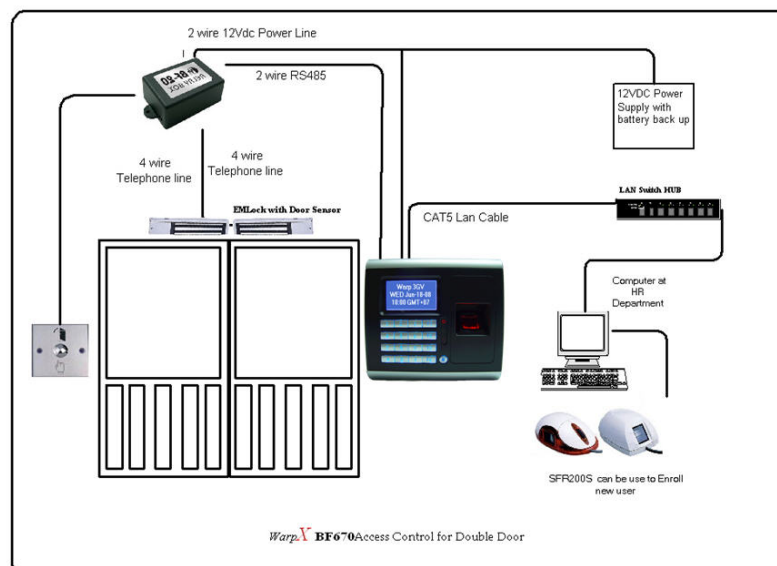
On each command menu, relevant information is updated on the main Retrieved information from currently selected device.

- Information stored on host PC, such as user database or log data.
- Controls to manage or to configure the information

2. Quick Start

This chapter explains basic procedures of operation Warp3 series device integrated with external system.

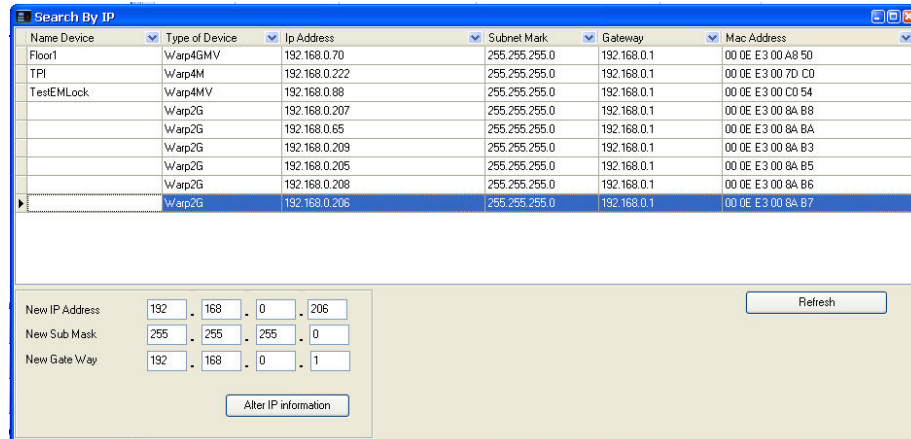
2.1. Step 1: HW Installation



Warp3 series can be networked by cable LAN.

2.2. Step 2: Search new device

- Run WarpX_Client
- Enter Login ID and password [Blank if no Admin assigned yet]
- On Main Menu, choose [Device Management]. On [Task and Utility] choose [Search IP Address of Device]



- Here you will see the list of all devices that is connected on the system. User can always change the IP address on the device by alter the information on the lower left hand Group box and press [Alter IP information] button to proceed.
- Double click onto the list to open the web browser for the device.



- Enter 'admin' for both username and password by default. User can always change it later on the Administrator Setup page.
- Please observe the [Terminal ID] no. User will need these numbers to Add device to WarpX system. Or User can change it on the [Terminal Setup] Page below.

| System Status | |
|-------------------------------|----------------------------|
| Product Name : | Warp3GMV |
| Firmware Version : | 2.01.00_Aug 14 2008 |
| System Time : | 08/18/2008 11:16:05 GMT+07 |
| Terminal ID : | 67 |
| Description : | System 2 |
| Standalone / FP Reader Only : | Standalone |
| Registered User : | 5 |
| Log Count : | 93 |
| Anti-Pass-Back : | Disable |
| Weigand Format : | WG34 |
| Weigand Output : | 34 Bits |
| Anti-Duress : | Enable |

| Ethernet Status | |
|-------------------|-------------------|
| MAC Address : | 00:0e:e3:00:dc:92 |
| IP Address : | 192.168.0.67 |
| Subnet mask : | 255.255.255.0 |
| Default Gateway : | 192.168.0.1 |
| Primary DNS : | 168.95.1.1 |

| TERMINAL CONFIGURATION | |
|-------------------------|--|
| Terminal ID : | 67 |
| Terminal Setting : | Title On LCD : YMatrix System |
| | Description : System 2 |
| FP Security Level : | 2 (Default: 2) |
| FP Verification Mode : | <input checked="" type="radio"/> 1:N <input type="radio"/> 1:1 |
| Duplicate FP Enrolled : | <input type="radio"/> Allowed <input checked="" type="radio"/> Disallowed |
| Working Behavior : | <input checked="" type="radio"/> Standalone <input type="radio"/> FP Reader Only |

- User can also setup Access Key on the [Communication Setup] page to ensure security connection between software and Device.

| Net Mode | |
|--------------------|---------------------|
| TYPE: | STATIC IP |
| IP Address | 192 . 168 . 0 . 67 |
| Subnet Mask | 255 . 255 . 255 . 0 |
| Default Gateway IP | 192 . 168 . 0 . 1 |
| DNS Server IP | 168 . 95 . 1 . 1 |

| Operation Mode (Software Used) | |
|----------------------------------|------------|
| Connection Mode | TCP SERVER |
| Port Number | 2000 |

| WEB Management Port | |
|----------------------|--|
| Http Port Management | <input checked="" type="radio"/> UNBLOCK(80) <input type="radio"/> BLOCK |

| Access Key(Software Used) | |
|-----------------------------|---|
| | <input checked="" type="radio"/> Disable <input type="radio"/> Enable 00 : 00 : 00 : 00 : 00 : 00 |

2.3. Step 3: Add new device

With this information on hand, user can now register or Add device into the system via WarpX_Client program.

- On Main Menu, choose [Device Management]. On [Task and Utility] choose [Add Device]

Add / Edit Device

Type Machine: Warp3G Terminal ID: 67

Device Name: D67 Protocol: 3 Active: ☒

Serial Port Setting

Com Port: BaudRate:

TCP/IP Setting

IP Address: 192.168.0.67 Port: 2000

Time Out: 2000

Com Key: [][][][][][]

Test Connect Save Close

- Select the relevant Machine Type, Terminal ID, Device name, IP Address, Com Key, then press [Test Connect] and if success, press [Save] button.

2.4. Step 4: Add Server (Zone)

For first time runner, user needs to create Server Zone and add the device to server that was created.

Add Sever Zone

Sever Zone ID: 1

Sever Zone Name: Zone1

OK Cancel

Server Zone

Drag a column header here to group by that column

| Select | Server ID | Device Name | IP address | Sever Zone ID |
|-------------------------------------|-----------|--------------|------------|---------------|
| <input checked="" type="checkbox"/> | 1 | 192.168.0.78 | 0 | |

Zone 1: Zone1
D70 : TID=70 :IP=192.168.0.70

Zone 2: Zone 2
remote : TID=66 :IP=124.120.135.103
D67 : TID=67 :IP=192.168.0.67
D68 : TID=68 :IP=192.168.1.68

Zone 3: Zone 3
Tid1 : TID=232 :IP=192.168.0.232

Panel2

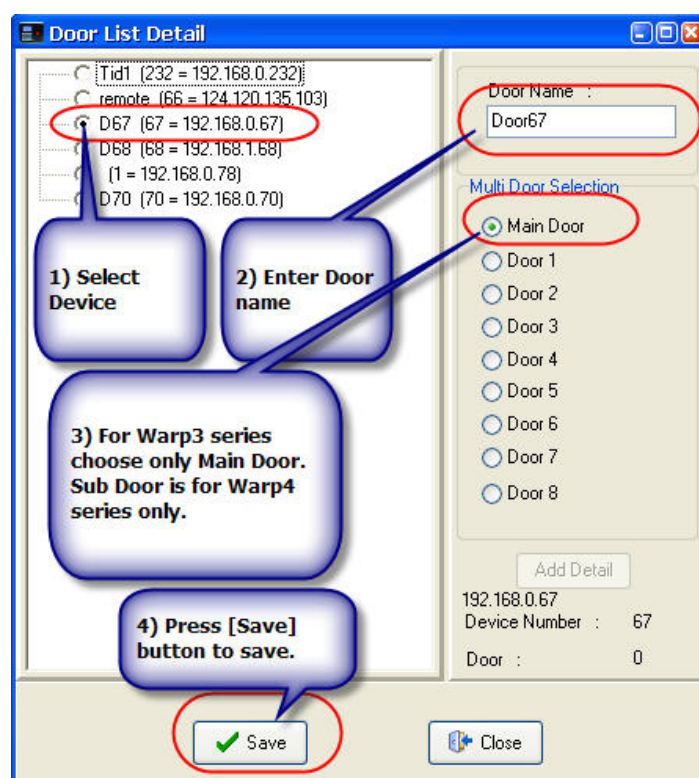
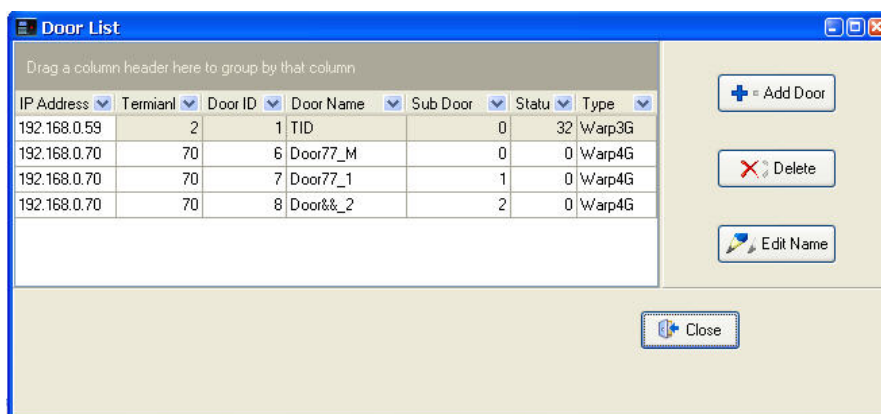
After these procedures, Warp Server is ready to activate now.
If you install Warp3 series as access control, you may need to follow the step5 and 6 to create Door List and Map zone respectively.
If not you may skip and go to Running Warp Server.

2.5. Step 5: Add Door

In order to use Warp Monitor, Door list and Map zone must be added, and Door must be assign to Map zone as well.

To add Door to system,

- On Main Menu, choose [Device Management]. On [Task and Utility] choose [Add Door]

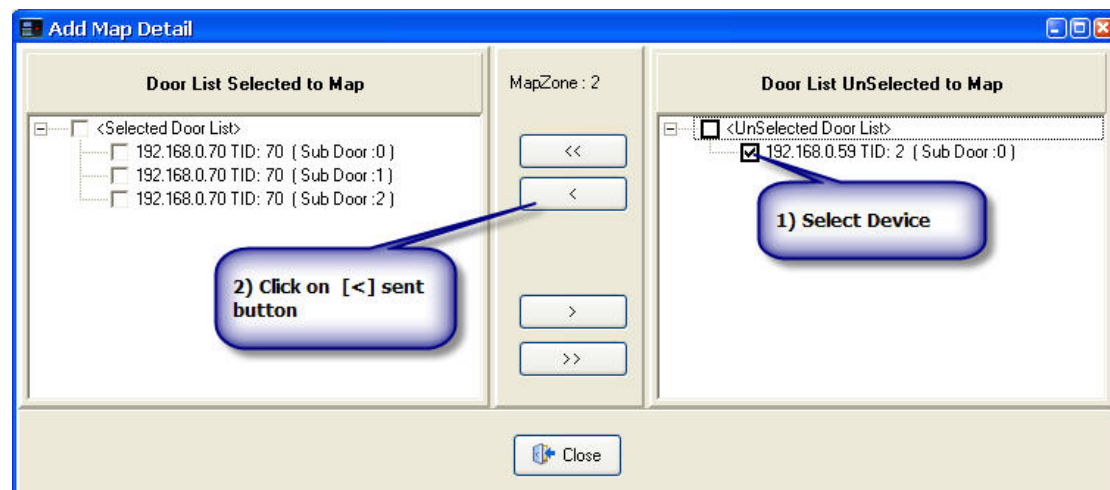
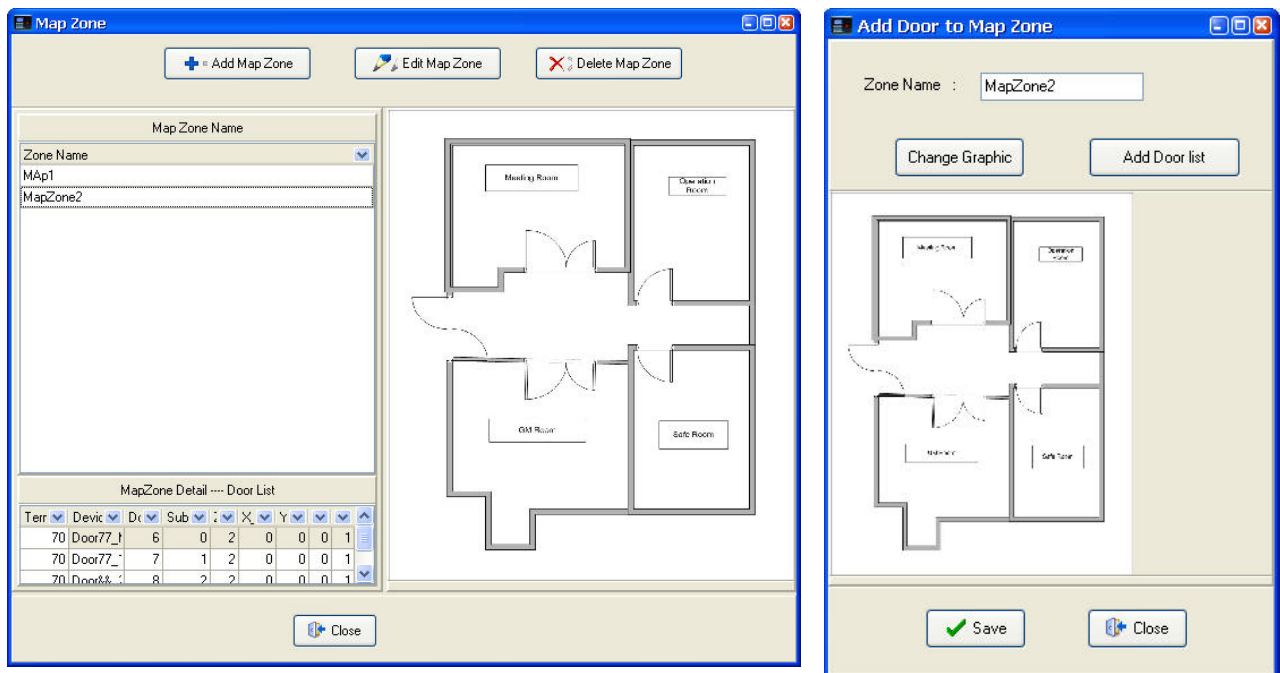


2.6. Step 6: Add Map Zone

In order to use show map and assign door to Warp Monitor, Map zone must be added, and Door list must be assign to Map zone as well.

To add Map zone to system,

- On Main Menu, choose [Device Management]. On [Task and Utility] choose [Add Map zone]

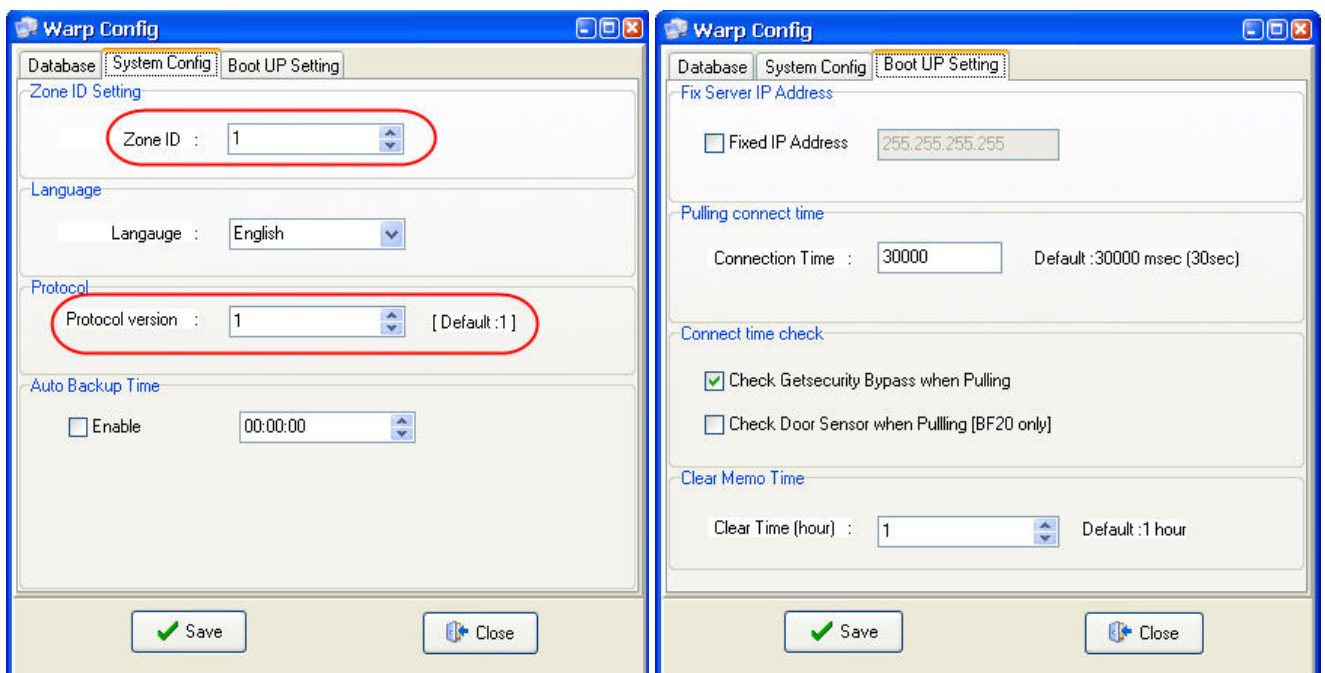
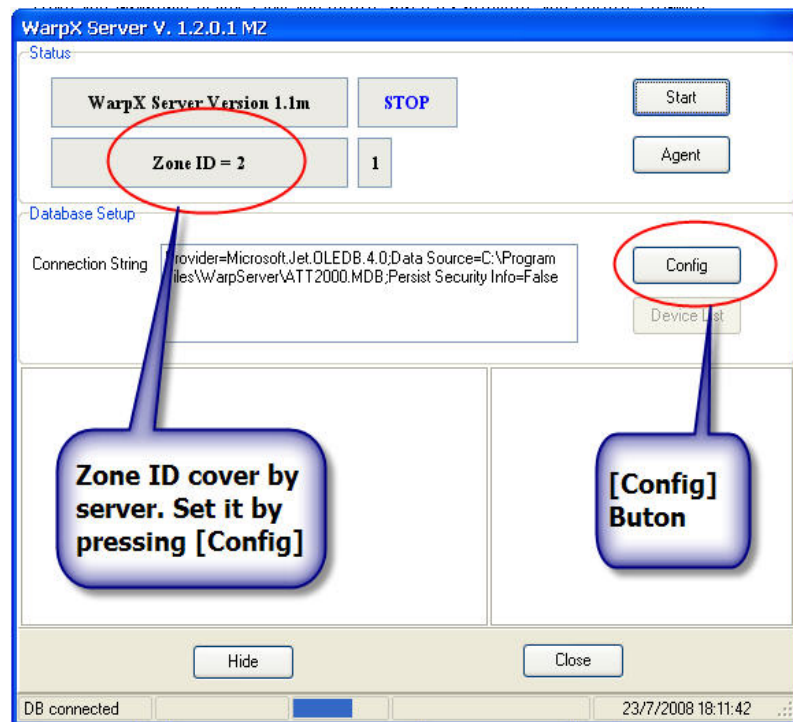


2.7. Step 7: Running Warp Server

For the first time that WarpServer runs, it will ask user to choose the database and its path. Please follow the same step as in 1.6.

