

Vantage Point Access Control Software

VantagePoint Application User Manual

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Ch.1 Preparation

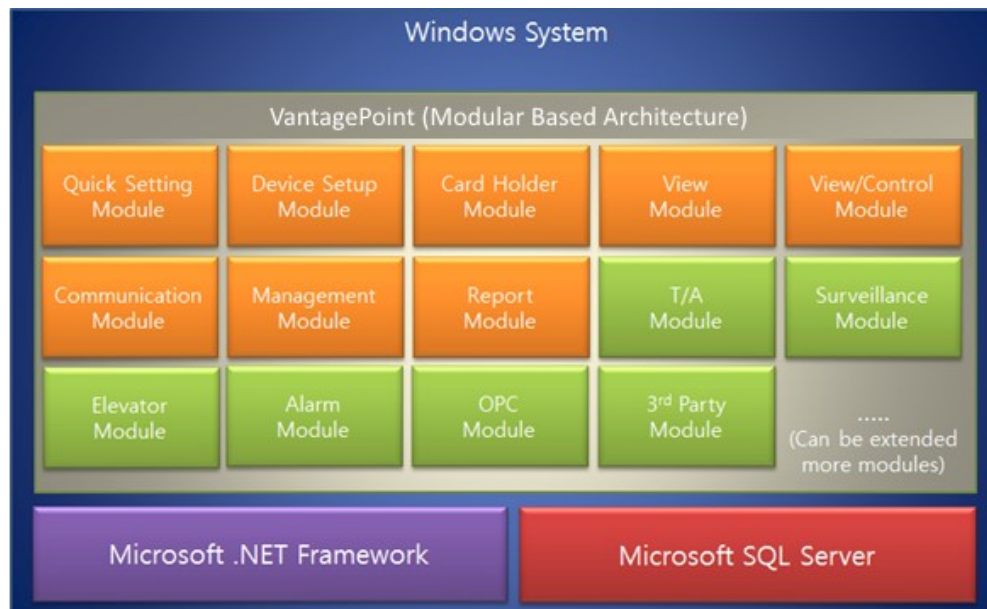
Vantage Point Software Selection

Sensor Access offers two version of Vantage Point softwares. Vantage Point Manager (Express) is the free version and Vantage Point Manager (Professional) is commercial version. Please check the difference between them to select the one you need.

	Vantage Point Express	Vantage Point Professional
Type	Free Version	Commercial version
Client/Server	No	Yes(limitless Client)
Max. Door. Num.	Up to 32 Doors	Up to 400 Doors
Database	Microsoft SQL server 2008 +	Microsoft SQL server 2008 +
License	No license	Key Activation

Vantage Point Manager Software Structure

Vantage Point Manager software is designed in modular based architecture. Individually operating each module, it delivers higher speed and more stable performance in comparison with other brand software that operates all functions in one. Additionally its modular based architecture enhances its scalability and flexibility in terms of its functionality for future expansion and/or modification.



