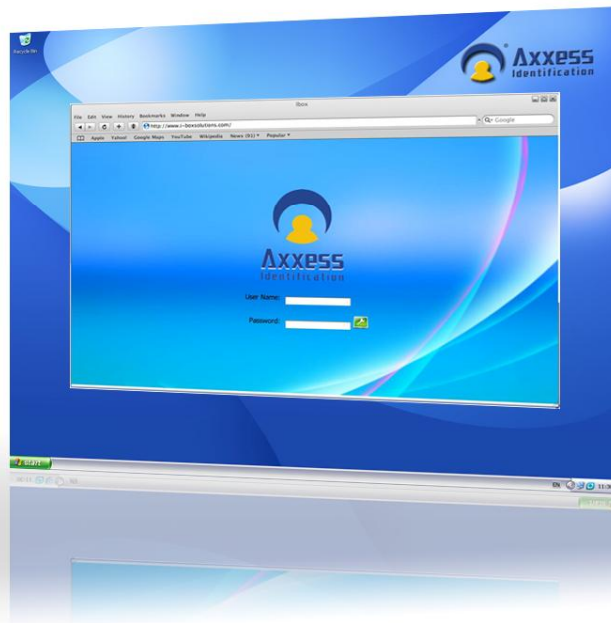


# AX Enterprise



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## Web server Guide

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# Web server Guide

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## Web Server Guide

# Installation

## Requirements and Preparation

Hardware:

### Minimum PC Specification

Processor: Dual Core 2.13 GHz or higher—Quad Core 2.0 GHz recommended

RAM: 2GB—4GB recommended

Hard Disk: 4GB of free disk space (dependant on size of database and amount of backups)

Gigabit Ethernet Network Card

CD ROM Drive

Screen resolution: 1024 x 768

Operating System: Windows Server 2003 (SP2)

Internet Information Services (IIS) v6

AX Enterprise will only run on computers able to run IIS (Internet Information Services). IIS must be installed before AX Enterprise is installed.

1. Install IIS on your server
2. Install AX200 software

## AX Enterprise Installation

Insure that Internet Information Services is installed on your Windows 2003 Server. Insert the USB dongle. The USB dongle must be kept in the machine at all times, including after the installation is complete.

1. Browse to the USB dongles directory and run setup.exe.
2. Follow the on screen instructions.
3. Once the install has finished, browse to the directory you installed to (by default this is C:\Program Files\Cardmanage).
4. In this directory you will find a file called CreatellIS.vbs, double click on this to run it.
5. Then double click and run setacl.exe.
6. Browse to the USB dongle directory and in the folder called Upload; double click on the file named upload.msi.
7. Browse to C:\Program Files\
8. Find the AX200 directory.
9. Right click on it, click properties.
10. Go to the security tab and add the Internet Guest Account. This usually begins with IUSR and ends in the name of the machine e.g. IUSR\_NAMEOFMACHINE.
11. Run AX200 Software then double click on the AX Enterprise shortcut.
12. Enter the IP address of the machine and the path to the AX200 folder.
13. Click connect.

## Web Server Guide

### Log On



When you log on to the Web site you will be asked for your "User Name" and "Password" the default setting is:

User Name 1  
Password 1

### Home Page

At the top of the screen you will see a menu Bar. This enables you to find your way around the web page.



- Home - will allow you to come back to the main page
- Build Site - allows you to upload floor plans
- Cardholders - allows you to add and view cardholder details
- T&A -Time and Attendance module
- In/out -Shows Activate of door example name of user time it was used e.t.c
- Alarms/Transactions - Shows Alarms and Transactions
- Log -Show a timeline of the activates
- Controller -Allows you to manually open doors/set modes
- Logout -will allow you to exit program so another account can be entered

In the centre pane of your screen is where your sites can be viewed as an overview.