2.8. Step 8: Setup Warp Server

Choose the desire Zone ID by clicking on the [Config] button.



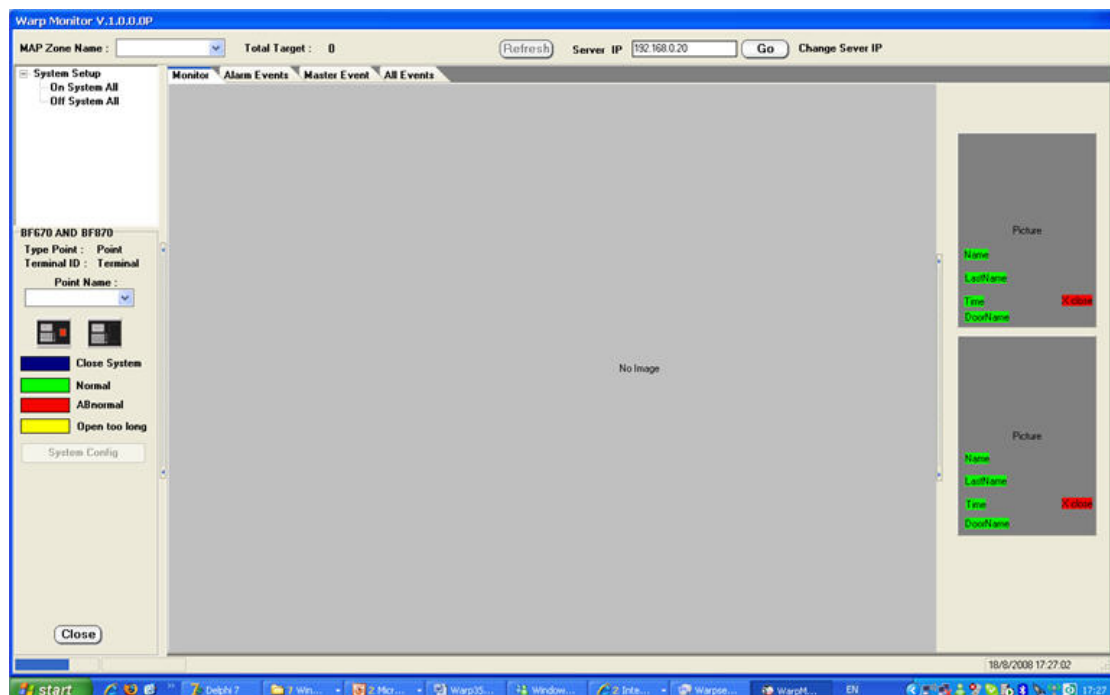
Auto Backup time is use if User requires WarpServer to pulling all logs on the system at a specific time.

2.9. Step 9: Running Warp monitor

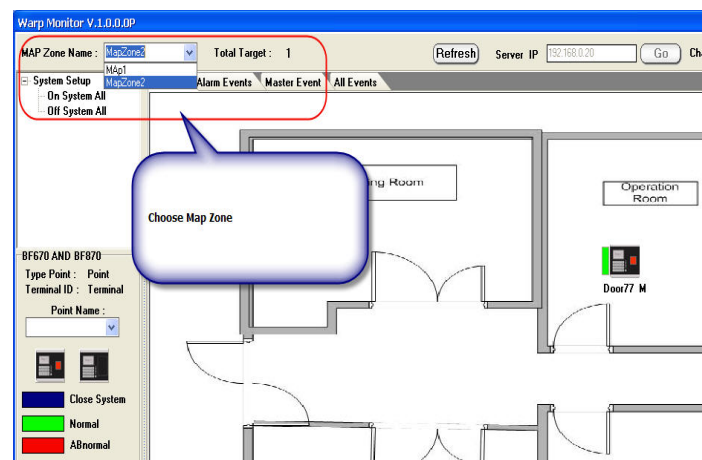
For the first time that Warp Monitor runs, it will ask user to choose the database and its path. Please follow the same step as in 1.6.

2.10. Step 10: Setting Up the Map Zone

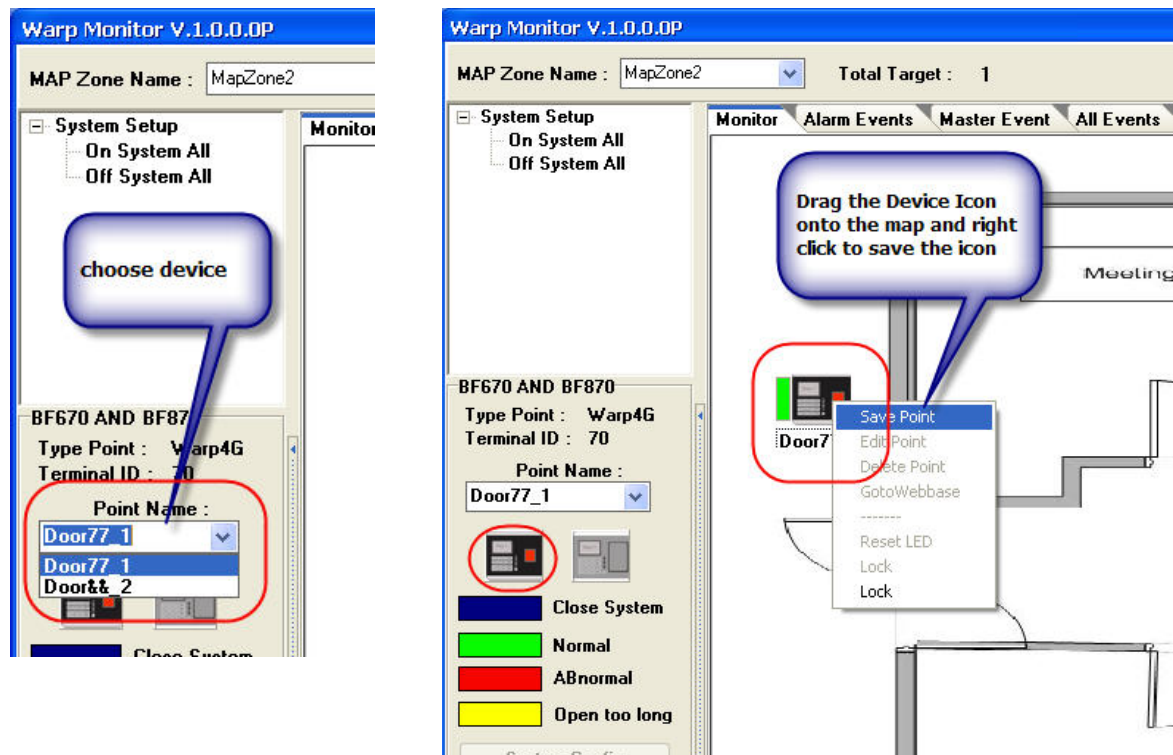
- Press [Go] button of connect with server zone.



- Select Map Zone from the drop down list on top/left of the window.



- Choose the device that was add using WarpX_Client program from 2.6



- Drag the Device Icon onto the Map windows than right click on it to save the point position.
- Warp Monitor require that Warp Server must be running at all time.
- Color of the tap on the icon represent the status of the device as follow:



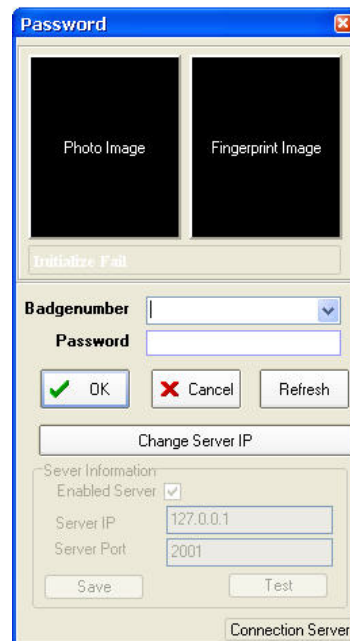
System is now ready for running.

3. WarpX_Client Program

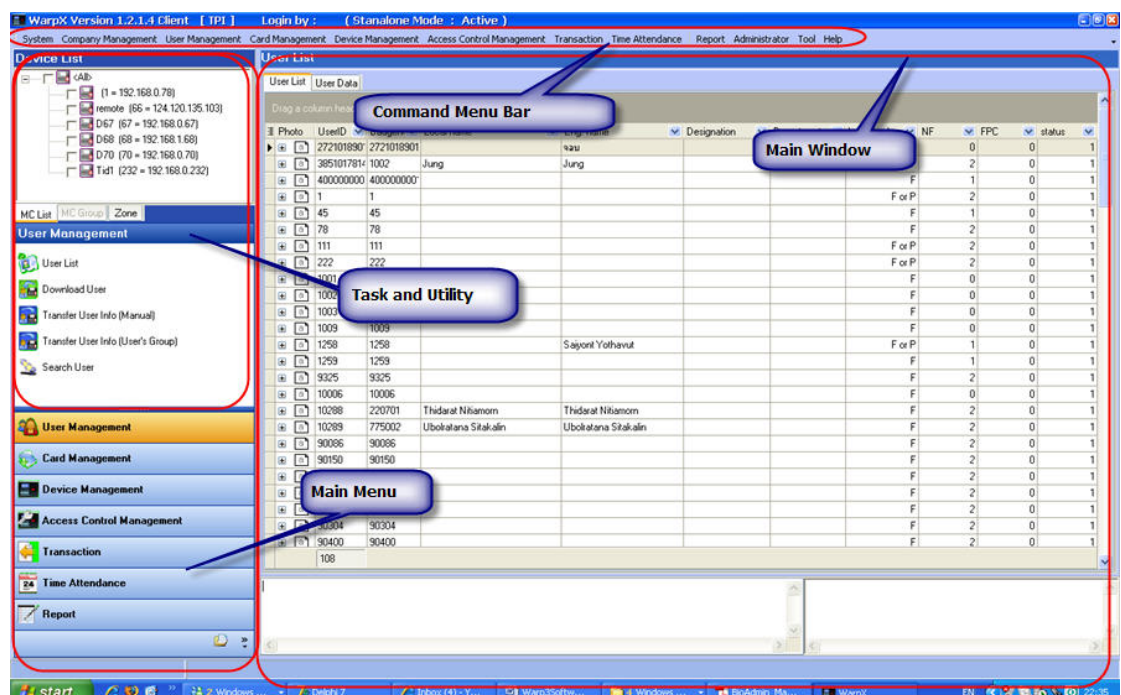
WarpX_Client program is an control panel software to manage all system device.

3.1. Password Page

Password is required for accessing the software. WarpX_client require either Password or Fingerprint verification of the user to enter to the system. User can also change to connect server IP address if desired.



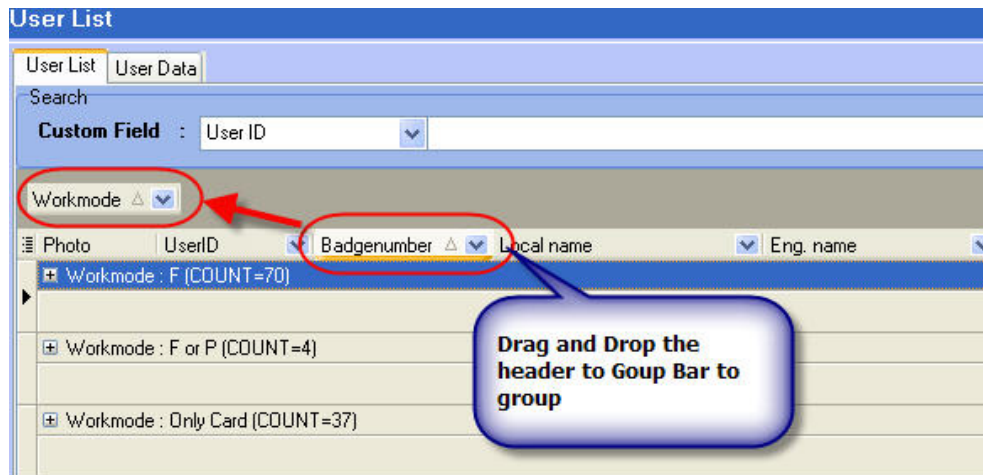
3.2. Main Windows



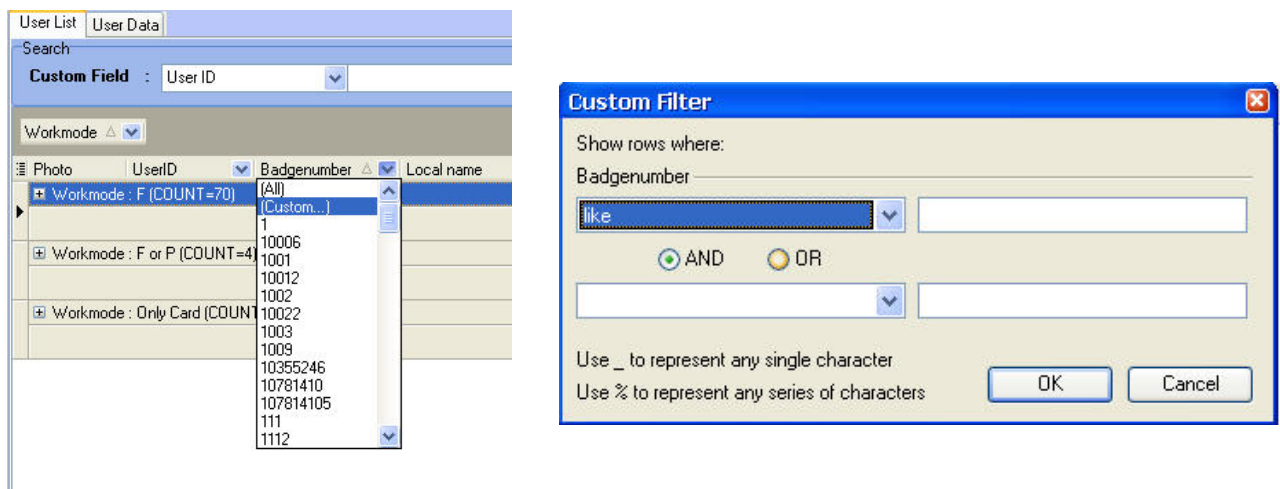
3.3. User Management

3.3.1. User List

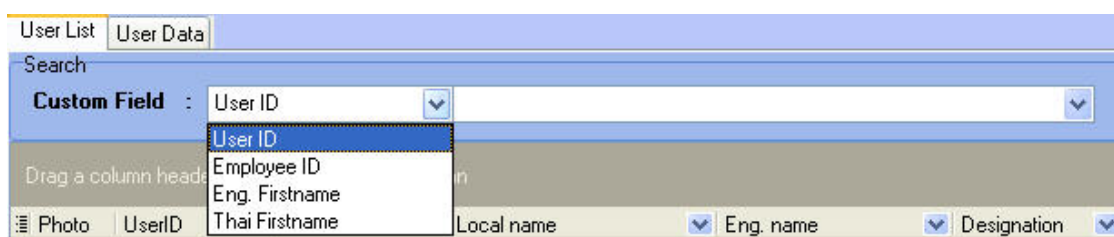
On the Main window for User List, user can group user by drag and drop the header on the group bar above it.



User can also filter the record by press on the Down arrow button on the header and choose Custom to activate Customer Filter Dialog.



Or user can using Search box on top of the grid, by choose the desire field and search data on the text box beside it.



Double click on the item in the grid, will immediately bring user to User Information Data Edit page. Or user can also click on the Tap [User Data] directly and use the navigator button to move around User data records.

User List

User List | User Data

Previous Next Add Edit Save Delete Cancel User On Device

No Picture Add Pic Del Pic

General Information

User (Card) ID 10006 (0.4294967295) Name (Local) Tumda Porapa

Badgenumber 10006 Name (English) Mr. Tumda Porapa (15 Char. Max) (15 Char. Max)

SSN

Personal Information

Expire Date Check : ☒ Disable ☐ Enable

Valid From 31/7/2551 To 31/7/2551

Group : Allow Group

Verification mode : F

Status : ☒ Activate ☐ Deactivate

Security

Password : (6 ~ 10 char) Confirm :

Verification Mode
F = Fingerprint
P = PIN
C = Card

User's Group must define for Access control purpose. It will define each user group to specific Door using Specific Access Group

Search User on Device to check it this user is register in which terminal

Personal Information | General Information | Record Fingerprint

User List

User List | User Data

Previous Next Add Edit Save Delete Cancel User On Device

No Picture Add Pic Del Pic

General Information

User (Card) ID 10006 (0.4294967295) Name (Local) Tumda Porapa

Badgenumber 10006 Name (English) Mr. Tumda Porapa (15 Char. Max) (15 Char. Max)

SSN

Record Fingerprint

EMPTY EMPTY

Scan Finger 1 Scan Finger 2

Enroll Fingerprint Using USB Fingerprint reader, SFR200S or sFR300S

Upload ---> Manual Upload ---> User's Group

Group Device :

Upload User Delete User Write User Info to Card

Upload User to Device. Must select item Device on the Device Treeview and Access Group above

Delete User on Device. Must select item Device on the Device Treeview .

Personal Information | General Information | Record Fingerprint

3.3.2. Download User

Click on the Download User on Task bar, will show up download user page

WarpX Version 1.2.1.4 Client [WarpX] Login by : (Standalone Mode : Active)

System Company Management User Management Card Management Device Management Access Control Management Transact

Device List

1) Select the device

MC List MC Group Zone

User Management

User List

Download User

Transfer User Info (Manual)

Transfer User Info (User's Group)

User Management

Card Management

Device Management

Access Control Management

Transaction

24 Time Attendance

Report

Download User from Device

| Check | UserID | Badgenumber | Thai Firstna |
|-------------------------------------|-----------|-------------|--------------|
| <input checked="" type="checkbox"/> | 10417302 | | |
| <input checked="" type="checkbox"/> | 10436918 | | |
| <input checked="" type="checkbox"/> | 10457990 | | |
| <input checked="" type="checkbox"/> | 10472966 | | |
| <input checked="" type="checkbox"/> | 10781410 | | |
| <input checked="" type="checkbox"/> | 107814105 | | |
| <input checked="" type="checkbox"/> | 111 | | |
| <input checked="" type="checkbox"/> | 11559012 | | |
| <input checked="" type="checkbox"/> | 11609428 | | |
| <input checked="" type="checkbox"/> | 11615812 | | |
| <input checked="" type="checkbox"/> | 11653668 | | |
| <input checked="" type="checkbox"/> | 11655652 | | |
| <input checked="" type="checkbox"/> | 11670132 | | |
| <input checked="" type="checkbox"/> | 11703108 | | |
| <input checked="" type="checkbox"/> | 11706692 | | |
| <input checked="" type="checkbox"/> | 11725108 | | |
| <input checked="" type="checkbox"/> | 11744948 | | |
| <input checked="" type="checkbox"/> | 11749764 | | |
| <input checked="" type="checkbox"/> | 11770724 | | |
| <input checked="" type="checkbox"/> | 11812068 | | |
| <input checked="" type="checkbox"/> | 11832044 | | |

Download User

Download Selected User

2_1) Download selected User from Device to read user list on device

2_2) Select user first then press Download Selected User Button

1_1) Download All User from Device

Download User page

1) Select the device

3.3.3. Upload user manual

Click on the Transfer User info (Manual) to activate this page

1) Select device that wish to upload user info.