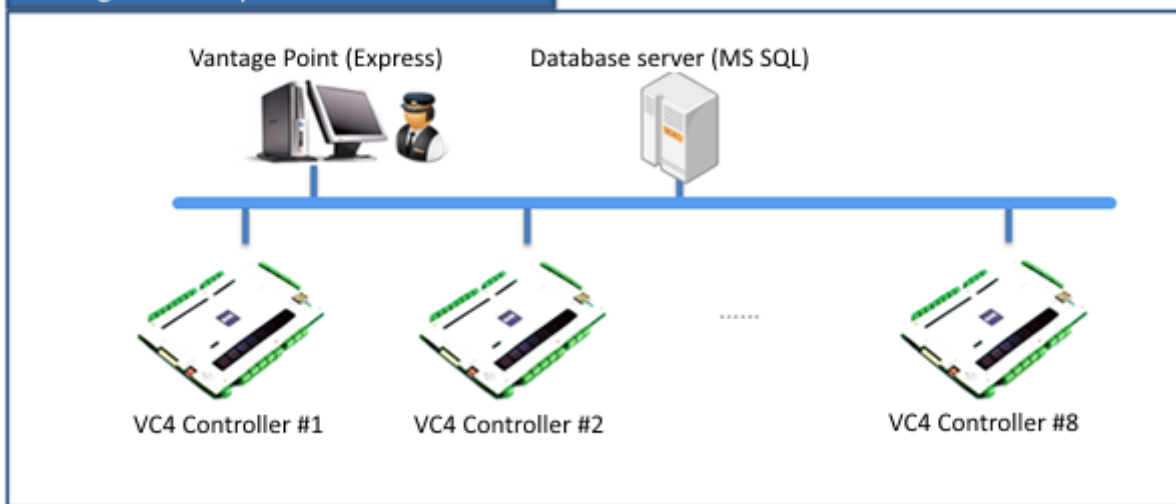
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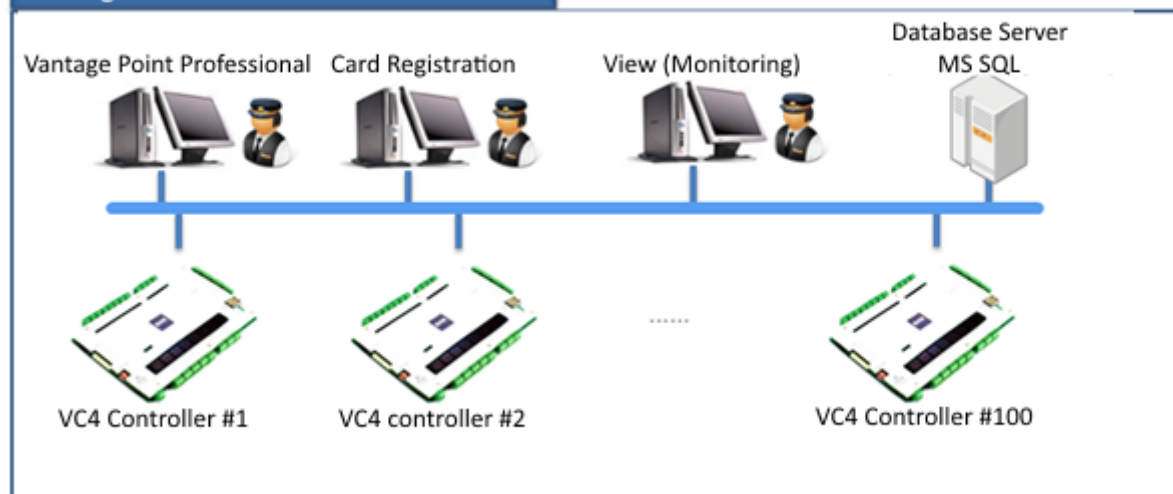
Vantage Point Manager System Diagram

Vantage Point is presented in two different versions. One is Vantage Point (Express) limited to single user operation only and the other is Vantage Point Manager (Professional) that operates in multi-users of server/client. The following diagrams are of Vantage Point Manager Express and Professional

Vantage Point Express



Vantage Point Professional



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Ch.2 Installation

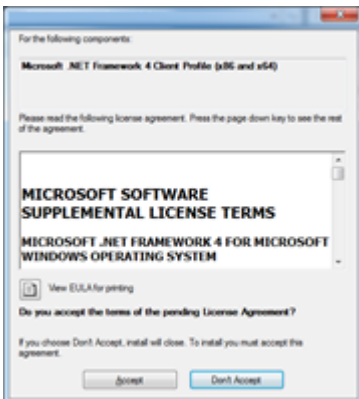
Vantage Point Installation

This Chapter shows how to install Vantage Point Manager Software.

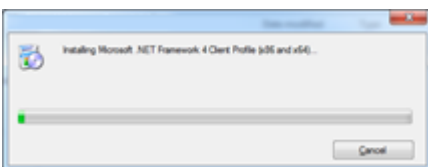
Vantage Point Manager program runs on Microsoft .NET Framework 4.0. Therefore it will install .NET Framework 4.0 automatically if it is not already installed on the PC you are installing Vantage Point Manager.

You must complete any windows updates and install anti-virus programs to use Vantage Point stably.

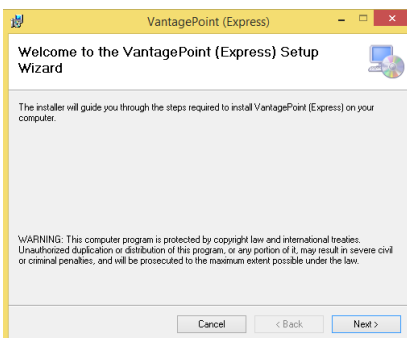
1. Execute Vantage Point install file (setup.exe).
2. It shows Microsoft .NET Framework 4 installation window. Click Accept.



3. Wait for the installation process.



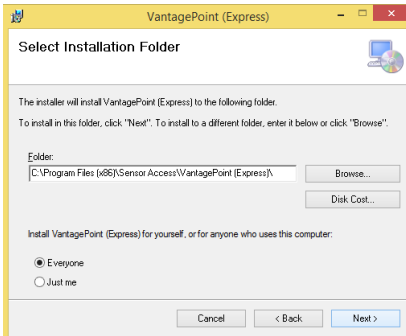
4. Click Next.