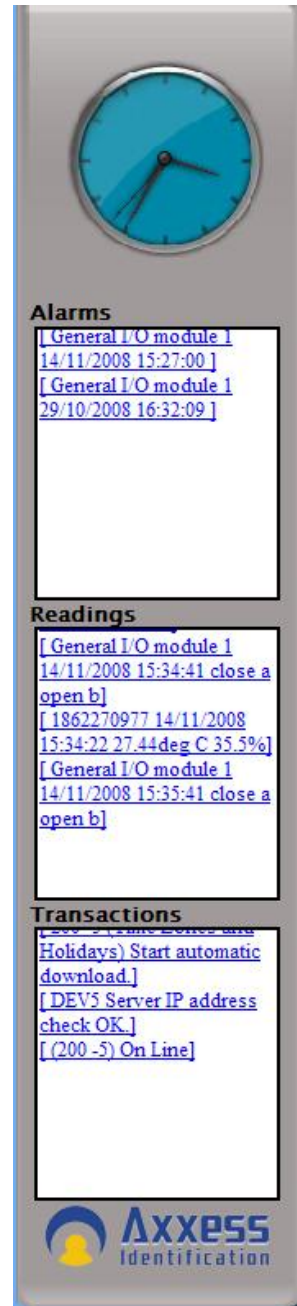


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Should one of the sites go into an alarm, you will be able to quickly see this, as a red line encapsulates the site that has an alarm. Displaying as below:



To the right hand side you can see the sidebar that shows you the current time and the also has real time data feeding in to allow you to see what readings from sensors, what transactions and what alarms you are receiving. If you click on any of these it will take you to a separate page with all the readings listed



**Alarms**


- [\[ General I/O module 1  
14/11/2008 15:27:00 \]](#)
- [\[ General I/O module 1  
29/10/2008 16:32:09 \]](#)

**Readings**

- [\[ General I/O module 1  
14/11/2008 15:34:41 close a  
open b\]](#)
- [\[ 1862270977 14/11/2008  
15:34:22 27.44deg C 35.5%\]](#)
- [\[ General I/O module 1  
14/11/2008 15:35:41 close a  
open b\]](#)

**Transactions**

- [\[ 200-5 \(Time Zones and  
Holidays\) Start automatic  
download.\]](#)
- [\[ DEV5 Server IP address  
check OK.\]](#)
- [\[ \(200-5\) On Line\]](#)

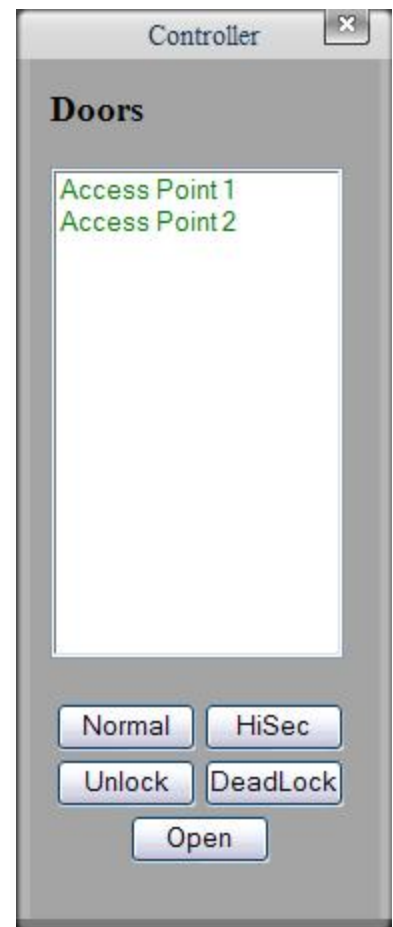


## Web Server Guide

### Controller Status & Control

Devices connected are highlighted and displayed; the door status shows in real-time on the main screen. Doors can be controlled directly from the main screen. Commands can only be given to controllers online and functionality is greyed out if the controller is not available online to avoid any uncertainty.