2) Right click on the Grid to select or deselect all user. Or just click on the select box to selected

3) Choose the Access Group to manually upload user info

4) Click [Upload user to Device] to start the process

| UserID[s] | BADGE NUMBER | TFIRSTNAME |
|------------|--------------|------------|
| 4000000001 | 4000000001 | Long |
| 4000000010 | 4000000010 | Kiss |
| 1 | 1 | Frist |
| 45 | | |
| 78 | | |
| 111 | | |
| 222 | | |
| 1001 | | |
| 1002 | 1002 | Parm |
| 1003 | 1003 | Wan |
| 1009 | 1009 | Kal |
| 1112 | | Jung |
| 1239 | | Udom |
| 1258 | | Saiyont |
| 1259 | | Janpan |
| 9325 | | Utai |
| 10006 | | Tumda |
| 10288 | | Thidarat |
| 10289 | | Ubolratan |
| 90086 | | Sunny |
| 90150 | | Sea |

Upload User To Device (Manual)

No of User = 113
End
Downloading Done

3.3.4. Transfer User info (User's Group)

WarpX Version 1.2.1.4 Client [WarpX] Login by : (Standalone Mode

System Company Management User Management Card Management Device Management Access Co

Group List

- <All Group>
- 0 Disallow
- 1 Allow Group
- 2 U1**

1) Select the User's Group

MC List MC Group Zone

User Management

- User List
- Download User
- Transfer User Info (Manual)
- Transfer User Info (User's Group)

User Management

Card Management

Device Management

Access Control Management

Transaction

24 Time Attendance

Transfer User to Device (Group User)

Drag a column header here to group by that colu

| ck | UserID[s] |
|-------------------------------------|-----------|
| <input type="checkbox"/> | 9411887 |
| <input type="checkbox"/> | 11837044 |
| <input checked="" type="checkbox"/> | 11844020 |
| <input checked="" type="checkbox"/> | 11867332 |
| <input type="checkbox"/> | 11867332 |

2) Select User ID that wish to transfer into Device

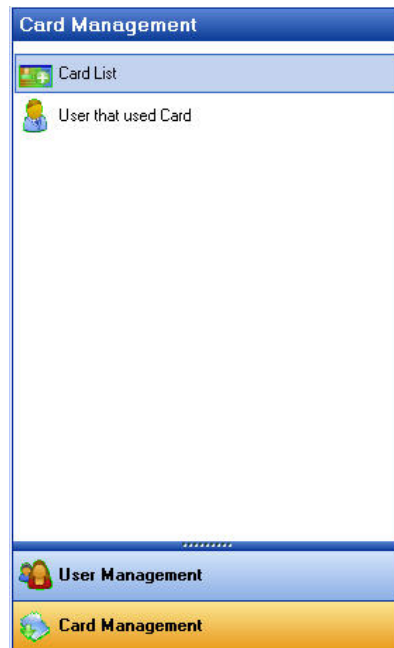
3) Click here to process

Upload User To Device (Group)

No of User = 113

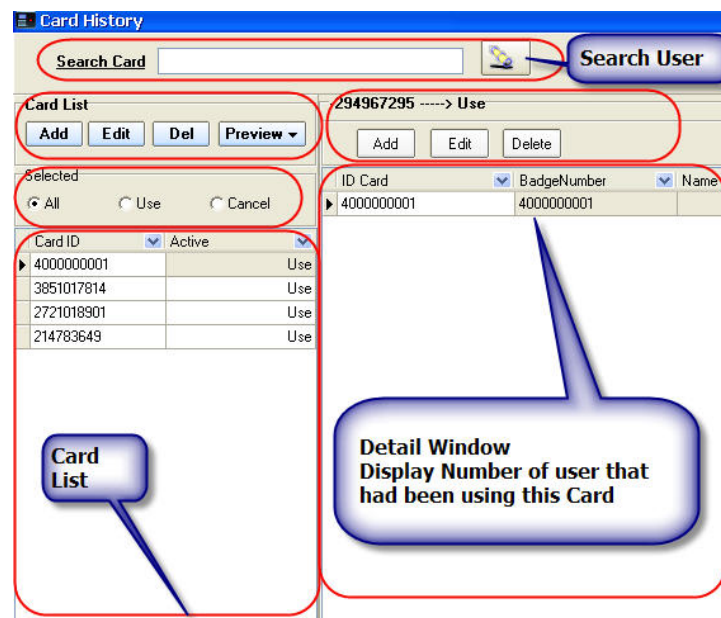
3.4. Card Management

Consist of Card List and Card User List



3.4.1. Card List

This page shows a list of Card that had been register in the system. If the card had been Issue to more than one user, it will show this information on the Detail window below.



If user needs to change the User's Information on the card, click on the Grid and click Edit button to display the [Add/Edit Card Detail History] window below:

Add Card Detail History

ID Card : 4000000001

Start Work : 19/8/2551

End Work : 31/12/2642

BadgeNumber : 4000000001

Name :

Status : Active

OK Cancel

Edit

By change the End Work Date, and set the Status to Inactive, use can free the card usage. And thus can add in different user to the card.

New Card also can be added by click on the [ADD] button on the card list menu.

Add Card History

ID Card :

Active : Use

OK Cancel

Report also can be preview by click on the [Preview] button:

Preview

100%

Detail of Card

| Card ID : 2721018901 | | | Status : 1 | | |
|----------------------|-------------|------|------------|------------|--------|
| No. | Employee ID | Name | Start Date | End Date | Status |
| 1 | 2721018901 | | 19/8/2551 | 31/12/2642 | Use |

| Card ID : 3851017814 | | | Status : 1 | | |
|----------------------|-------------|------|------------|------------|--------|
| No. | Employee ID | Name | Start Date | End Date | Status |
| 1 | 1802 | Jung | 19/8/2551 | 31/12/2642 | Use |

| Card ID : 4000000001 | | | Status : 1 | | |
|----------------------|-------------|------|------------|------------|--------|
| No. | Employee ID | Name | Start Date | End Date | Status |
| 1 | 4000000001 | | 19/8/2551 | 31/12/2642 | Use |

| Card ID : 214783649 | | | Status : 1 | | |
|---------------------|-------------|------|------------|------------|--------|
| No. | Employee ID | Name | Start Date | End Date | Status |
| 1 | 214783649 | | 19/8/2551 | 31/12/2642 | Use |

3.4.2. User that use Card

In this window, it will show the information of Card's User. It shows card usage of the user. If this user had used more than one card, that is, if he had lost card and register for more card, the Card information windows will show the number of card had been used.

User user Card History

Search User ID **Search** **Filter**

☐ All User ☒ User has card ☐ User has't card

| Badgenumb | Name | Total Car |
|------------|---------------|-----------|
| 214783649 | | |
| 1002 | Parm Jongsiri | |
| 4000000001 | Long Baya | |

Uer Info

| ID Card | Badgenumber | Name | Start Work |
|-----------|-------------|------|------------|
| 214783649 | 214783649 | | 19/8/2551 |

Card information that user had

3.5.Device Management

Device Window

WarpX Version 1.2.1.4 Client

System Company Management User Management Card Management Device Management Access Control Management Transaction Time Attendance Report Administrator Tool Help

Device Management

- Add Device
- Edit Device
- Delete Device
- Search IP Address of Device
- Door Unlock
- Door Lock
- Add Door
- Add Map Zone
- Add Zone (Server)

User Management

Card Management

Device Management

Access Control Management

Transaction

Time Attendance

Report

Device List

| Active | TID | Name | IP_address | Port | Comm | COM_Port |
|-------------------------------------|-----|------|---------------|------|------|----------|
| <input checked="" type="checkbox"/> | 232 | Tid1 | 192.168.0.232 | 2000 | | |
| <input checked="" type="checkbox"/> | 67 | D67 | 192.168.0.67 | 2000 | | |
| <input checked="" type="checkbox"/> | 68 | D68 | 192.168.1.68 | 2000 | | |
| <input checked="" type="checkbox"/> | 70 | d70 | 192.168.0.70 | 2000 | | |
| <input checked="" type="checkbox"/> | 66 | D66 | 192.168.0.66 | 2000 | | |

Door List of the Device

DoorName ServerID SubDoor Active status ZoneID

<No data to display>

3.5.1. Add Device

Add Device

The screenshot shows the 'Add / Edit Device' window with the following fields and annotations:

- Type Machine:** A dropdown menu set to 'Warp3G'.
- Terminal ID:** A numeric input field set to '67'. A blue callout bubble labeled 'TID' points to this field.
- Device Name:** A text input field set to 'D67'.
- Protocol:** A dropdown menu set to '3'.
- Active:** A checked checkbox.
- Serial Port Setting:** A section with 'Com Port' and 'BaudRate' fields.
- TCP/IP Setting:** A section with 'IP Address' (set to '192.168.0.67') and 'Port' (set to '2000'). A blue callout bubble labeled 'IP Address' points to the IP Address field.
- Time Out:** A numeric input field set to '2000'.
- Com Key:** A row of six small square buttons. A blue callout bubble labeled 'Access Key enter' points to the first button.
- MC type:** A blue callout bubble labeled 'MC type' points to the 'Protocol' dropdown.
- Test Connect:** A button at the bottom right.
- Save and Close:** Buttons at the bottom right.

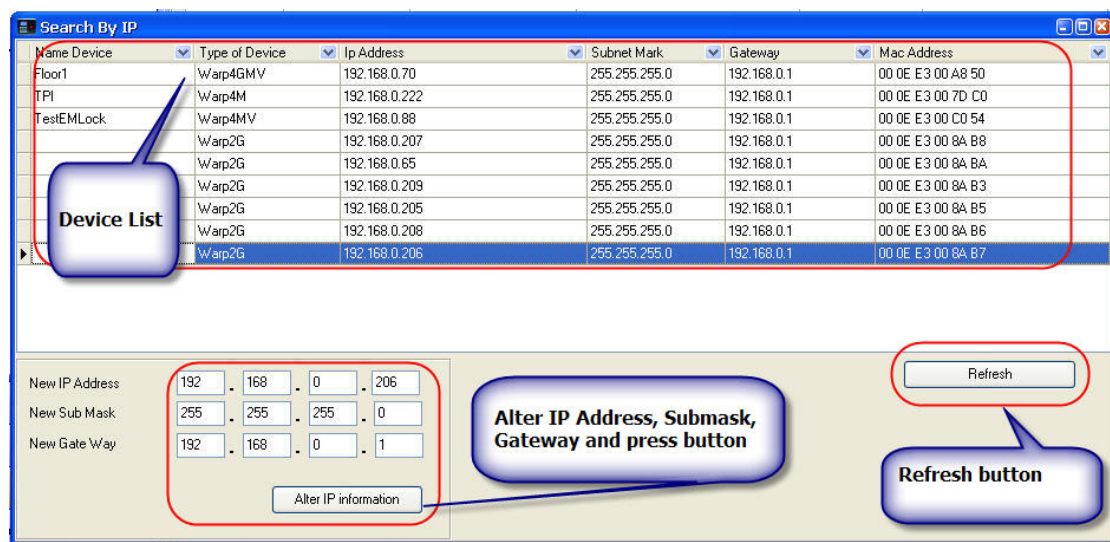
3.5.2. Edit Device

Edit Device is the same display as ADD Device window.

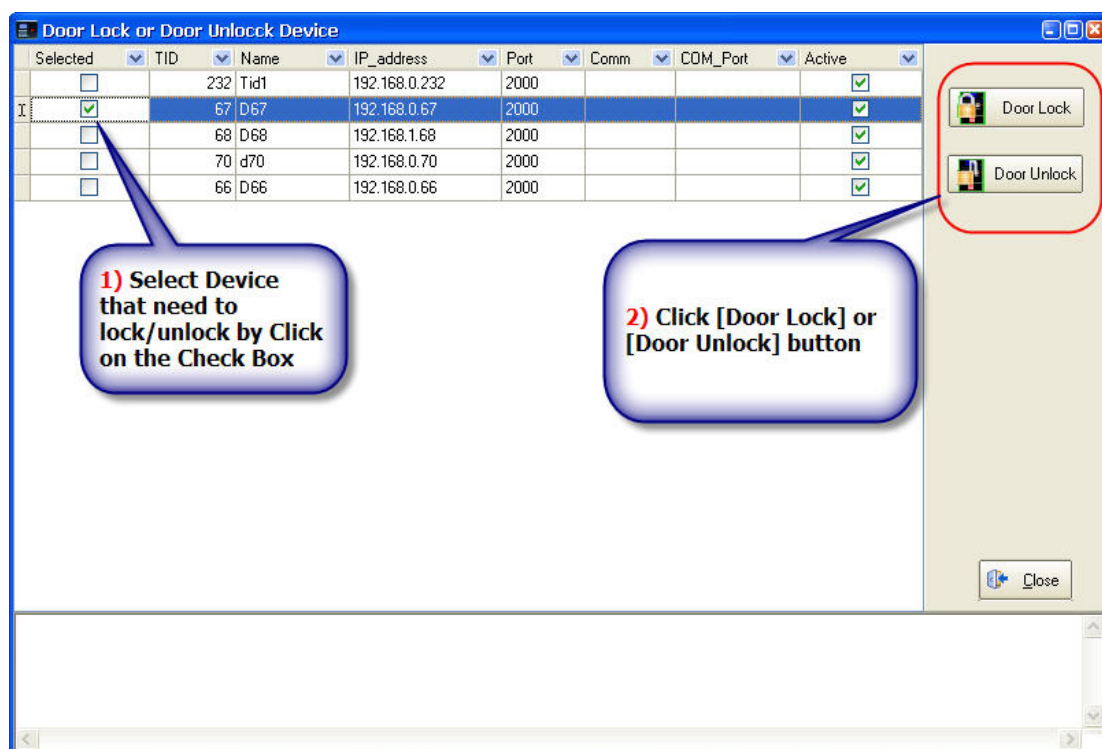
3.5.3. Delete Device



3.5.4. Search IP Address of Device



3.5.5. Door Unlock



3.5.6. Door Lock

3.5.7. Add Door

Drag a column header here to group by that column

| IP Address | Termianl | Door ID | Door Name | Sub Door | Statu | Type |
|--------------|----------|---------|-----------|----------|-------|--------|
| 192.168.0.59 | 2 | 1 | TID | 0 | 32 | Warp3G |
| 192.168.0.70 | 70 | 6 | Door77_M | 0 | 0 | Warp4G |
| 192.168.0.70 | 70 | 7 | Door77_1 | 1 | 0 | Warp4G |
| 192.168.0.70 | 70 | 8 | Door&&_2 | 2 | 0 | Warp4G |

Buttons: + Add Door, X Delete, Edit Name, Close

1) Select Device

2) Enter Door name

3) For Warp3 series choose only Main Door. Sub Door is for Warp4 series only.

4) Press [Save] button to save.

Door Name : Door67

Multi Door Selection

☒ Main Door

☐ Door 1

☐ Door 2

☐ Door 3

☐ Door 4

☐ Door 5

☐ Door 6

☐ Door 7

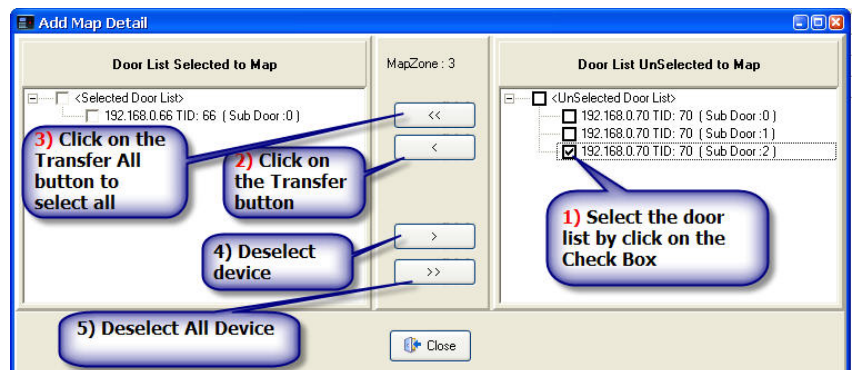
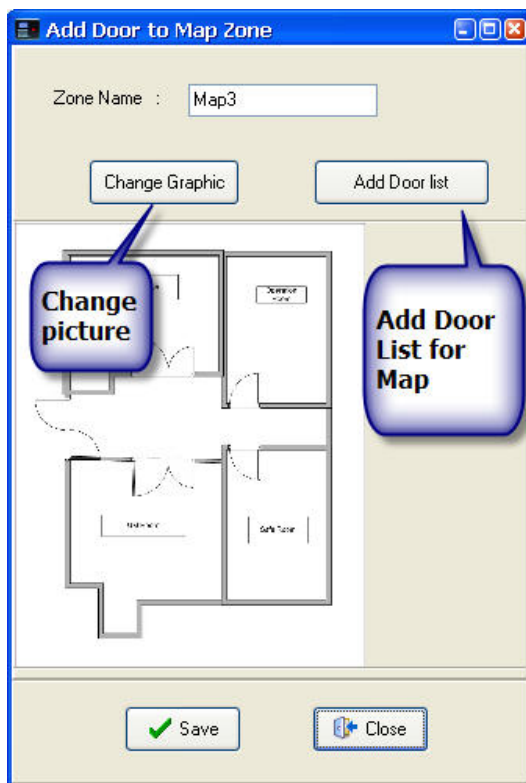
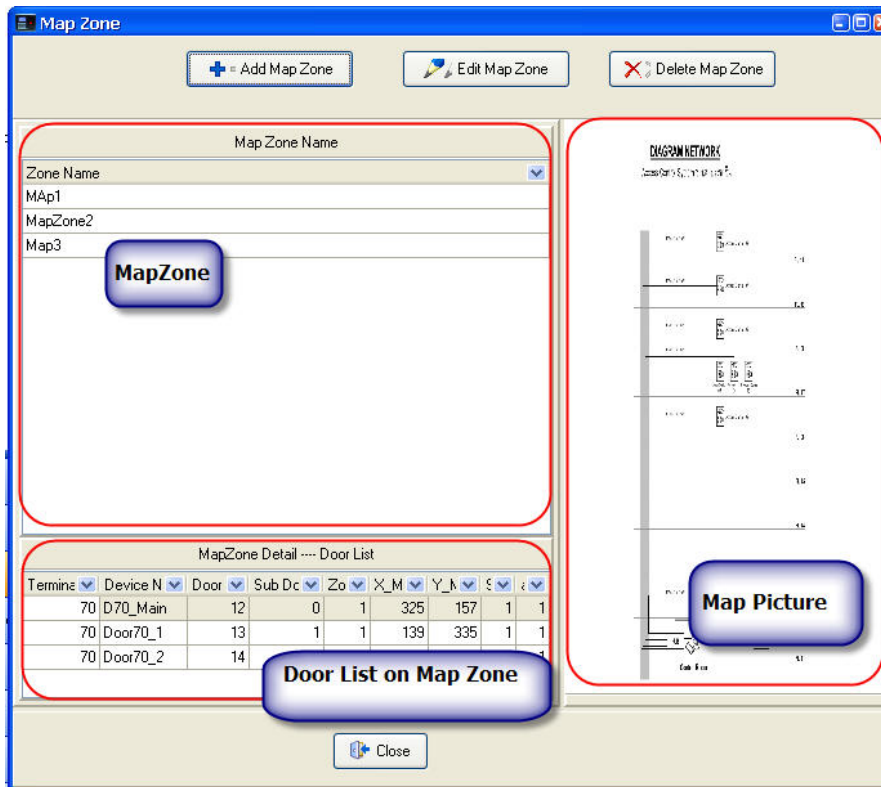
☐ Door 8