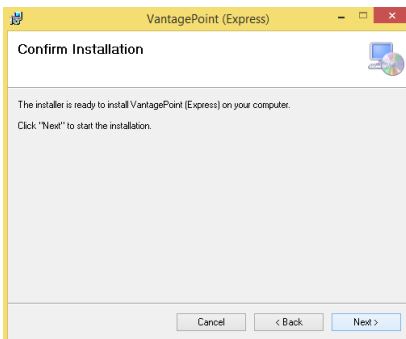
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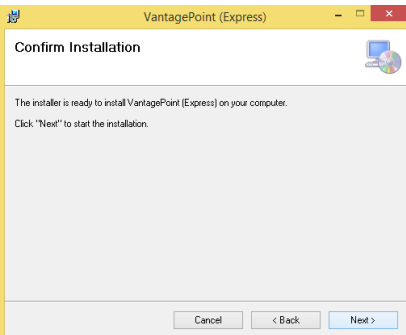
5. Enter the install folder. Select everyone and click 'Next'.



6. Click Next.



7. Click Close.



8. Once installed you can see the icons of the software in 'Start->All Programs->Sensor Access->Vantage Point

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Installation of Microsoft SQL Server 2008

This chapter explains how to install database server for Vantage Point software. Microsoft SQL Server 2008 must be installed before using Vantage Point software. SQL Server 2008 has SQL Server 2008 Express, the free version and SQL Server 2008 Standard/Enterprise; commercial version. In this document, it presents the installation of free version SQL Server 2008 Express. Users may select free version or commercial version depending on system requirement of each project.

You must complete windows updates to use Microsoft SQL Server 2008 stably.

1. To install Microsoft SQL SERVER 2008, follow the below steps.

To install Microsoft SQL Server 2008 you must have administrative rights on the computer.

If .NET Framework 4.0 is not installed, download Microsoft .Net Framework 4.0 or install.

You can pass over this step if you installed Vantage Point manager.

Link: <http://www.microsoft.com/ko-kr/download/details.aspx?id=17718>

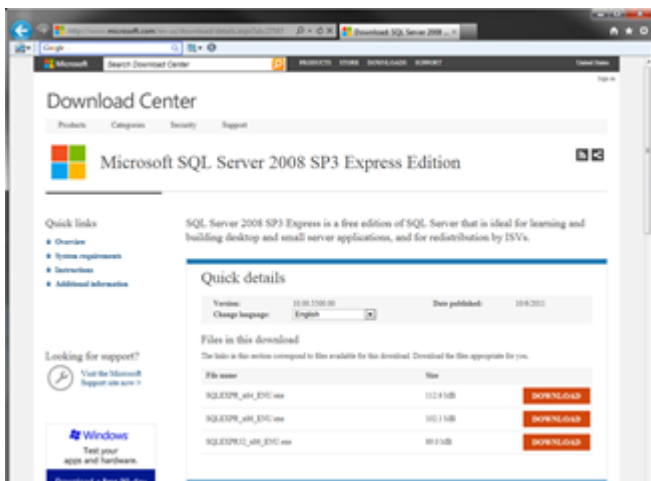
If Windows XP, Sever 2003 operating system, download Windows installer 4.5 or install this from CD.

Link: <http://www.microsoft.com/en-us/download/details.aspx?id=8483>

2. Download free version SQL Server 2008 Express from Microsoft website or CD

Download SQLEXPRESS_x86.exe(32bit/64bit version) or SQLEXPRESS_x64.exe(64bit version). Or install this from CD.