|                    |   |
|--------------------|---|
| Door open          | Opens the door for a set time e.g. 5 seconds  |
| Normal mode        | Standard mode   |
| Door unlocked      | Door permanently unlocked   |
| High security mode | Only cardholders with high security mode valid will have access   |
| Deadlock           | Locks door for all cardholders, request to exit is still active. Please exercise care when using the feature. |
| Clear alarm        | Door reset, door forced, door held open alarm   |



---

## Web Server Guide

### High Security Mode (HSM)

This feature allows individual doors to be enabled where standard cards no longer have access. Only cardholders with the high security mode set (HSM) have access whilst this feature is enabled. The HSM feature can be switched on by using a card which has the “set high security” enabled, four times consecutively at the reader. To change back to the normal mode use a card with the HSM feature four times consecutively.

### Build Sites

#### Upload

An example floor image will be shown scroll down in till you see a “Browse” function. You are able to upload a floor image of your office, building e.t.c and input the access doors and sensors when the floor plan is selected press upload. Your floor plan will replace the example image. The “Browse” function will be replaced by a “Save” Function this is so you may enter a title for the image. Once saved if you go back to the Home page you floor image will be shown next to the example floor plans.

### Doors and Sensors

Under different titles there will be these icons  . Left click on the door or sensor icon on the floor plan.



## Web Server Guide

|   |  |  |   |
|---|--|--|---|
| Name: Access Point 1  |  |  |   |
| Area:   | Site: Library                            | Status: online                             |   |
|  | <input type="button" value="Open door"/> | <input type="button" value="Clear Alarm"/> |   |
| Current Mode: Normal Mode   |  |  |   |
| <input type="button" value="Normal"/>   | <input type="button" value="High Sec"/>  | <input type="button" value="Latched"/>     | <input type="button" value="Deadlock"/> |
| <input type="button" value="Advance"/>  |  |  |   |

### Sensors

Double clicking on a sensor icon will show the sensor status. You are able to change the reading rate Time, Reporting rate time, Storage rate time, whether or not the sensor is enabled the min and max temperature in degrees Celsius and the humidity max and min.

|   |   |  |   |
|---|---|--|---|
| Name: Flood 2   | Id: 1627394311                                      | Enabled: <input checked="" type="checkbox"/>     |   |
| Reading rate: <input type="text" value="1"/> sec      | Reporting rate: <input type="text" value="60"/> sec | Storage rate: <input type="text" value="0"/> sec |   |
| Flood   |   |  |   |
| Report on change: <input checked="" type="checkbox"/> | Alarm on flood: <input checked="" type="checkbox"/> | Alarm on dry: <input type="checkbox"/>           | Store on change: <input type="checkbox"/> |
| <input type="button" value="Save"/>                   |   |  |   |

### Edit

On the bottom of the floor image you will see “Back” which will take you to the home page, “Delete” which will remove the floor plan and “Edit”. Moving the mouse and clicking on Edit will bring up the floor image, now you can drag and move the door and sensors icons to the corresponding door and sensors are in reality.

## Cardholder

Cardholder configuration consists of five elements

- Main Settings
- Other Info
- Mode Settings
- Personal Info
- Vehicle Info

Adding new cardholders can be done from the main settings screen. The other tabs are for extra features and additional database fields.

## Web Server Guide

### Main Settings

#### Card Number

Unique card number – maximum 10 digit number. This number excludes the facility and site code number which is defined in card type.

If you change the card number to 0 (= no card), data can be left on the database in case the person requires a card again or, if all the data is entered first and cards are issued at a later stage. This feature is specifically useful for frequent visitors and contractors.

#### Imprint Number

If the number on the card is not the 'true' number in the card, then this printed number can be entered here. Alternatively this field can be used for other data e.g. membership numbers etc.



#### Employment

To indicate the type of cardholder, fields can be selected from the drop-down box or entered manually. When entered manually it will ask for confirmation when you save the record and can be selected the next time from the drop-down box.

#### Department

Select a department from the pop-up window, departments can be added or deleted as required.