Add Detail

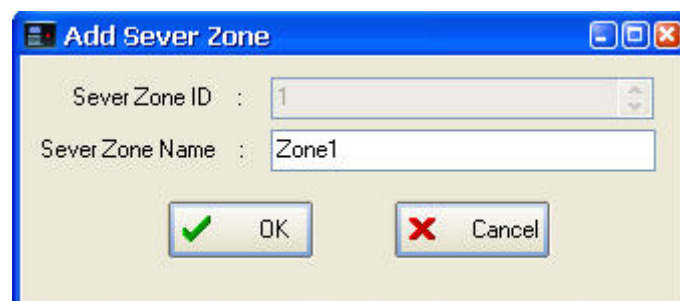
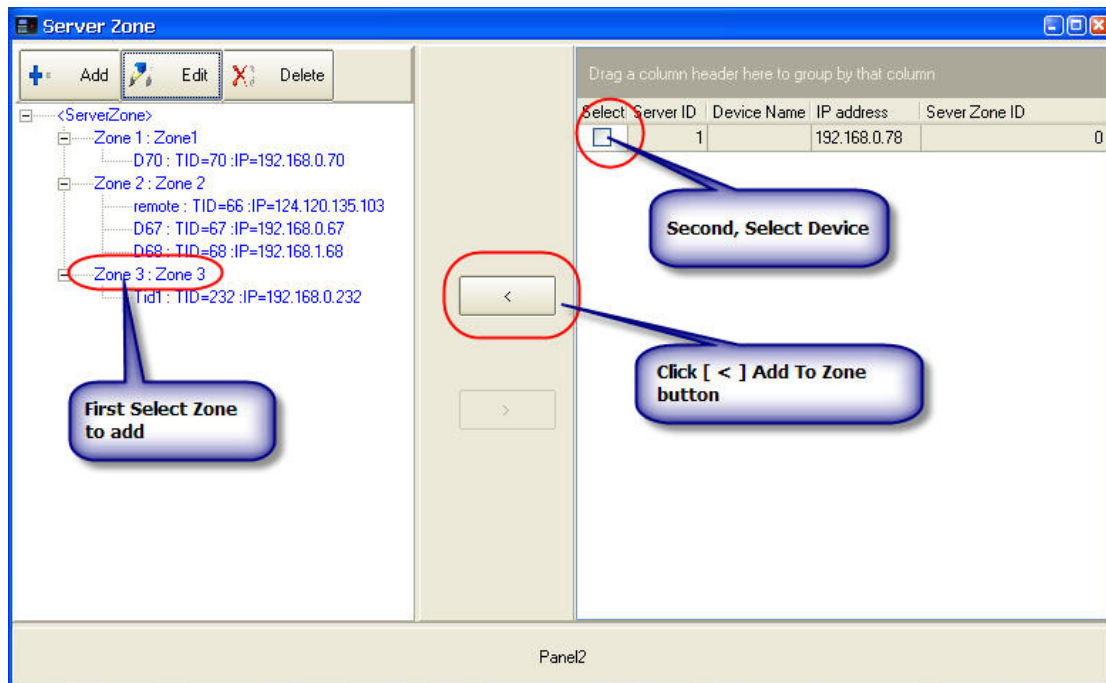
192.168.0.67
Device Number : 67
Door : 0

Buttons: Save, Close

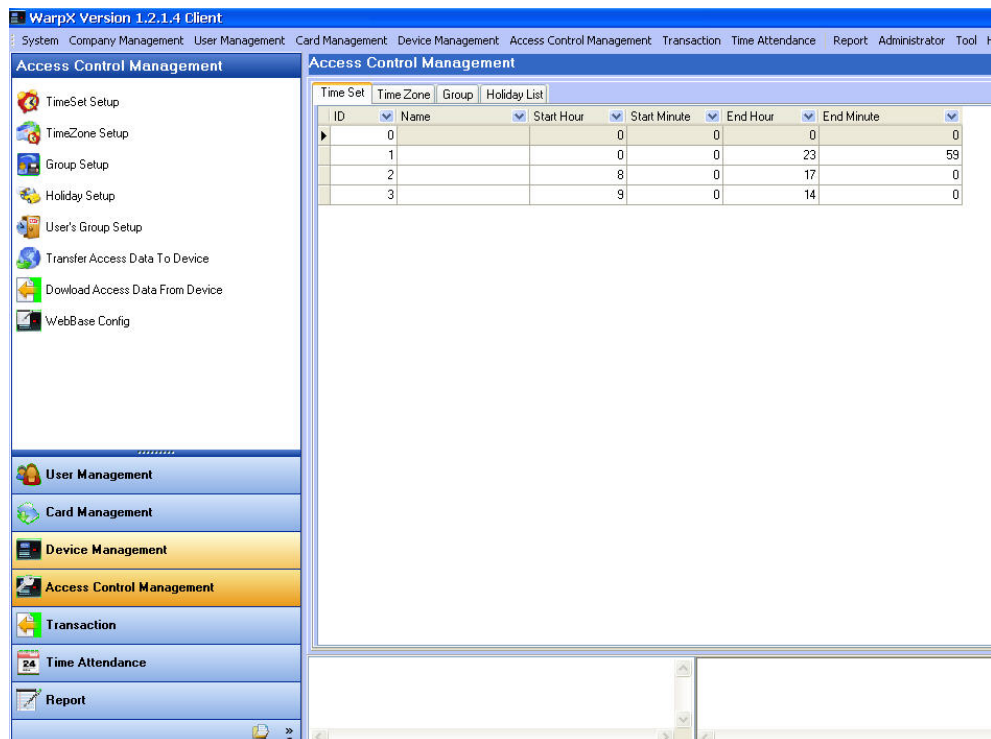
3.5.8. Add Map Zone



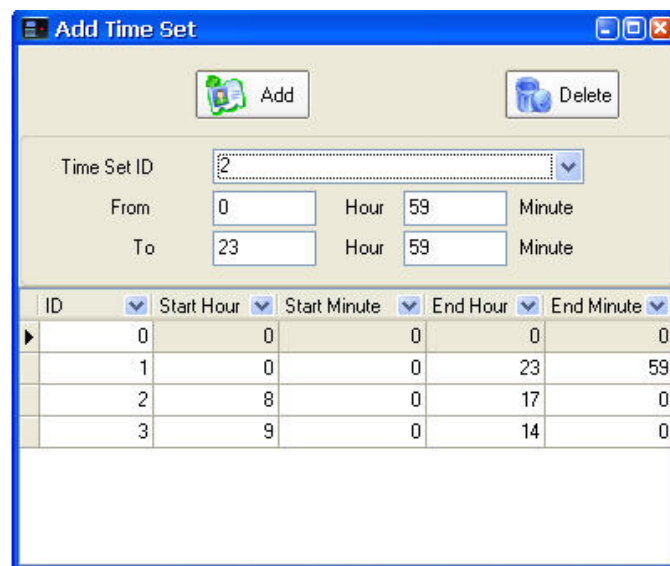
3.5.9. Add Zone (Server)



3.6. Access control Management



3.6.1. Time Set Setup



3.6.2. TimeZone Setup

Add TimeZone

0 Deactivate
1 Any Time
2 TZ2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21

Time Zone ID: 2
Time Zone Name: TZ2

| | | | |
|-----------|---------------|---------------|---------------|
| Monday | 09:00 ~ 14:00 | 00:00 ~ 00:00 | 00:00 ~ 00:00 |
| Tuesday | 09:00 ~ 14:00 | 00:00 ~ 00:00 | 00:00 ~ 00:00 |
| Wednesday | 09:00 ~ 14:00 | 00:00 ~ 00:00 | 00:00 ~ 00:00 |
| Thursday | 09:00 ~ 14:00 | 00:00 ~ 00:00 | 00:00 ~ 00:00 |
| Friday | 09:00 ~ 14:00 | 00:00 ~ 00:00 | 00:00 ~ 00:00 |
| Saturday | 00:00 ~ 00:00 | 00:00 ~ 00:00 | 00:00 ~ 00:00 |
| Sunday | 00:00 ~ 00:00 | 00:00 ~ 00:00 | 00:00 ~ 00:00 |
| Holiday | 00:00 ~ 00:00 | 00:00 ~ 00:00 | 00:00 ~ 00:00 |

3.6.3. Group Setup (Access Group)

Group Access



0 Disallowed Group
1 Free Time Group
2 G2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27

Group ID: 2
Group Name: G2
Time Zone ID: Any Time

Main Door ☒
Door #1 ☐
Door #2 ☐
Door #3 ☐
Door #4 ☐
Door #5 ☐
Door #6 ☐
Door #7 ☐
Door #8 ☐

3.6.4. Holiday Setup

Holiday

 Add
  Delete

Index

Holiday

Date / Month

| Index | Name |
|-------|------|
| 0 | New |
| 1 | Song |

3.6.5. User's Group Setup

Door Group Setup

Add Delete Save

Group ID : 2
 Group Name : U1

| User Group ID | User Group Name |
|---------------|-----------------|
| 0 | Disallow |
| 1 | Allow Group |
| 2 | U1 |

Add Device List Add User List

Add Delete

| GdoorID | Terminal ID | Terminal Name | Group ID |
|---------|-------------|---------------|----------|
| 2 | 232 | Tid1 | 1 |

Group Detail

Group ID 1
 Group Name Free Time Group
 Time Zone ID Deactivate

Main Door ☐
 Door #1 ☐
 Door #2 ☐
 Door #3 ☐
 Door #4 ☐
 Door #5 ☐
 Door #6 ☐
 Door #7 ☐
 Door #8 ☐
 Panel5 ☐

TimeZone Detail

| | 00:00 ~ 00:00 | 00:00 ~ 00:00 | 00:00 ~ 00:00 |
|-----------|---------------|---------------|---------------|
| Monday | 00:00 ~ 00:00 | 00:00 ~ 00:00 | 00:00 ~ 00:00 |
| Tuesday | 00:00 ~ 00:00 | 00:00 ~ 00:00 | 00:00 ~ 00:00 |
| Wednesday | 00:00 ~ 00:00 | 00:00 ~ 00:00 | 00:00 ~ 00:00 |
| Thursday | 00:00 ~ 00:00 | 00:00 ~ 00:00 | 00:00 ~ 00:00 |
| Friday | 00:00 ~ 00:00 | 00:00 ~ 00:00 | 00:00 ~ 00:00 |
| Saturday | 00:00 ~ 00:00 | 00:00 ~ 00:00 | 00:00 ~ 00:00 |
| Sunday | 00:00 ~ 00:00 | 00:00 ~ 00:00 | 00:00 ~ 00:00 |
| Holiday | 00:00 ~ 00:00 | 00:00 ~ 00:00 | 00:00 ~ 00:00 |

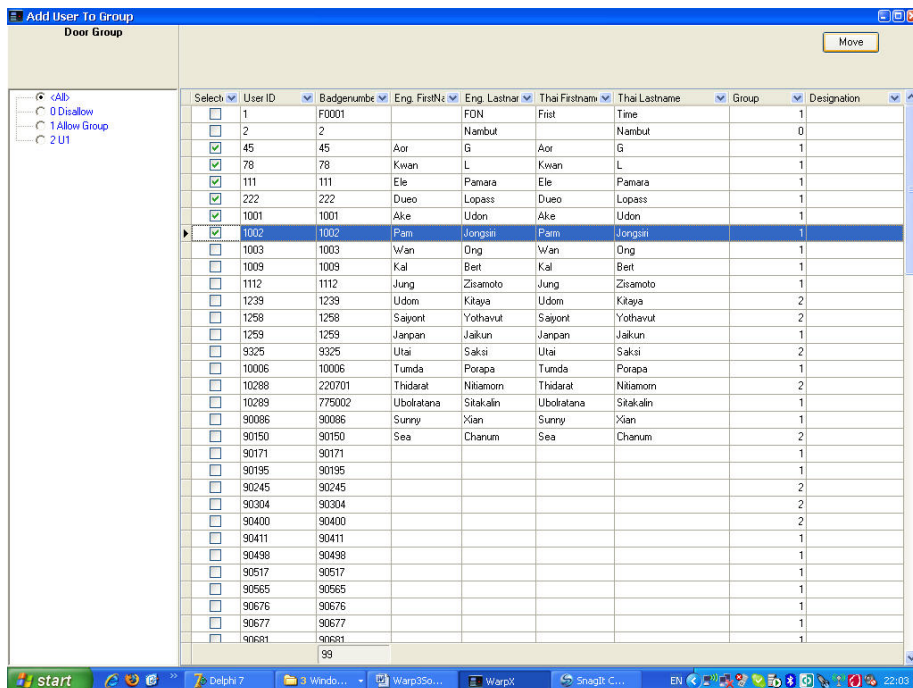
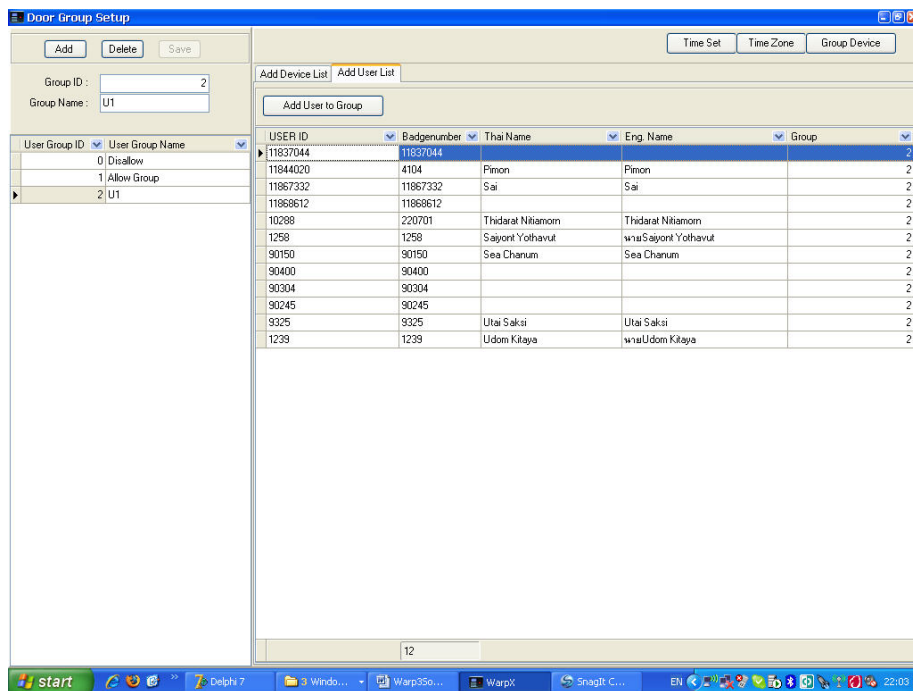
Select Group of Device

Device List : 67

Group Device : 2

OK Cancel

Warp X User Manual



3.6.6. Transfer Access Data to Device

Transfer Access Data To Device

Time Set | Time Zone | Group | Holiday

Device List

- Tid1 (232 = 192.168.0.232)
- D67 (67 = 192.168.0.67)
- D68 (68 = 192.168.1.68)
- ☒ d70 (70 = 192.168.0.70)
- D66 (66 = 192.168.0.66)

Transfer Time Set

| Selected | ID | Start Hour | Start Minute | End Hour | End Minute |
|--------------------------|----|------------|--------------|----------|------------|
| <input type="checkbox"/> | 0 | 0 | 0 | 0 | 0 |
| <input type="checkbox"/> | 1 | 0 | 0 | 23 | 59 |
| <input type="checkbox"/> | 2 | 8 | 0 | 17 | 0 |
| <input type="checkbox"/> | 3 | 9 | 0 | 14 | 0 |

Transfer Access Data To Device

Time Set | Time Zone | Group | Holiday

Device List

- Tid1 (232 = 192.168.0.232)
- D67 (67 = 192.168.0.67)
- D68 (68 = 192.168.1.68)
- ☒ d70 (70 = 192.168.0.70)
- D66 (66 = 192.168.0.66)

Transfer Time Zone

| Selected | ID | Name |
|--------------------------|----|------------|
| <input type="checkbox"/> | 0 | Deactivate |
| <input type="checkbox"/> | 1 | Any Time |
| <input type="checkbox"/> | 2 | TZ2 |

Time Zone ID:

Time Zone Name:

| | 00:00 ~ 00:00 | 00:00 ~ 00:00 | 00:00 ~ 00:00 |
|-----------|----------------------|----------------------|----------------------|
| Monday | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| Tuesday | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| Wednesday | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| Thursday | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| Friday | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| Saturday | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| Sunday | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| Holiday | <input type="text"/> | <input type="text"/> | <input type="text"/> |

Transfer Access Data To Device

Time Set | Time Zone | Group | Holiday

Device List

- Tid1 (232 = 192.168.0.232)
- D67 (67 = 192.168.0.67)
- D68 (68 = 192.168.1.68)
- ☒ d70 (70 = 192.168.0.70)
- D66 (66 = 192.168.0.66)

Transfer Group

| Selected | GID | name | timezoneID |
|--------------------------|-----|------------------|------------|
| <input type="checkbox"/> | 0 | Disallowed Group | 0 |
| <input type="checkbox"/> | 1 | Free Time Group | 0 |
| <input type="checkbox"/> | 2 | G2 | 1 |

Group ID:

Group Name:

Time Zone ID:

Main Door ☐

Door #1 ☐

Door #2 ☐

Door #3 ☐

Door #4 ☐

Door #5 ☐

Door #6 ☐

Door #7 ☐

Door #8 ☐

Transfer Access Data To Device

Time Set

Time Zone

Group

Holiday

Device List

<All>

Tid1 (232 = 192.168.0.232)

D67 (67 = 192.168.0.67)

D68 (68 = 192.168.1.68)

d70 (70 = 192.168.0.70)

D66 (66 = 192.168.0.66)

Transfer Holiday

| Selected | Name | Date | Month |
|--------------------------|------|------|-------|
| <input type="checkbox"/> | New | | 1 |
| <input type="checkbox"/> | Song | | 13 |

3.6.7. Download Access Data From Device

Download Data Form Device

Device List

<< Read Data From Device

Time Set Data

Time Set

Time Zone

Group Device

Holiday of Access

Download Time Set

Time Set in Device

| ID | Start Hour | Start Minute | End Hour | End Minute |
|----|------------|--------------|----------|------------|
|----|------------|--------------|----------|------------|

Time Set in database

| ID | Start Hour | Start Minute | End Hour | End Minute |
|----|------------|--------------|----------|------------|
| 0 | 0 | 0 | 0 | 0 |
| 1 | 0 | 0 | 23 | 59 |
| 2 | 8 | 0 | 17 | 0 |
| 3 | 9 | 0 | 14 | 0 |

Download Data Form Device

Device List

<< Read Data From Device

Time Zone Data

Time Set

Time Zone

Group Device

Holiday of Access

Download Time Zone

Time Zone in Device

ID

name

| | |
|----------------------|--|
| <No data to display> | |
|----------------------|--|

Time Zone ID

Time Zone Name

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

Holiday

Time Zone in database

ID

Name

| | |
|---|------------|
| 0 | Deactivate |
| 1 | Any Time |
| 2 | TZ2 |

Time Zone ID

Time Zone Name

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

Holiday

Download Data Form Device

Device List

<< Read Data From Device

Group Data

Time SetTime ZoneGroup DeviceHoliday of Access

Download Group Device

Group in Device

| GID | name | timezoneID |
|----------------------|------|------------|
| <No data to display> | | |

Group ID

Group Name

Time Zone ID

☐ Main Door

☐ Door #1

☐ Door #2

☐ Door #3

☐ Door #4

☐ Door #5

☐ Door #6

☐ Door #7

☐ Door #8

Group in database

| GID | Name | timezone ID |
|-----|----------------|-------------|
| 0 | Disallowed Grc | 0 |
| 1 | Free Time Gro | 0 |
| 2 | G2 | 1 |

Group ID

Group Name

Time Zone ID

☐ Main Door

☐ Door #1

☐ Door #2

☐ Door #3

☐ Door #4

☐ Door #5

☐ Door #6

☐ Door #7

☐ Door #8

Download Data Form Device

Device List

<< Read Data From Device

Holidays Data

Time SetTime ZoneGroup DeviceHoliday of Access

Download Holiday of Access

Holiday In Device

| Name | Date | Month |
|------|------|-------|
|------|------|-------|

Holiday In Database

| Name | Date | Month |
|------|------|-------|
| New | 1 | 1 |
| Song | 13 | 4 |

3.6.8. Web Base Config

User can configure the Device parameters , backup and restore parameters via this page.

Webbase Command On Device

Save Edit value to Database Transfer to Device Update Config Read from Device Save from Device to Database

| Parameter in Database | | Parameter in Device | |
|-------------------------|-----------|-------------------------|--|
| Terminal ID | 232 | Terminal ID | |
| Title on LCD | | Title on LCD | |
| Description | | Description | |
| FP Security Level | 3 | FP Security Level | |
| FP verification Mode | 1:N | FP verification Mode | |
| Access Control | Enable | Access Control | |
| Accessory | None | Accessory | |
| Master/Slave mode | Handalone | Master/Slave mode | |
| External Reader Define | Out | External Reader Define | |
| Wiegand IN format | 26 bits | Wiegand IN format | |
| Wiegand Out | Disable | Wiegand Out format | |
| Card Display Format | Raw Data | Card Display Format | |
| Disable Key_In ID | Disable | Disable Key_In ID | |
| Double Clock In Control | Disable | Double Clock In Control | |
| Time (86400 max) | 0 | Time (86400 max) | |
| Illegal Access Event | Disable | Illegal Access Event | |
| FKeyTrigger Mode | Auto | FKeyTrigger Mode | |
| Allow Late in (255 max) | 0 | Allow Late in (255 max) | |
| LCD Time (255 max) | 0 | LCD time (255 max) | |
| Maintenance Time | | Maintenance Time | |
| Terminal IP Address | | Terminal IP Address | |
| Terminal Submask | | Terminal Submask | |
| Terminal Gateway | | Terminal Gateway | |
| Terminal DNS Server | | Terminal DNS Server | |
| Software Connet Mode | CP Server | Software Connet Mode | |
| Software Port | 2000 | Software Port | |

BackUp Restore

Terminal Status Administrator Door Setup TimeSet TimeZone Group Holiday Setup Reset

Terminal Status

Webbase Command On Device

Save Edit value to Database Transfer to Device Update Config Read from Device Save from Device to Database

| Parameter in Database | | Parameter in Device | |
|--------------------------|---|--------------------------|--|
| Web Admin Log On Account | | Web Admin Log On Account | |
| Web AdminLog On Password | | Web AdminLog On Password | |
| Web User Log On Account | | Web User Log On Account | |
| Web User Log On Password | | Web User Log On Password | |
| Terminal Password | | Terminal Password | |
| Terminal Admin ID #1 | 0 | Terminal Admin ID #1 | |
| Terminal Admin ID #2 | 0 | Terminal Admin ID #2 | |
| Terminal Admin ID #3 | 0 | Terminal Admin ID #3 | |
| Terminal Admin ID #4 | 0 | Terminal Admin ID #4 | |
| Terminal Admin ID #5 | 0 | Terminal Admin ID #5 | |

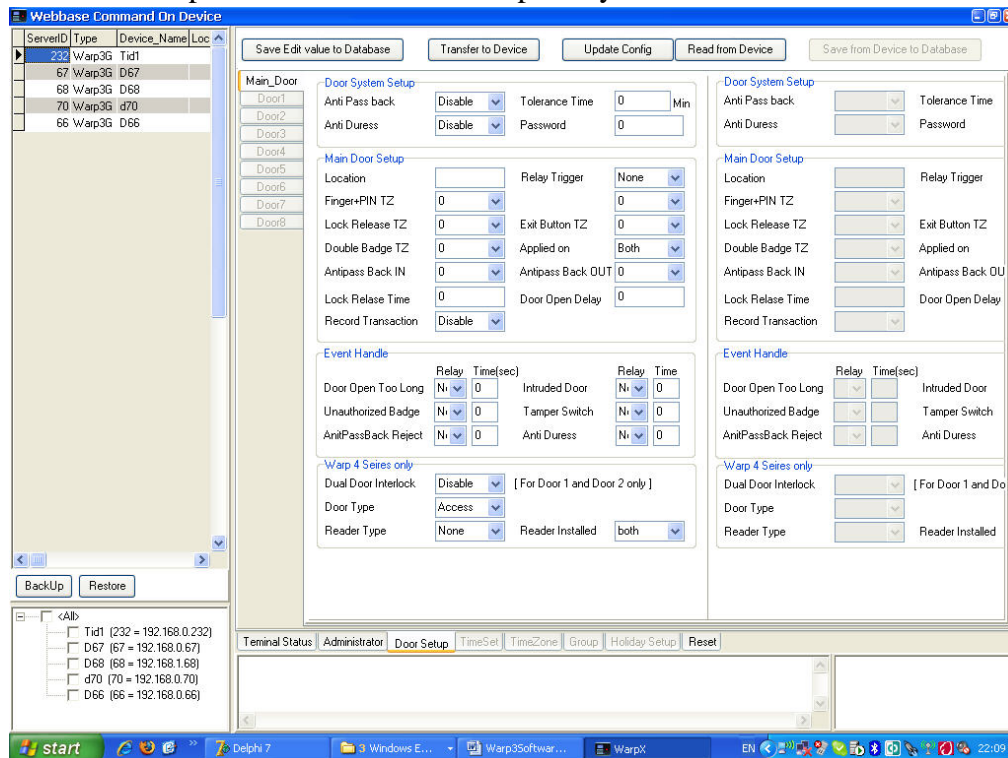
(Administrator must be enrolled with FP)
(The terminal password will be useless when admin ID is assigned)

BackUp Restore

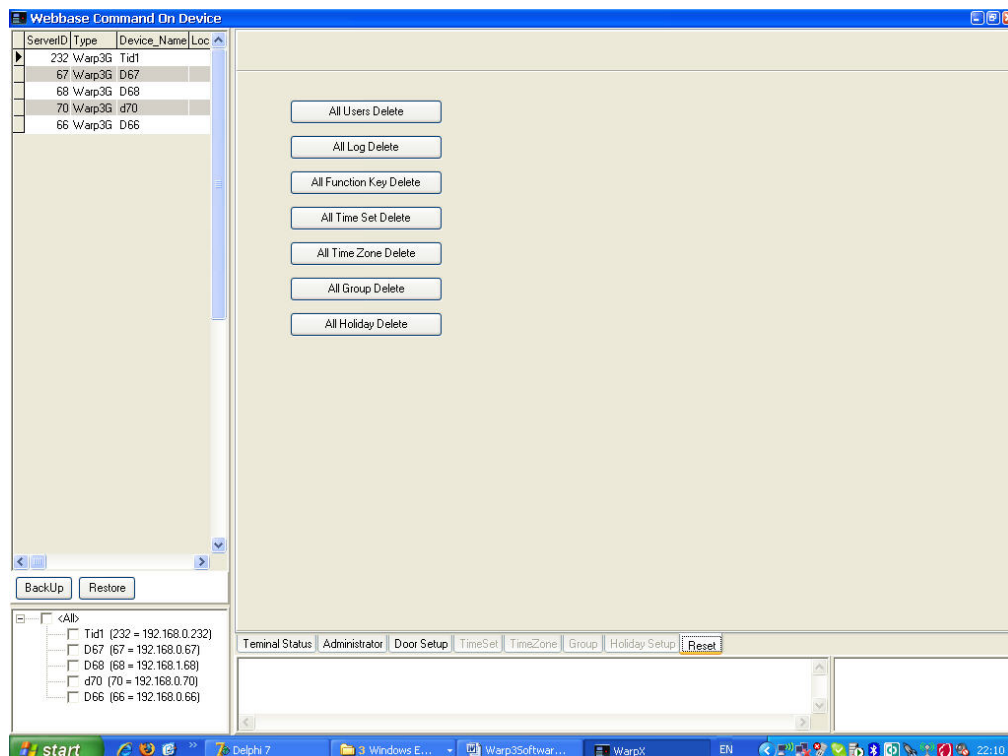
Terminal Status Administrator Door Setup TimeSet TimeZone Group Holiday Setup Reset

Administrator – Read/Write Admin password and Terminal Password.

Door Setup – Read/Write Door setup for system.



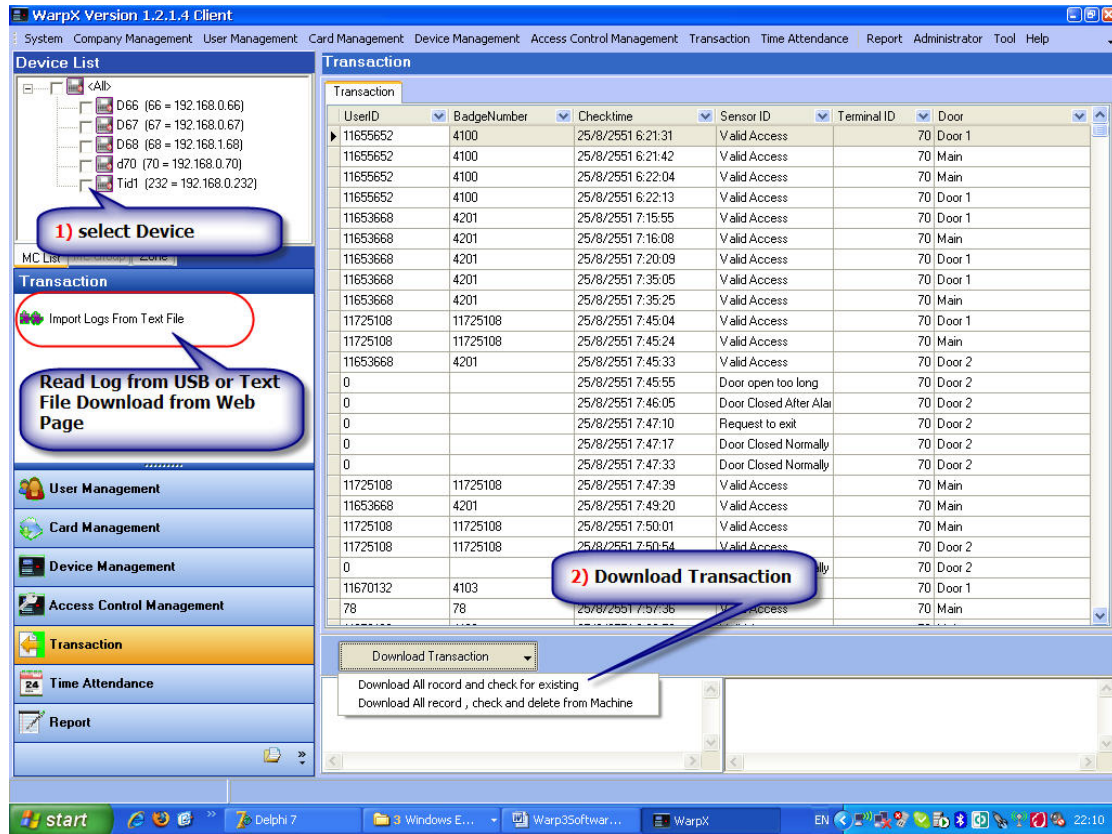
Reset --- Reset all information on the Device such as user information, Logs, Function Keys, Time Set, Time Zone, Access Group, Holiday etc.



3.7.Transaction

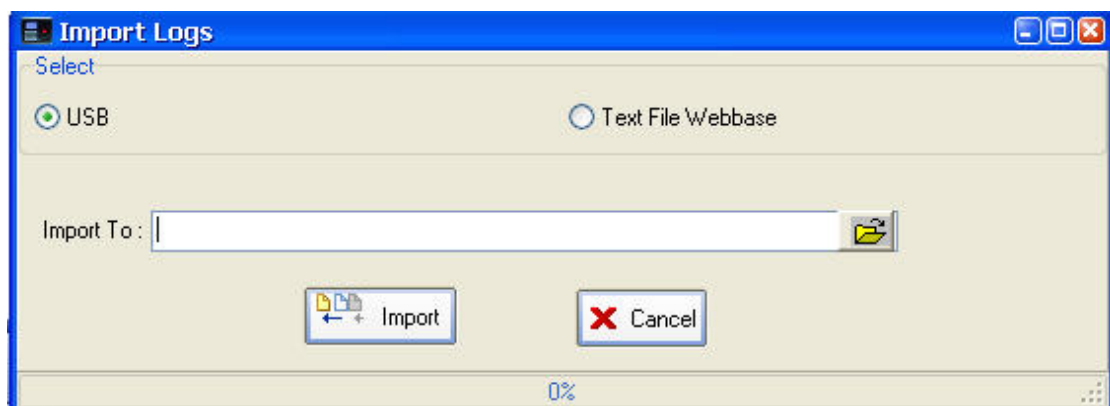
3.7.1. Normal Log

Select Device and click on the Download button to download all log into the Database.



3.7.2. Import Logs From Test File

Download USB and Text file from Web base to system.



3.8. Time attendance

3.8.1. Time Table

Create Time Table define time and working days.

| Name | Start Time | End Time | Late (Min.) | Early (Min.) | Mon. | Tue. | Wed. | Thu. | Fri. | Sat. | Sun. |
|------|------------|----------|-------------|--------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| A | 08:30 | 16:30 | 0 | 0 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| B | 16:30 | 20:00 | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| C | 00:00 | 12:00 | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| D | 08:00 | 16:00 | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| E | 16:00 | 00:00 | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| F | 00:00 | 08:00 | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| G | 02:30 | 20:00 | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Name: A
 Start Time: 08:30
 End Time: 16:30
 Late (mins): 0
 Early (mins): 0
 OT (mins): 30
 Sunday: ☐
 Monday: ☒
 Tuesday: ☒
 Wednesday: ☒
 Thursday: ☒
 Friday: ☒
 Saturday: ☐

3.8.2. Schedule Work

Set schedule to worker.

Filter: Designation: <All> Department: <All> Name: <All> Time Table: <All>

Add Schedule

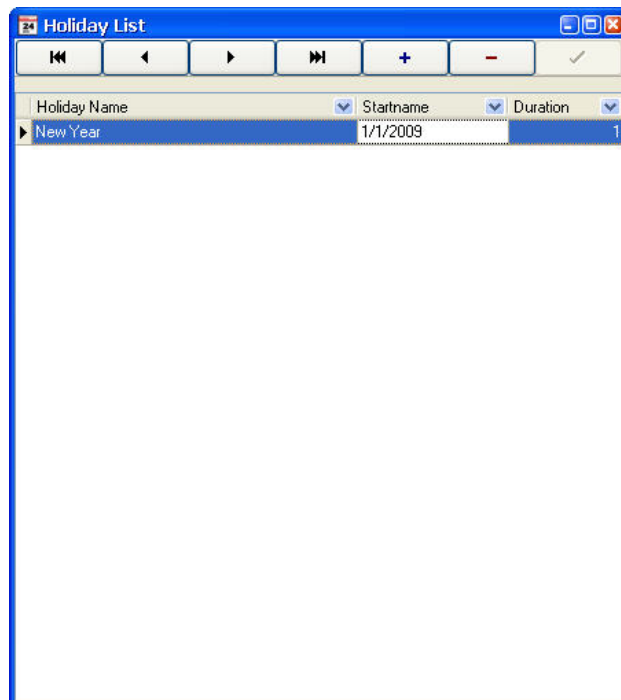
| Select | User ID | Employee ID | Eng. Name | Local Name | Designation | Department | Time Table ID | Time Table Name |
|--------------------------|----------|-------------|------------------|-----------------------|-------------|------------|---------------|-----------------|
| <input type="checkbox"/> | 10472966 | 1 | Mama | Mama | | | 1 | A |
| <input type="checkbox"/> | 10006 | 10006 | Tumda Porapa | Tumda Porapa | | | 1 | A |
| <input type="checkbox"/> | 1001 | 1001 | Ake Udon | Ake Udon | | | 1 | A |
| <input type="checkbox"/> | 10198982 | 1001 | Saiyont Yothavut | Saiyont Yothavut | | | 1 | A |
| <input type="checkbox"/> | 1002 | 1002 | Pam Jongsiri | Pam Jongsiri | | | 1 | A |
| <input type="checkbox"/> | 10457990 | 10022 | Nu- | Nu- | | | 1 | A |
| <input type="checkbox"/> | 1003 | 1003 | Wan Ong | Wan Ong | | | 1 | A |
| <input type="checkbox"/> | 10436918 | 1003 | Valai o- | Valai o- | | | 1 | A |
| <input type="checkbox"/> | 1009 | 1009 | Kal Bert | Kal Bert | | | 1 | A |
| <input type="checkbox"/> | 10355246 | 10355246 | Papa Papa | Papa Papa | | | | |
| <input type="checkbox"/> | 10781410 | 10781410 | Uncle Lee | Uncle Lee | | | | |
| <input type="checkbox"/> | 111 | 111 | Ele Pamara | Ele Pamara | | | | |
| <input type="checkbox"/> | 1112 | 1112 | Jung Zisamoto | Jung Zisamoto | | | | |
| <input type="checkbox"/> | 112233 | 112233 | John Coh | John Coh | | | | |
| <input type="checkbox"/> | 11609428 | 11609428 | Fon | Fon | B | BB | 1 | A |
| <input type="checkbox"/> | 11703108 | 11703108 | Boy Boy | Boy Boy | | | 1 | A |
| <input type="checkbox"/> | 11725108 | 11725108 | Aor Aoty | อริกรัตน์ อิ่มสมบูรณ์ | A | AA | 1 | A |
| <input type="checkbox"/> | 11744948 | 11744948 | | | | | 1 | A |
| <input type="checkbox"/> | 11837044 | 11837044 | | | | | 1 | A |
| <input type="checkbox"/> | 11867332 | 11867332 | Sai | Sai | | | 1 | A |
| <input type="checkbox"/> | 11868612 | 11868612 | | | | | 1 | A |
| <input type="checkbox"/> | 11877844 | 11877844 | | | | | 1 | A |
| <input type="checkbox"/> | 10417302 | 1200 | Jung Card | Jung Card | | | 1 | A |
| <input type="checkbox"/> | 1239 | 1239 | Udom Kitaya | Udom Kitaya | | | | |
| | | 99 | | | | | | |

0%

start Delphi 7 3 Windows Ex... Warp3Software... WarpX EN 22:13

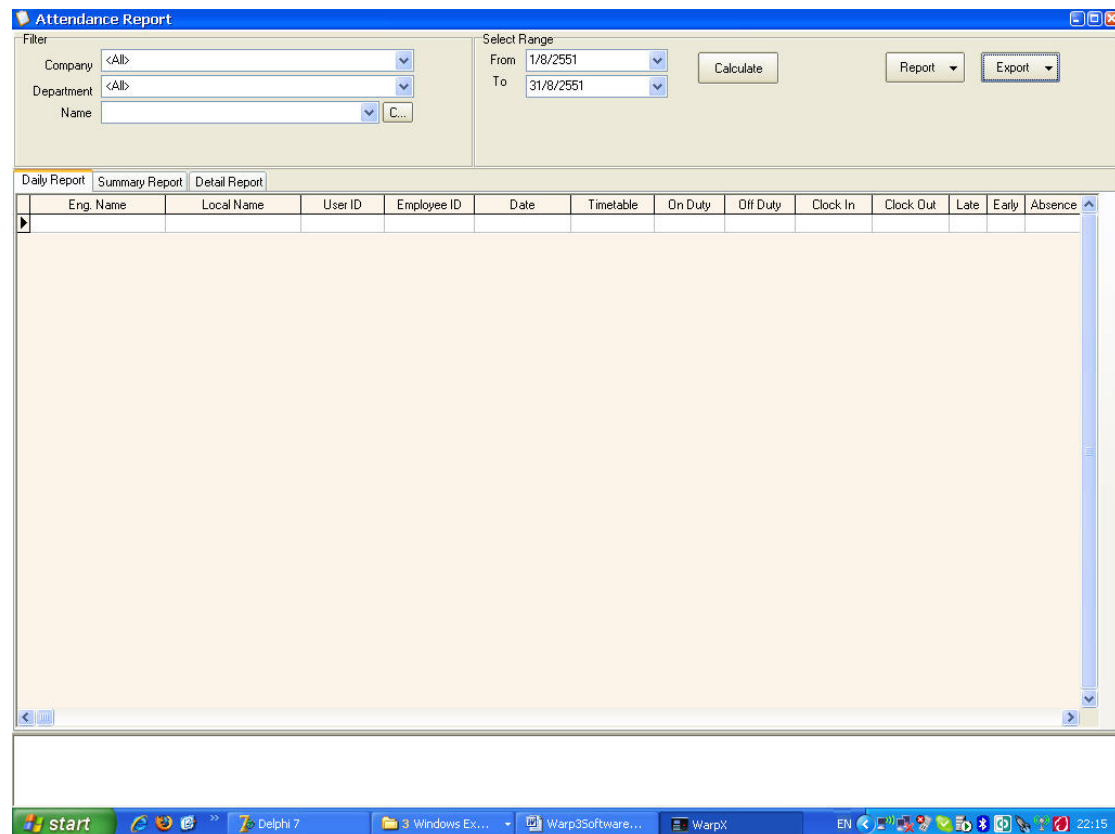
3.8.3. Holiday Time

Create Holiday.