#### Access Group

An access group is a collection of doors. When a group is selected, the cardholder will have access to the doors assigned in the access group. Two groups are fixed and cannot be deleted – **All** and **None**. The group all automatically includes all the doors including those added by the device wizard. If the group none is selected, the cardholder will not have access to any of the doors.

#### Card Type

If under *System Settings, General Settings the Multiple Card Format* is enabled, then this field can be used if you require cards from other system to work as well.

A card type is the name given to the card format and facility code combined. It is recommended that you use the card format wizard if you wish to add new card types.

## Web Server Guide

### Card Status

This field overrides all settings, if the card is set to: Destroyed, Inactive, Lost, Stolen or Suspended. The card will not have access unless set to Active.

It is recommended that you use this field if a card is for instance stolen instead of deleting the whole cardholder record. By using this method, you can always see at a later stage why the card was inactive.

### Pin Code

1 to 6 numbers – the default setting is 4.

This field is required if PIN Settings (found on the Access Point screen) is enabled and a keypad or reader with keypad is used. If a reader with PIN is selected, the card is presented to the reader first followed by entry of the PIN code.

## Password

The security levels, usernames and passwords may only be changed through the AX200 software for security Purposes. To change a user name, password or group you go to the AX200 software and from the main screen you click on the security option. In the user option click on the "User settings" tab in this tab you will see three buttons 'new', "Delete" and "Change Password" left click on the new button enter the Users name and a password into the allocated areas, click ok a message should appear asking for you to enter a group.

To see which group has the correct function go to the group authorisation screen tab there will be four option:

- Admin
- Engineer
- Guest
- Operator

By selecting one you will see what authorisation they have. If none has the required access permission needed you can create your own group

Click on the new button enter a name into the field e.g. Technology press the Ok button by double clicking on the icons turns them to icons. Once your preference are selected press save .you may now enter users to this group

### Admin



With "Admin view only" the user gets access to the main screen and able to enter security to only change the users personal Password



Group Authorisation

- Admins
- Engineer
- Guest
- Operator

---

Current group access permissions

|                  | View Only | Edit |
|------------------|-----------|------|
| Admin Settings:  |           |      |
| Cardholder Info: |           |      |
| Access Point:    |           |      |
| View Log:        |           |      |

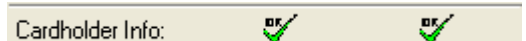
## Web Server Guide

With “Admin view and edit” selected the user gets access to the main screen and able to enter security to add and delete users and passwords the user is also able to also add and remove groups.

### Cardholder



View only the user can view the “Cardholder Configuration” tab but may not add or edit information. their is also access to “Access points”, “system setting” and “format & statistic” which the user may not add or edit. The user may however edit “Environment”



The user still can view the “Main screen”, “Access points”, “system setting”, “format & statistic” and” Environment” but with “Edit” ticked they may add and configure the cardholder configuration

### Access points



View only the user can view the “Main screen” and “Access point” tabs but may not add or edit information



The user can still view the “Main screen” and “Access point” but they may now add access points and input information

### Log



When view log is selected you can view the reports and select any of the option to view the required information appropriate dates.

## On Site

If your site has In and out readers, it is possible to view who is currently on a site. To view who is in or out of a site click on the icon that has a door and an arrow.



This will bring up a screen with who is currently on the site.

## Web Server Guide

### Log

#### Log

Underneath the “in/out” is “log”. If you click on log you will come to a new page with all of today’s Transaction and a calendar. If you keep a back up and you click on a date you will get the transaction for that day.

| ?  | November, 2007 |       |     |     |     |     |     |
|----|----------------|-------|-----|-----|-----|-----|-----|
| «  | «              | Today |     |     |     | »   | »   |
| wk | Sun            | Mon   | Tue | Wed | Thu | Fri | Sat |
| 43 |                |       |     |     | 1   | 2   | 3   |
| 44 | 4              | 5     | 6   | 7   | 8   | 9   | 10  |
| 45 | 11             | 12    | 13  | 14  | 15  | 16  | 17  |
| 46 | 18             | 19    | 20  | 21  | 22  | 23  | 24  |