3.8.4. Calculate Time Attendance

Click on [Calculate] button to start process. Then press [Report] button



to display or print report.

3.9. Report

3.9.1. Text File Setup

Text file export format can be set using this page.

Setup Export File

Format Setting

Example of Text Export Format:

IIIIII YYY/MM/DD T Hh:mm cc ==> 100120041231IN083001
 IIII T YY/MM/DD Hh:mm:cc ==> 1001 IN 04/12/31 08.30.01
 III DD/MM/YY T Hh:mm cc ==> 001 31/12/31 IN 08.30.01

Remark:

Functionkey Setting

I : User ID (1-10 Digit)
 B : Employee Id (1-15 Digit)
 S : Identity Card (Default)
 F : Thai Name
 L : Eng. Name
 U : Designation
 V : Department
 W : Paring
 X : Position
 Y : Year
 M : Month
 D : Date
 h : Hour
 m : Minute
 s : Second
 T : Function Key
 c : Terminal ID

TEXTFILE FORMAT CURRENT :

IIIIII YYY/MM/DD T Hh:mm cc

Range Of Time : 0

☐ Mark a checked on Database when Export
☐ Cut off Milisec
☐ Export All Even record
☐ Define Start First Time / End Last Time 00:00:00 23:59:59

Define digit of Userid and Badgenumber and Identity Card. If digit of data is less than

☐ Default
☒ Add 0 at Front
☐ Add 0 at Back
☐ Add Space at Front
☐ Add Space at Back

Define digit of Userid and Badgenumber and Identity Card. If digit of data is more than

☐ Default
☐ Cut Front
☐ Cut Back

Preview Format

TEXT FILE FORMAT : IIIIIII YYY/MM/DD T Hh:mm cc

Range Of Time : 0

☐ Mark a checked on Database when Export
☐ Cut off Milisec
☐ Export All Event record
☐ Define Start First Time / End Last Time 00:00:00 23:59:59

Define digit of Userid and Badgenumber and Identity Card. If digit of data is less than

☐ Default
☒ Add 0 at Front
☐ Add 0 at Back
☐ Add Space at Front
☐ Add Space at Back

Define digit of Userid and Badgenumber and Identity Card. If digit of data is more than

☐ Default
☐ Cut Front
☐ Cut Back

Function Key Define

| Function Key | FunctionName | Define |
|--------------|--------------|--------|
| 0 | None | A |
| 1 | IN | B |
| 2 | OUT | C |
| 16 | F1 | D |
| 32 | F2 | E |
| 48 | F3 | F |
| 64 | F4 | G |
| 17 | F1+1 | H |
| 18 | F1+2 | I |
| 19 | F1+3 | J |
| 20 | F1+4 | K |
| 21 | F1+5 | L |
| 22 | F1+6 | M |
| 23 | F1+7 | N |
| 24 | F1+8 | O |
| 25 | F1+9 | P |

Write Close

3.9.2. Time Attendance Report

Time attendance report (first in/ last out) . User can export text file using Text file export format that had been set (3.9.1) .

Time Attendance Report

Define TextFile

Filter

Designation <All>
 Department <All>
 Name <All>

Time Rang

From 1/8/2551 00:00:00
 To 31/8/2551 23:59:59

Door Control

Terminal ID <All>
 Door <All>
 Status <All>

☐ Export To Text File All Event

Find Find Only Transaction Find Transaction and First in Last Out

Export

| User ID | Badgenumber | Thai Firstname | Thai Lastname | Eng. Firstname | Eng. Lastname | Date/Time | Check type | Terminal Name | Door |
|----------|-------------|----------------|---------------|----------------|---------------|------------------|------------|---------------|------|
| 11653668 | 4201 | Tik | Office | Tik | Office | 1/8/2551 7:21:04 | None | d70 | |
| 11653668 | 4201 | Tik | Office | Tik | Office | 1/8/2551 7:21:17 | IN | d70 | |
| 11653668 | 4201 | Tik | Office | Tik | Office | 1/8/2551 7:25:02 | None | d70 | |
| 10417302 | 1200 | Jung | Card | Jung | Card | 1/8/2551 7:29:01 | None | d70 | |
| 1002 | 1002 | Parm | Jongsiri | Pam | Jongsiri | 1/8/2551 7:29:15 | IN | d70 | |
| 10417302 | 1200 | Jung | Card | Jung | Card | 1/8/2551 7:30:31 | OUT | d70 | |
| 10417302 | 1200 | Jung | Card | Jung | Card | 1/8/2551 7:30:54 | OUT | d70 | |
| 1002 | 1002 | Parm | Jongsiri | Pam | Jongsiri | 1/8/2551 7:31:19 | IN | d70 | |
| 10417302 | 1200 | Jung | Card | Jung | Card | 1/8/2551 7:33:23 | None | d70 | |
| 10417302 | 1200 | Jung | Card | Jung | Card | 1/8/2551 7:37:52 | OUT | d70 | |
| 1002 | 1002 | Parm | Jongsiri | Pam | Jongsiri | 1/8/2551 7:38:30 | IN | d70 | |

Transaction Report

From 1/8/2551 00:00:00 To 1/9/2551 23:59:59

| No. | User ID - Name: | Employee ID | Date / Time | Terminal | Door | Status |
|-----|---------------------|-------------|------------------|----------|-----------|--------------|
| 1 | 11653668 Tik Office | 4201 | 1/8/2551 7:21:04 | d70 | Door 1 | Valid Access |
| 2 | 11653668 Tik Office | 4201 | 1/8/2551 7:21:17 | d70 | Main Door | valid Access |
| 3 | 11653668 Tik Office | 4201 | 1/8/2551 7:25:02 | d70 | Door 1 | Valid Access |
| 4 | 10417302 Jung Card | 1200 | 1/8/2551 7:29:01 | d70 | Door 1 | Valid Access |
| 5 | 1002 Pam Jongsiri | 1002 | 1/8/2551 7:29:15 | d70 | Main Door | valid Access |
| 6 | 10417302 Jung Card | 1200 | 1/8/2551 7:30:31 | d70 | Main Door | Valid Access |
| 7 | 10417302 Jung Card | 1200 | 1/8/2551 7:30:54 | d70 | Main Door | Valid Access |
| 8 | 1002 Pam Jongsiri | 1002 | 1/8/2551 7:31:19 | d70 | Main Door | valid Access |
| 9 | 10417302 Jung Card | 1200 | 1/8/2551 7:33:23 | d70 | Door 2 | Valid Access |
| 10 | 10417302 Jung Card | 1200 | 1/8/2551 7:37:52 | d70 | Main Door | Valid Access |
| 11 | 1002 Pam Jongsiri | 1002 | 1/8/2551 7:38:30 | d70 | Main Door | valid Access |
| 12 | 11749764 Eak | 4102 | 1/8/2551 7:41:33 | d70 | Door 1 | Valid Access |
| 13 | 11749764 Eak | 4102 | 1/8/2551 7:41:52 | d70 | Main Door | valid Access |

Transaction Report

From 1/8/2551 00:00:00 To 13/8/2551 23:59:59

| No. | User ID - Name: | Employee ID | Date / Time | Terminal | Door | Status |
|-----|-------------------|-------------|-------------------|----------|-----------|--------------|
| 1 | 78 Kwan L | 78 | 8/8/2008 7:44:21 | d70 | Main Door | |
| 2 | 78 Kwan L | 78 | 8/8/2008 8:05:34 | d70 | Main Door | |
| 3 | 78 Kwan L | 78 | 9/8/2008 8:45:53 | d70 | Main Door | valid Access |
| 4 | 78 Kwan L | 78 | 11/8/2008 8:43:52 | d70 | Main Door | |
| 5 | 78 Kwan L | 78 | 11/8/2008 9:15:40 | d70 | Main Door | |
| 6 | 78 Kwan L | 78 | 13/8/2008 7:44:52 | d70 | Main Door | Valid Access |
| 7 | 1001 Ake Udon | 1001 | 2/8/2008 9:47:36 | d70 | Door 1 | |
| 8 | 1001 Ake Udon | 1001 | 2/8/2008 9:59:16 | d70 | Door 1 | |
| 9 | 1002 Pam Jongsiri | 1002 | 1/8/2008 7:29:15 | d70 | Main Door | |
| 10 | 1002 Pam Jongsiri | 1002 | 1/8/2008 20:04:21 | d70 | Main Door | |
| 11 | 1002 Pam Jongsiri | 1002 | 2/8/2008 8:21:24 | d70 | Main Door | |
| 12 | 1002 Pam Jongsiri | 1002 | 2/8/2008 16:52:41 | d70 | Main Door | |
| 13 | 1002 Pam Jongsiri | 1002 | 4/8/2008 9:25:07 | d70 | Main Door | |

Work Day Report

From 1/8/2551 To 13/8/2551

| User ID / Employee ID / Name | Date | IN | OUT | Rem IN | Rem Out | Work |
|------------------------------|----------|----------|----------|--------|---------|------|
| 10457990 / 10022 Nu- | 5/8/2008 | 8:52:41 | 16:07:06 | | | W |
| 10457990 / 10022 Nu- | 6/8/2008 | 8:53:05 | 15:57:30 | | | W |
| 10457990 / 10022 Nu- | 7/8/2008 | 8:46:40 | 15:56:55 | | | W |
| 10457990 / 10022 Nu- | 8/8/2008 | 11:40:56 | 15:15:59 | | | W |
| 10457990 / 10022 Nu- | 9/8/2008 | 9:47:04 | 17:16:20 | | | W |

3.9.3. Access Control Report

Access report can be display using filter date/time and status .

| Access Control Report | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-------------|----------------|---------------|----------------|---------------|------------------|--------------|---------------|---------------|-----------|--------|--|---------|-------------|----------------|---------------|----------------|---------------|-----------|-------------|---------------|------|-----------|--------|----------|------|-----|--------|-----|--------|------------------|--------|--------|--------------|----|----------|------|-----|--------|-----|--------|------------------|--------|----------|--------------|----|----------|------|-----|--------|-----|--------|------------------|--------|--------|--------------|-----|----------|------|------|------|------|------|------------------|--------|--------|--------------|----|------------|------|-----|----------|-----|----------|------------------|--------|----------|--------------|----|----------|------|------|------|------|------|------------------|--------|----------|--------------|-----|----------|------|------|------|------|------|------------------|--------|----------|--------------|-----|------------|------|-----|----------|-----|----------|------------------|--------|----------|--------------|----|----------|------|------|------|------|------|------------------|--------|--------|--------------|----|---|--|--|--|--|--|------------------|--------|--------|---------------|--|---|--|--|--|--|--|------------------|--------|--------|---------------|--|
| Filter | | | Time Rang | | | | Door Control | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Designation | <All> | | From | 1/8/2551 | 00:00:00 | | Terminal ID | <All> | | Find | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Department | <All> | | To | 31/8/2551 | 23:59:59 | | Door | <All> | | Report | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Name | <All> | | | | | | Status | <All> | | Export | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Record Filter | 11011 | Record | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <div> <div>All Transaction</div> <div>First In - Last Out</div> </div> <table border="1"> <thead> <tr> <th>User ID</th> <th>Badgenumber</th> <th>Thai Firstname</th> <th>Thai Lastname</th> <th>Eng. firstname</th> <th>Eng. lastname</th> <th>Checktime</th> <th>Terminal ID</th> <th>Terminal Name</th> <th>Door</th> <th>Sensor ID</th> <th>In/Out</th> </tr> </thead> <tbody> <tr><td>11653668</td><td>4201</td><td>Tik</td><td>Office</td><td>Tik</td><td>Office</td><td>1/8/2008 7:21:04</td><td>70 d70</td><td>Door 1</td><td>Valid Access</td><td>In</td></tr> <tr><td>11653668</td><td>4201</td><td>Tik</td><td>Office</td><td>Tik</td><td>Office</td><td>1/8/2008 7:21:17</td><td>70 d70</td><td>Main Doc</td><td>valid Access</td><td>In</td></tr> <tr><td>11653668</td><td>4201</td><td>Tik</td><td>Office</td><td>Tik</td><td>Office</td><td>1/8/2008 7:25:02</td><td>70 d70</td><td>Door 1</td><td>Valid Access</td><td>Out</td></tr> <tr><td>10417302</td><td>1200</td><td>Jung</td><td>Card</td><td>Jung</td><td>Card</td><td>1/8/2008 7:29:01</td><td>70 d70</td><td>Door 1</td><td>Valid Access</td><td>In</td></tr> <tr><td>3851017814</td><td>1002</td><td>Pam</td><td>Jongsiri</td><td>Pam</td><td>Jongsiri</td><td>1/8/2008 7:29:15</td><td>70 d70</td><td>Main Doc</td><td>valid Access</td><td>In</td></tr> <tr><td>10417302</td><td>1200</td><td>Jung</td><td>Card</td><td>Jung</td><td>Card</td><td>1/8/2008 7:30:31</td><td>70 d70</td><td>Main Doc</td><td>Valid Access</td><td>Out</td></tr> <tr><td>10417302</td><td>1200</td><td>Jung</td><td>Card</td><td>Jung</td><td>Card</td><td>1/8/2008 7:30:54</td><td>70 d70</td><td>Main Doc</td><td>Valid Access</td><td>Out</td></tr> <tr><td>3851017814</td><td>1002</td><td>Pam</td><td>Jongsiri</td><td>Pam</td><td>Jongsiri</td><td>1/8/2008 7:31:19</td><td>70 d70</td><td>Main Doc</td><td>valid Access</td><td>In</td></tr> <tr><td>10417302</td><td>1200</td><td>Jung</td><td>Card</td><td>Jung</td><td>Card</td><td>1/8/2008 7:33:23</td><td>70 d70</td><td>Door 2</td><td>Valid Access</td><td>In</td></tr> <tr><td>0</td><td></td><td></td><td></td><td></td><td></td><td>1/8/2008 7:33:28</td><td>70 d70</td><td>Door 2</td><td>Door Closed n</td><td></td></tr> <tr><td>0</td><td></td><td></td><td></td><td></td><td></td><td>1/8/2008 7:33:31</td><td>70 d70</td><td>Door 2</td><td>Door Closed n</td><td></td></tr> </tbody> </table> | | | | | | | | | | | | | User ID | Badgenumber | Thai Firstname | Thai Lastname | Eng. firstname | Eng. lastname | Checktime | Terminal ID | Terminal Name | Door | Sensor ID | In/Out | 11653668 | 4201 | Tik | Office | Tik | Office | 1/8/2008 7:21:04 | 70 d70 | Door 1 | Valid Access | In | 11653668 | 4201 | Tik | Office | Tik | Office | 1/8/2008 7:21:17 | 70 d70 | Main Doc | valid Access | In | 11653668 | 4201 | Tik | Office | Tik | Office | 1/8/2008 7:25:02 | 70 d70 | Door 1 | Valid Access | Out | 10417302 | 1200 | Jung | Card | Jung | Card | 1/8/2008 7:29:01 | 70 d70 | Door 1 | Valid Access | In | 3851017814 | 1002 | Pam | Jongsiri | Pam | Jongsiri | 1/8/2008 7:29:15 | 70 d70 | Main Doc | valid Access | In | 10417302 | 1200 | Jung | Card | Jung | Card | 1/8/2008 7:30:31 | 70 d70 | Main Doc | Valid Access | Out | 10417302 | 1200 | Jung | Card | Jung | Card | 1/8/2008 7:30:54 | 70 d70 | Main Doc | Valid Access | Out | 3851017814 | 1002 | Pam | Jongsiri | Pam | Jongsiri | 1/8/2008 7:31:19 | 70 d70 | Main Doc | valid Access | In | 10417302 | 1200 | Jung | Card | Jung | Card | 1/8/2008 7:33:23 | 70 d70 | Door 2 | Valid Access | In | 0 | | | | | | 1/8/2008 7:33:28 | 70 d70 | Door 2 | Door Closed n | | 0 | | | | | | 1/8/2008 7:33:31 | 70 d70 | Door 2 | Door Closed n | |
| User ID | Badgenumber | Thai Firstname | Thai Lastname | Eng. firstname | Eng. lastname | Checktime | Terminal ID | Terminal Name | Door | Sensor ID | In/Out | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11653668 | 4201 | Tik | Office | Tik | Office | 1/8/2008 7:21:04 | 70 d70 | Door 1 | Valid Access | In | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11653668 | 4201 | Tik | Office | Tik | Office | 1/8/2008 7:21:17 | 70 d70 | Main Doc | valid Access | In | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11653668 | 4201 | Tik | Office | Tik | Office | 1/8/2008 7:25:02 | 70 d70 | Door 1 | Valid Access | Out | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10417302 | 1200 | Jung | Card | Jung | Card | 1/8/2008 7:29:01 | 70 d70 | Door 1 | Valid Access | In | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3851017814 | 1002 | Pam | Jongsiri | Pam | Jongsiri | 1/8/2008 7:29:15 | 70 d70 | Main Doc | valid Access | In | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10417302 | 1200 | Jung | Card | Jung | Card | 1/8/2008 7:30:31 | 70 d70 | Main Doc | Valid Access | Out | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10417302 | 1200 | Jung | Card | Jung | Card | 1/8/2008 7:30:54 | 70 d70 | Main Doc | Valid Access | Out | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3851017814 | 1002 | Pam | Jongsiri | Pam | Jongsiri | 1/8/2008 7:31:19 | 70 d70 | Main Doc | valid Access | In | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10417302 | 1200 | Jung | Card | Jung | Card | 1/8/2008 7:33:23 | 70 d70 | Door 2 | Valid Access | In | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0 | | | | | | 1/8/2008 7:33:28 | 70 d70 | Door 2 | Door Closed n | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0 | | | | | | 1/8/2008 7:33:31 | 70 d70 | Door 2 | Door Closed n | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Transaction Report

From 1/8/2551 00:00:00 To 1/9/2551 23:59:59

| No. | User ID - Name: | Employee ID | Date / Time | Terminal | Door | Status | In/Out | Mod |
|-----|-------------------------|-------------|------------------|----------|-----------|----------------------|--------|-----|
| 1 | 11653668 Tik Office | 4201 | 1/8/2551 7:21:04 | d70 | Door 1 | Valid Access | In | C |
| 2 | 11653668 Tik Office | 4201 | 1/8/2551 7:21:17 | d70 | Main Door | valid Access | In | C |
| 3 | 11653668 Tik Office | 4201 | 1/8/2551 7:25:02 | d70 | Door 1 | Valid Access | Out | C |
| 4 | 10417302 Jung Card | 1200 | 1/8/2551 7:29:01 | d70 | Door 1 | Valid Access | In | C |
| 5 | 3851017814 Pam Jongsiri | 1002 | 1/8/2551 7:29:15 | d70 | Main Door | valid Access | In | F |
| 6 | 10417302 Jung Card | 1200 | 1/8/2551 7:30:31 | d70 | Main Door | Valid Access | Out | C |
| 7 | 10417302 Jung Card | 1200 | 1/8/2551 7:30:54 | d70 | Main Door | Valid Access | Out | C |
| 8 | 3851017814 Pam Jongsiri | 1002 | 1/8/2551 7:31:19 | d70 | Main Door | valid Access | In | F |
| 9 | 10417302 Jung Card | 1200 | 1/8/2551 7:33:23 | d70 | Door 2 | Valid Access | In | C |
| 10 | 0 | | 1/8/2551 7:33:28 | d70 | Door 2 | Door Closed normally | | |

Work Day Report

From 1/8/2551 To 1/9/2551

| User ID / Employee ID / Name | Date | IN | OUT | Rem IN | Rem Out | Work |
|------------------------------|-----------|----------|----------|--------|---------|------|
| 11655652 / 4100 ODD | 1/8/2551 | 8:33:47 | 15:11:49 | | | W |
| 11655652 / 4100 ODD | 10/8/2551 | | | | | |
| 11655652 / 4100 ODD | 11/8/2551 | 8:12:45 | 13:40:32 | | | W |
| 11655652 / 4100 ODD | 12/8/2551 | | | | | |
| 11655652 / 4100 ODD | 13/8/2551 | | | | | |
| 11655652 / 4100 ODD | 14/8/2551 | 8:03:00 | | | | W |
| 11655652 / 4100 ODD | 15/8/2551 | 10:32:04 | 16:01:06 | | | W |
| 11655652 / 4100 ODD | 16/8/2551 | 8:32:05 | 14:22:15 | | | W |

Access Control Report

Filter: Designation <All> Department <All> Name <All> Record Filter 11011 Record

Time Range: From 1/8/2551 00:00:00 To 31/8/2551 23:59:59

Door Control: Terminal ID <All> Door <All> Status Request to exit;Door Closed Normally

Find Report Export

All Transaction First In - Last Out

| User ID | Badgenumber | Thai Firstname | Thai Lastname | Eng. firstname | Eng. lastname | Date | Time | Door | Sensor ID | In/Out |
|------------|-------------|----------------|---------------|----------------|---------------|-----------|----------|--------|-----------|--------------|
| 14215028 | 4301 | Jung | Lak | Jung | Lak | 26/8/2008 | 17:03:51 | 70 d70 | Main Doc | Valid Access |
| 14215028 | 4301 | Jung | Lak | Jung | Lak | 26/8/2008 | 17:03:51 | 70 d70 | Door 1 | Valid Access |
| 11887348 | | | | | | 26/8/2008 | 17:03:51 | 70 d70 | Main Doc | Valid Access |
| 11887348 | | | | | | 26/8/2008 | 17:03:51 | 70 d70 | Door 1 | Valid Access |
| 10417302 | 1200 | Jung | Card | Jung | Card | 26/8/2008 | 17:06:31 | 70 d70 | Door 1 | Valid Access |
| 3851017814 | | | | | | 26/8/2008 | 17:06:51 | 70 d70 | Main Doc | Valid Access |
| 10417302 | 1200 | Jung | Card | Jung | Card | 26/8/2008 | 17:08:01 | 70 d70 | Main Doc | Valid Access |
| 10417302 | 1200 | Jung | Card | Jung | Card | 26/8/2008 | 17:08:11 | 70 d70 | Door 1 | Valid Access |
| 14215028 | 4301 | Jung | Lak | Jung | Lak | 26/8/2008 | 17:10:51 | 70 d70 | Door 1 | Valid Access |
| 14215028 | 4301 | Jung | Lak | Jung | Lak | 26/8/2008 | 17:11:01 | 70 d70 | Main Doc | Valid Access |

3.9.4. Card Report

This report will show information of card usage.

Report Card

Time Range: From 1/8/2551 00:00:00 To 31/8/2551 23:59:59

Find Report Export

Card Report

| Card ID | Badgenumber | Name | Start date | End date | Status |
|-------------|-------------|--------------------|------------|------------|--------|
| -1573948395 | 2721018901 | | 19/8/2551 | 31/12/2642 | Active |
| -443949482 | 1002 | Jung | 19/8/2551 | 31/12/2642 | Active |
| -294967295 | 220701 | Thidarat Nitiamorn | 19/8/2551 | 31/12/2642 | Active |
| 214783649 | 214783649 | | 19/8/2551 | 31/12/2642 | Active |

Card Report

From 1/8/2551 00:00:00 To 1/9/2551 23:59:59

| Card ID : 2721018901 | | | | | |
|----------------------|-------------|------|------------|------------|--------|
| No. | Employee ID | Name | Start Date | End Date | Status |
| 1 | 2721018901 | | 19/8/2551 | 31/12/2642 | Use |

| Card ID : 3851017814 | | | | | |
|----------------------|-------------|------|------------|------------|--------|
| No. | Employee ID | Name | Start Date | End Date | Status |
| 1 | 1002 | Jung | 19/8/2551 | 31/12/2642 | Use |

| Card ID : 4000000001 | | | | | |
|----------------------|-------------|--------------------|------------|------------|--------|
| No. | Employee ID | Name | Start Date | End Date | Status |
| 1 | 220701 | Thidarat Nitiamorn | 19/8/2551 | 31/12/2642 | Use |

| Card ID : 214783649 | | | | | |
|---------------------|-------------|------|------------|------------|--------|
| No. | Employee ID | Name | Start Date | End Date | Status |
| 1 | 214783649 | | 19/8/2551 | 31/12/2642 | Use |

3.9.5. All Data Report

Display user information either on the Database or Device.

The screenshot shows the 'Data In Device' application window. The 'User Data' tab is active, displaying a table of user information. The table has columns: Device, User ID, Thai Name, Eng. Name, Badgenumber, Status, Workmoe, Group, Fingerpi, and Amount. The data is filtered by 'All' and 'No Fingerprint'. The 'Device List' on the left shows a list of devices with checkboxes for selection. The 'Database' device is selected.

| Device | User ID | Thai Name | Eng. Name | Badgenumber | Status | Workmoe | Group | Fingerpi | Amount |
|----------|-----------|--------------|-----------------|-------------|--------|---------|-------|----------|--------|
| Database | 11770724 | Udom | Udom | 4111 | 1 | 4 | 1 | - | 0 |
| Database | 11615812 | Dang | Dang | 4105 | 1 | 4 | 1 | - | 0 |
| Database | 11653668 | Tik Office | Tik Office | 4201 | 1 | 4 | 1 | - | 0 |
| Database | 11655652 | DDD | DDD | 4100 | 1 | 4 | 1 | - | 0 |
| Database | 11670132 | Smor | Smor | 4103 | 1 | 4 | 1 | - | 0 |
| Database | 11703108 | Boy Boy | Boy Boy | 11703108 | 1 | 4 | 1 | - | 0 |
| Database | 11706692 | Ummuey | Ummuey | 4202 | 1 | 4 | 1 | - | 0 |
| Database | 1001 | Mr.Ake Udon | Mr.Ake Udon | 1001 | 1 | 1 | 1 | - | 0 |
| Database | 11744948 | | | 11744948 | 1 | 4 | 1 | - | 0 |
| Database | 11749764 | Eak | Eak | 4102 | 1 | 4 | 1 | - | 0 |
| Database | 11559012 | Boo | Boo | 4303 | 1 | 4 | 1 | - | 0 |
| Database | 11812068 | Rung | Rung | 4101 | 1 | 4 | 1 | - | 0 |
| Database | 11837044 | | | 11837044 | 1 | 4 | 2 | - | 0 |
| Database | 11844020 | Pimon | Pimon | 4104 | 1 | 4 | 2 | - | 0 |
| Database | 11867332 | Sai | Sai | 11867332 | 1 | 4 | 2 | - | 0 |
| Database | 11868612 | | | 11868612 | 1 | 4 | 2 | - | 0 |
| Database | 11877844 | | | 11877844 | 1 | 4 | 1 | - | 0 |
| Database | 11894948 | Poo --- | Poo --- | 11894948 | 1 | 4 | 1 | - | 0 |
| Database | 13393178 | | | 13393178 | 1 | 4 | 1 | - | 0 |
| Database | 14215028 | Jung Lak | Jung Lak | 4301 | 1 | 4 | 1 | - | 0 |
| Database | 891023018 | | | 891023018 | 1 | 4 | 1 | - | 0 |
| Database | 9035350 | | | 9035350 | 1 | 4 | 1 | - | 0 |
| Database | 1003 | Wan Ong | Mr.Wan Ong | 1003 | 1 | 1 | 1 | - | 0 |
| Database | 1009 | Kal Bert | Mr.Kal Bert | 1009 | 1 | 1 | 1 | - | 0 |
| Database | 1239 | Udom Kitaya | Mr.Udom Kitaya | 1239 | 1 | 1 | 2 | - | 0 |
| Database | 10006 | Tumda Porapa | Mr.Tumda Porapa | 10006 | 1 | 1 | 1 | - | 0 |

3.10. System

3.10.1. Preference

Parameter setup in system , database etc.

The screenshot shows the 'Preference' application window with the 'System Setup' tab selected. The settings are as follows:

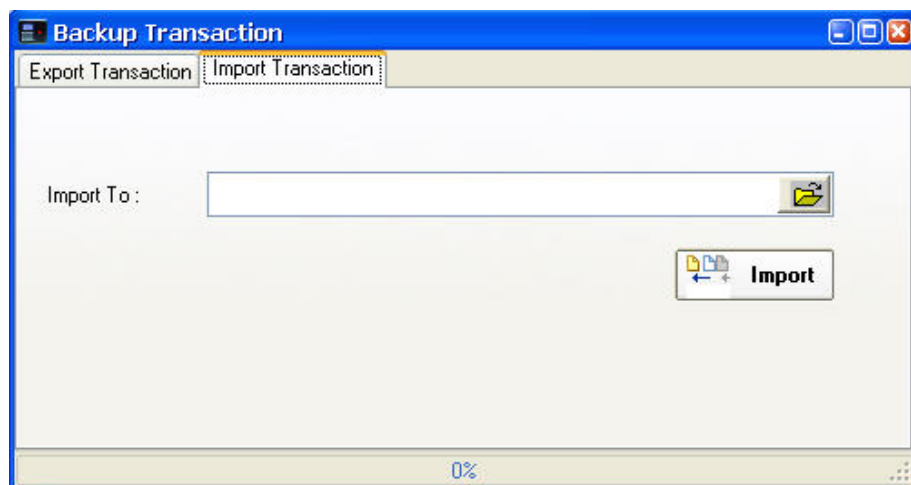
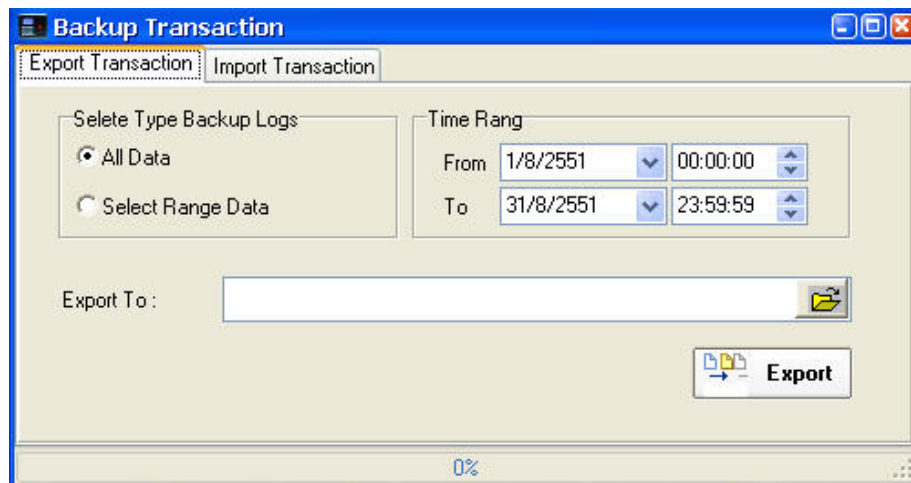
- Language:** English
- Networking:** Standalone (Direct Connect) is selected. ServerIP is 127.0.0.1 and Port is 2001.
- Mifare USB Card Reader [YMCR500]:** Not installed. Visual com port connect to: 0.
- Lan Timeout:** Read Timeout is 5000 and Connect Timeout is 5000.
- USB import to [using WarpExporter program only]:** Separate DataBase is selected.
- Disable [Duplicate Finger Check] when Transfer uesinfo and Enable it after it is done:** Not checked.

3.10.2. Backup Database

For user who used Microsoft Corporation Access database, MDB, user can backup the file to backup directory.

3.10.3. Backup Transaction

For user who used Microsoft Corporation Access database, MDB, user can backup the transaction to backup directory.



3.10.4. Compare Database

This function is only valet if “Secondary Database” is activate.
It will compare the primary and secondary database.

Compair Database

Filter View

Select:

☐ Check Range Memo Date

From: 1/8/2551 00:00:00 To: 31/8/2551 23:59:59

| New User ID | Badgenumber | Title | Firstname | Lastname | Old User ID | Date Memo | Type | Date Adjust | Adjust |
|-------------|-------------|-------|-----------|----------|-------------|--------------------|-------|-------------|--------------------------|
| 1001 | | | | | 0 | 31/7/2551 10:59:11 | เพิ่ม | | <input type="checkbox"/> |
| 1002 | | | | | 0 | 31/7/2551 13:55:23 | เพิ่ม | | <input type="checkbox"/> |
| 1003 | | | | | 0 | 31/7/2551 13:56:42 | เพิ่ม | | <input type="checkbox"/> |
| 10006 | | | | | 0 | 31/7/2551 14:07:22 | เพิ่ม | | <input type="checkbox"/> |
| 1009 | | | | | 0 | 31/7/2551 14:10:45 | เพิ่ม | | <input type="checkbox"/> |
| 940620866 | | | | | 0 | 31/7/2551 14:32:55 | เพิ่ม | | <input type="checkbox"/> |
| 11725108 | | | | | 0 | 1/8/2551 12:12:21 | แก้ไข | | <input type="checkbox"/> |
| 11725108 | | | | | 0 | 1/8/2551 12:13:22 | แก้ไข | | <input type="checkbox"/> |
| 11609428 | | | | | 0 | 1/8/2551 12:13:45 | แก้ไข | | <input type="checkbox"/> |
| 11887348 | | | | | 0 | 4/8/2551 13:44:15 | แก้ไข | | <input type="checkbox"/> |
| 10198982 | | | | | 0 | 13/8/2551 18:21:40 | แก้ไข | | <input type="checkbox"/> |
| 1258 | | | | | 0 | 15/8/2551 2:50:26 | แก้ไข | | <input type="checkbox"/> |
| 2721018901 | | | | | 0 | 16/8/2551 12:52:12 | แก้ไข | | <input type="checkbox"/> |
| 214783649 | | | | | 0 | 19/8/2551 10:19:33 | เพิ่ม | | <input type="checkbox"/> |
| 214783649 | | | | | 0 | 19/8/2551 10:19:40 | แก้ไข | | <input type="checkbox"/> |
| 4111111111 | | | | | 0 | 19/8/2551 10:20:09 | เพิ่ม | | <input type="checkbox"/> |
| 4111111111 | | | | | 0 | 19/8/2551 10:20:14 | แก้ไข | | <input type="checkbox"/> |
| 4111111111 | | | | | 0 | 19/8/2551 10:20:18 | แก้ไข | | <input type="checkbox"/> |
| 1239 | | | | | 0 | 19/8/2551 17:01:59 | เพิ่ม | | <input type="checkbox"/> |
| 1239 | | | | | 0 | 19/8/2551 17:02:12 | แก้ไข | | <input type="checkbox"/> |
| 1239 | | | | | 0 | 19/8/2551 17:04:56 | แก้ไข | | <input type="checkbox"/> |
| 3851017814 | | | | | 0 | 19/8/2551 18:58:36 | แก้ไข | | <input type="checkbox"/> |
| 10417302 | | | | | 0 | 20/8/2551 8:33:59 | แก้ไข | | <input type="checkbox"/> |
| 2721018901 | | | | | 0 | 21/8/2551 11:11:20 | แก้ไข | | <input type="checkbox"/> |
| 3851017814 | | | | | 0 | 21/8/2551 11:12:00 | แก้ไข | | <input type="checkbox"/> |
| 1258 | | | | | 0 | 21/8/2551 11:12:17 | แก้ไข | | <input type="checkbox"/> |
| 1239 | | | | | 0 | 21/8/2551 11:12:39 | แก้ไข | | <input type="checkbox"/> |
| 4000000001 | | | | | 0 | 21/8/2551 11:13:17 | แก้ไข | | <input type="checkbox"/> |
| 4111111111 | | | | | 0 | 21/8/2551 11:13:29 | แก้ไข | | <input type="checkbox"/> |

3.11. Company Management



3.11.1. Designation

A screenshot of the 'Designation' management window. It features a blue title bar with a close button. Below the title bar are three buttons: 'Add' (with a green plus icon), 'Save' (with a blue floppy disk icon), and 'Delete' (with a blue trash can icon). The main area contains two input fields: 'Designation ID : 1002' and 'Designation Name : B'. At the bottom, there is a table with two columns: 'DesIndex' and 'Designation'. The table contains two rows: one with '1001' and 'A', and another with '1002' and 'B'. The second row is selected, indicated by a blue highlight and a small arrow on the left.

| DesIndex | Designation |
|----------|-------------|
| 1001 | A |
| 1002 | B |

3.11.2. Department

A screenshot of the 'Department' management window. It features a blue title bar with a close button. Below the title bar are three buttons: 'Add' (with a green plus icon), 'Save' (with a blue floppy disk icon), and 'Delete' (with a blue trash can icon). The main area contains two input fields: 'Department ID : 2002' and 'Department Name : BB'. At the bottom, there is a table with two columns: 'DeptIndex' and 'Department'. The table contains two rows: one with '2001' and 'AA', and another with '2002' and 'BB'. The second row is selected, indicated by a blue highlight and a small arrow on the left.

| DeptIndex | Department |
|-----------|------------|
| 2001 | AA |
| 2002 | BB |

3.11.3. Section

Section

Add Save Delete

Section ID : 3001

Section Name : 1

| Section ID | Section Name |
|------------|--------------|
| 3001 | 1 |

3.11.4. Postion

Position

Add Save Delete

Position ID : 4001

Position Name : AAAA

| PositionIndex | Positioninfo |
|---------------|--------------|
| 4001 | AAAA |

3.12. Administrator

Administrator can setup Software Usage account by enable each user to access in each categories.

Set Admin Software

| User ID | Employee ID | Local Name | Eng. Name | nSecurityLevel |
|---------|-------------|------------|-----------|----------------|
| | | | | |

Add Edit Delete Cancel Save Preview

Select User Control

User Name :

Security Level :

Password :

Confirm :

☒ Activate

Select Page Control

- ☐ System
 - ☐ Setup Database
 - ☐ Setup Other Database
 - ☐ Setup Timer for Download
 - ☐ Language
 - ☐ Backup Database
 - ☐ Backup Transaction
 - ☐ Compare Database
- ☐ Company Management
 - ☐ Designation Management
 - ☐ Department Management
 - ☐ Section Management
 - ☐ Position Management
 - ☐ Transfer Company Data to Device
- ☐ User Management
 - ☐ User List
 - ☐ Search User
 - ☐ Download User
 - ☐ Transfer user (manual)
 - ☐ Transfer user (User Group)
 - ☐ Duplicate Fingerprint Checked
- ☐ Card Management

Administrator can also using the software to check the administrator log file of the system by choosing date/time and press [Find]. It will shows all admin logs transactions.

| User ID | Badgenumb | Name | date / Time | Topic | Detail Topic | Add | Edit | Delete | Access Pr | Close Prg |
|---------|-----------|----------|--------------------|-------------|-----------------------------|-------------------------------------|--------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| 0 | | No admin | 26/8/2551 13:28:31 | WarpMonitor | Delete Point of WarpMonitor | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 0 | | No admin | 26/8/2551 13:28:38 | WarpMonitor | Save Point of WarpMonitor | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 0 | | No admin | 26/8/2551 13:28:44 | WarpMonitor | Exit WarpMonitor | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 0 | | No admin | 26/8/2551 13:30:09 | WarpMonitor | Open WarpMonitor | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 0 | | No admin | 26/8/2551 13:30:29 | WarpMonitor | Delete Point of WarpMonitor | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 0 | | No admin | 26/8/2551 13:32:44 | WarpMonitor | Open WarpMonitor | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 0 | | No admin | 26/8/2551 13:34:16 | WarpMonitor | Save Point of WarpMonitor | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 0 | | No admin | 26/8/2551 13:34:22 | WarpMonitor | Exit WarpMonitor | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

3.13. Tools

3.13.1. Import User

Import Data

Select File to Import

Data Type : Employee

Format :

| Column1 | Column2 | Column3 | Column4 |
|--------------|---------|---------|---------|
| * [Dropdown] | | | |

- User ID
- Employee ID
- Card ID
- Thai Firstname
- Thai Lastname
- Eng. FirstName
- Eng. Lastname
- Desigantion
- Department
- Section
- Position
- Address
- Telephone
- Moblie
- Thai Title
- Eng. Title

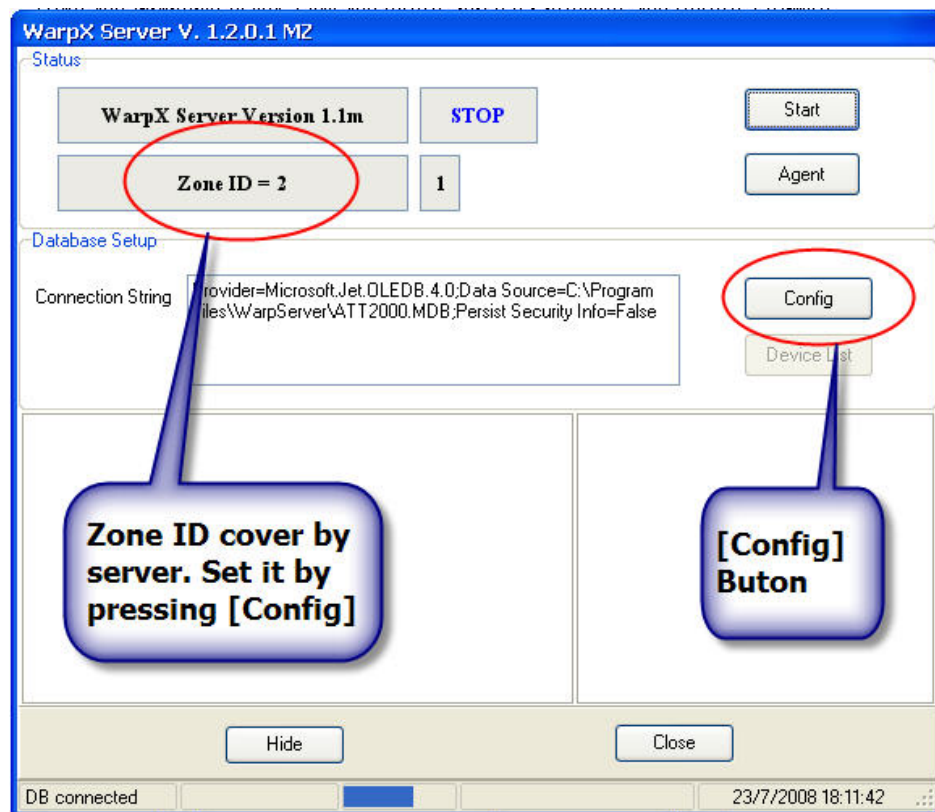
User can import data from text files or Excel file by define each column.

3.14. Help

Help File

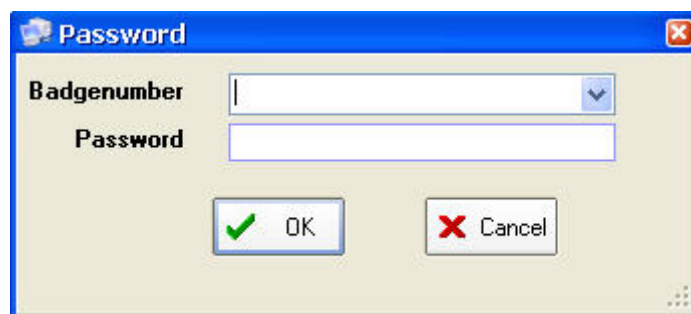
4. Warp Server Program

WarpServer program is based on the Zone Server (define by WarpX_Client program). Thus in order to run WarpServer, user needs to configure the Zone Server using WarpX_Client first.



4.1. Config

Before enter each function, user need to enter valid Badge number and password .



4.1.1. System Config

4.1.1.1. Zone ID

Choose the Zone Server ID in which WarpServer is covering.

4.1.1.2. Language

Choose Language.

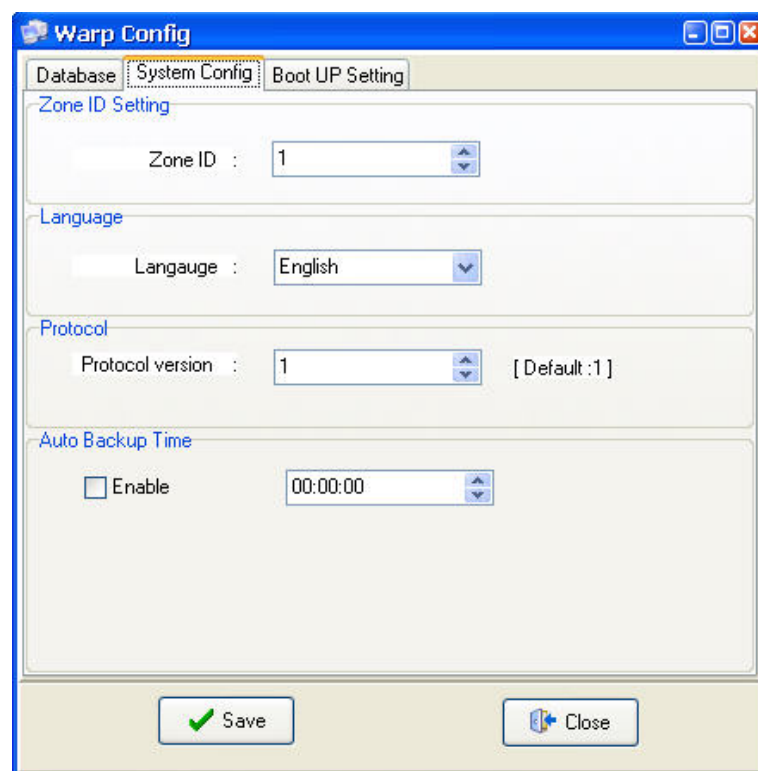
4.1.1.3. Protocol

Choose protocol in which the server runs. Default =1 (for normal real time mode), '2' is for GPRS server mode.

4.1.1.4. AutoBackup

In real time mode, Device will sent transaction to WarpServer real time, if transaction success, device will mark the transaction as "Checked".

In some case, user may want to ensure that all transaction is fully saved to database by setting time to let WarpServer to pull all transaction one more time even if the transaction is already "Checked".



The screenshot shows the 'Warp Config' window with the 'System Config' tab selected. The window has three tabs: 'Database', 'System Config', and 'Boot UP Setting'. The 'System Config' tab contains four sections: 'Zone ID Setting' with a 'Zone ID' dropdown set to '1'; 'Language' with a 'Language' dropdown set to 'English'; 'Protocol' with a 'Protocol version' dropdown set to '1' and a note '[Default : 1]'; and 'Auto Backup Time' with an 'Enable' checkbox (unchecked) and a time dropdown set to '00:00:00'. At the bottom, there are 'Save' and 'Close' buttons.

4.1.2. Boot up Setting

4.1.2.1. Fixed IP Address

If computer that install WarpServer have more than 1 NIC (Network Interface Card) , that user might need to choose the right NIC IP address to let WarpServer running in the right network by fix the IP Address of the NIC that connected to the device.

4.1.2.2. Pulling Connection Time

In normal real time mode, WarpServer runs on **UDP port 5850**, **TCP port 5850** to get the real time log transactions from the devices. However WarpServer will also try to use **TCP port 2000** to communicate with the device for all other purpose. Thus it will periodically check for **TCP port 2000** connection for all device in its Zone. User can define that time from 30 sec to 60 sec. The time should in no way, excess 60sec (60000msec). [Warp Server is using **TCP port 2001** for communicate with WarpX_Client or Warp Monitor program etc.] Also for IPsearch, it will require also **UDP port 5050**.

4.1.2.3. Connection Time Check

At each time WarpServer check it connection via TCP port 2001, use can , optionally , also check for Security by pass or Door sensor status.

4.1.2.4. Clear Memo Time

Time to clear the memo on the WarpServer.

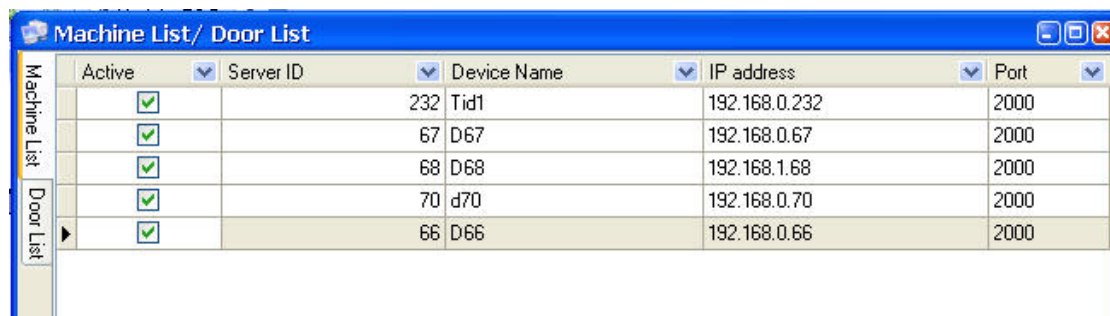
The screenshot shows the 'Warp Config' window with the 'Boot UP Setting' tab selected. The window contains the following sections and controls:

- Fix Server IP Address:** A checkbox labeled 'Fixed IP Address' is unchecked. Next to it is a text box containing '255.255.255.255'.
- Pulling connect time:** A label 'Connection Time :' is followed by a text box containing '30000'. To the right, it says 'Default :30000 msec (30sec)'.
- Connect time check:** Two checkboxes are present: 'Check Getsecurity Bypass when Pulling' (checked) and 'Check Door Sensor when Pulling [BF20 only]' (unchecked).
- Clear Memo Time:** A label 'Clear Time (hour) :' is followed by a spinner box set to '1'. To the right, it says 'Default :1 hour'.

At the bottom of the window, there are two buttons: 'Save' (with a green checkmark icon) and 'Close' (with a blue X icon).

4.2. Device List

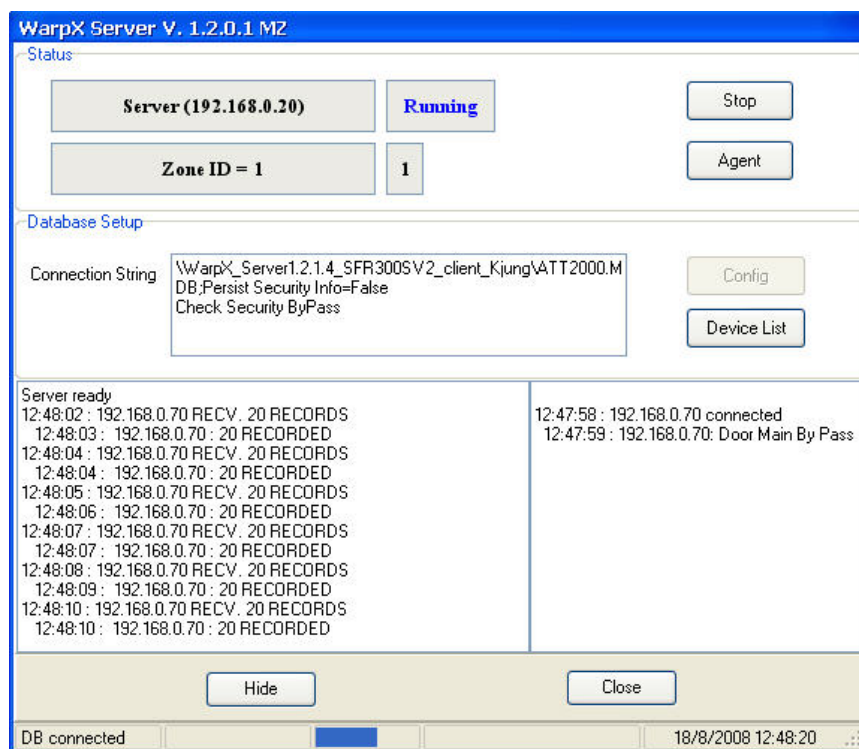
Show device list and door list



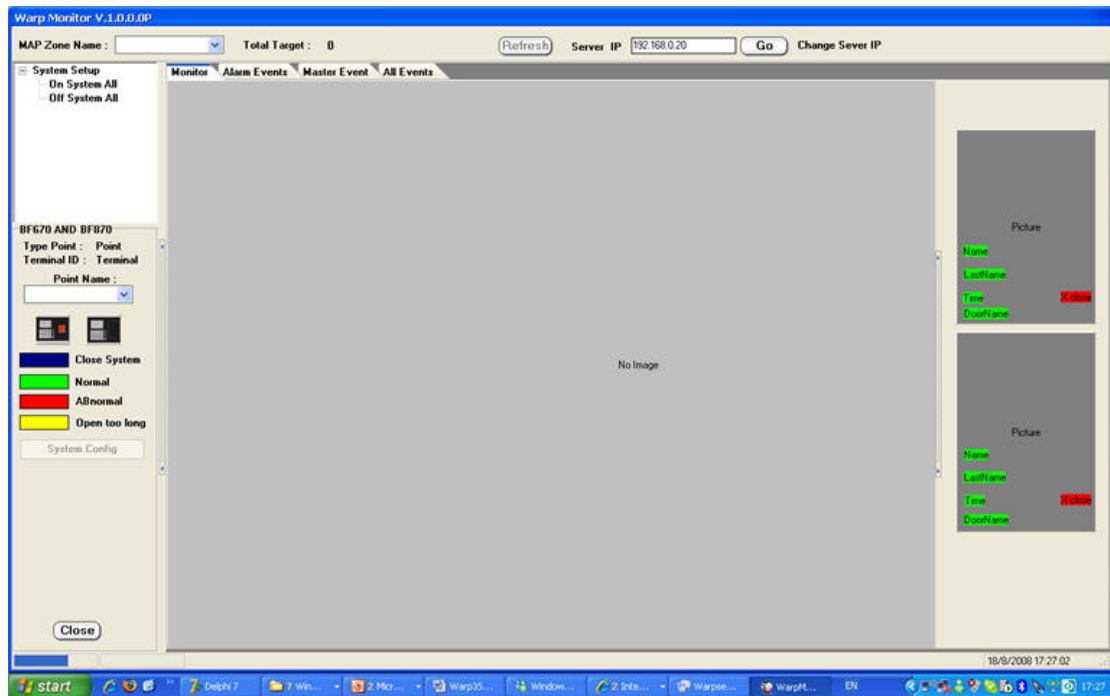
| Active | Server ID | Device Name | IP address | Port |
|-------------------------------------|-----------|-------------|---------------|------|
| <input checked="" type="checkbox"/> | 232 | Tid1 | 192.168.0.232 | 2000 |
| <input checked="" type="checkbox"/> | 67 | D67 | 192.168.0.67 | 2000 |
| <input checked="" type="checkbox"/> | 68 | D68 | 192.168.1.68 | 2000 |
| <input checked="" type="checkbox"/> | 70 | d70 | 192.168.0.70 | 2000 |
| <input checked="" type="checkbox"/> | 66 | D66 | 192.168.0.66 | 2000 |

4.3.Start

After start the process, WarpServer will try to connect to all device, and start to pull on the left over transactions. (The transaction that had not been marked as “checked” yet.) However, due to the delay in communication, it might take upto 30 sec (pulling time default) to start the first transaction pulling process.

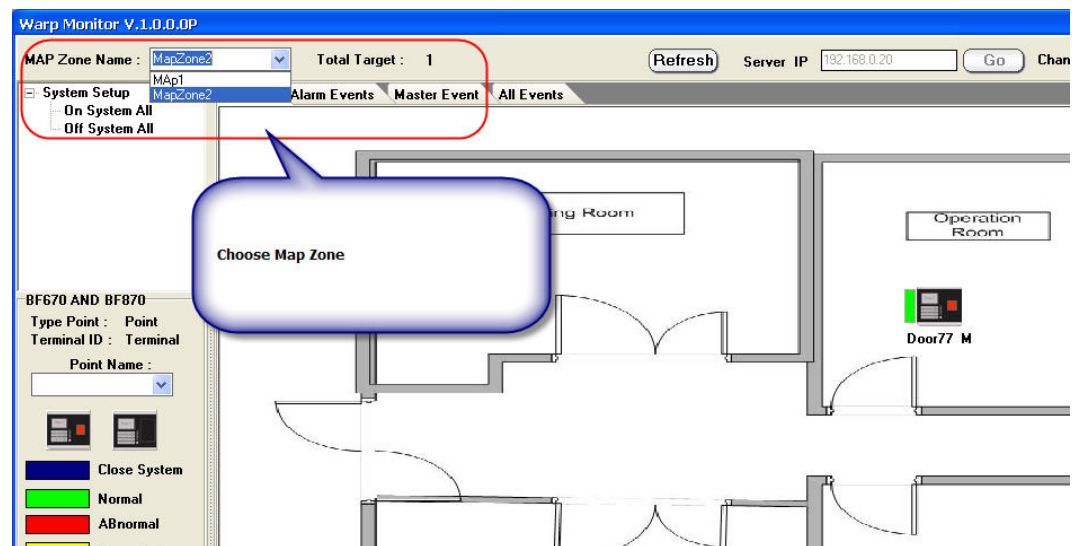


5. Warp Monitor Program



5.1.Start

5.2. Choose Map zone



5.3. Place door