Link: <http://www.microsoft.com/en-us/download/details.aspx?id=27597>

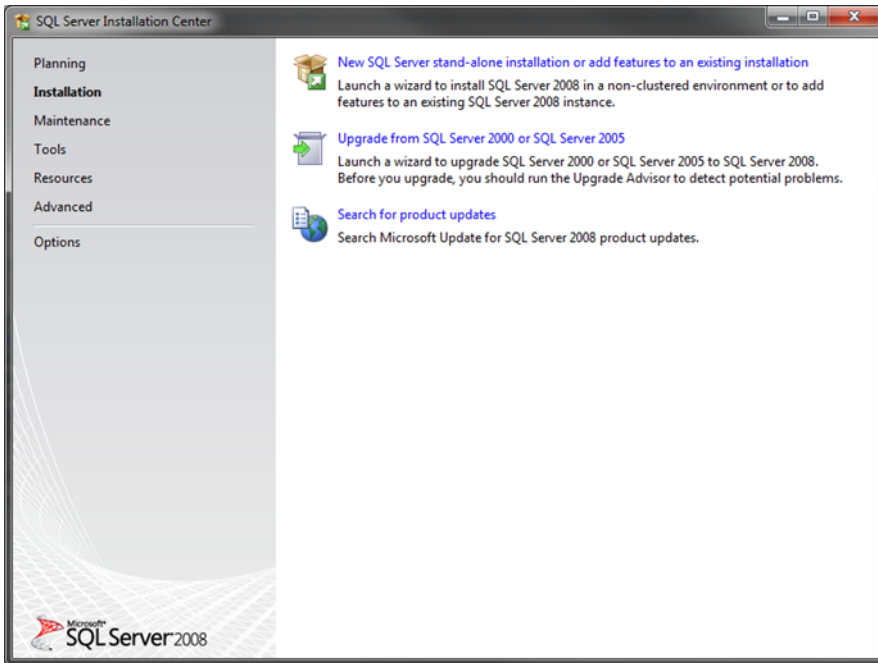


3. Click 'Installation -> New installation or add features to an existing installation' in its installation window.

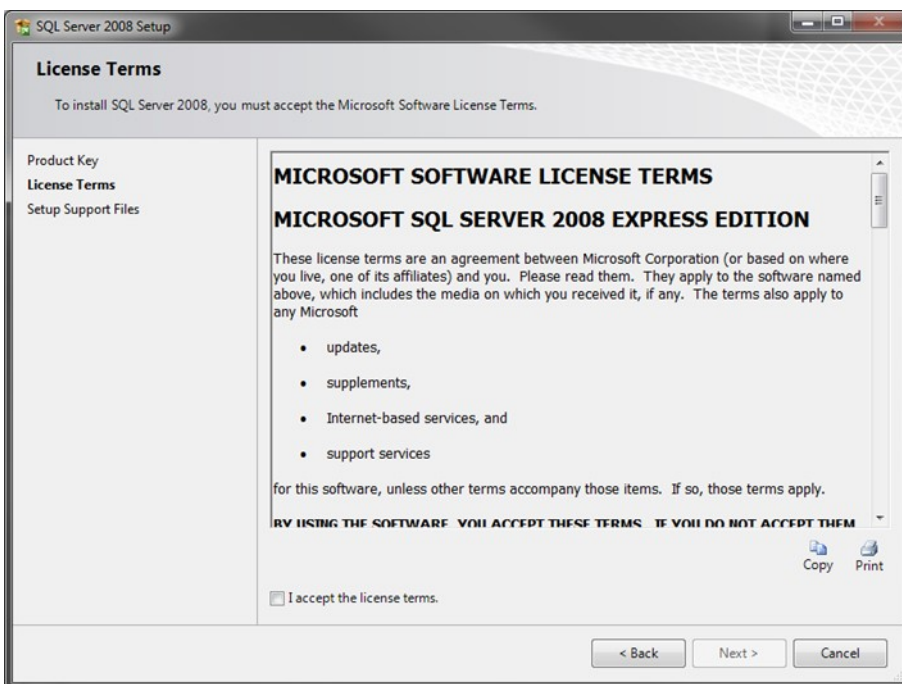
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3. Click 'Installation -> New installation or add features to an existing installation' in its installation window.



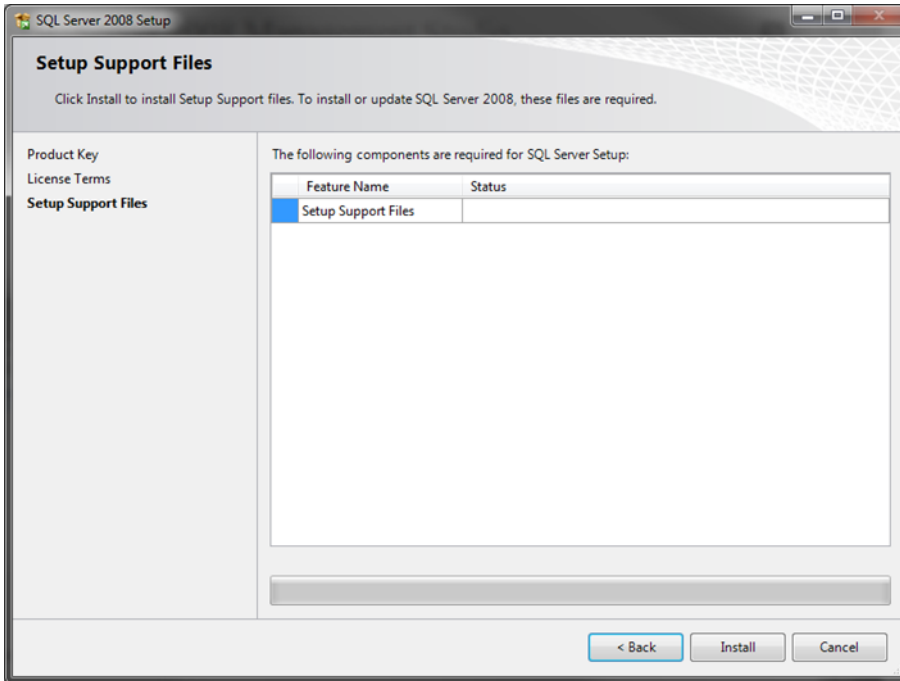
4. Check 'I accept the license terms' and click 'Next'.



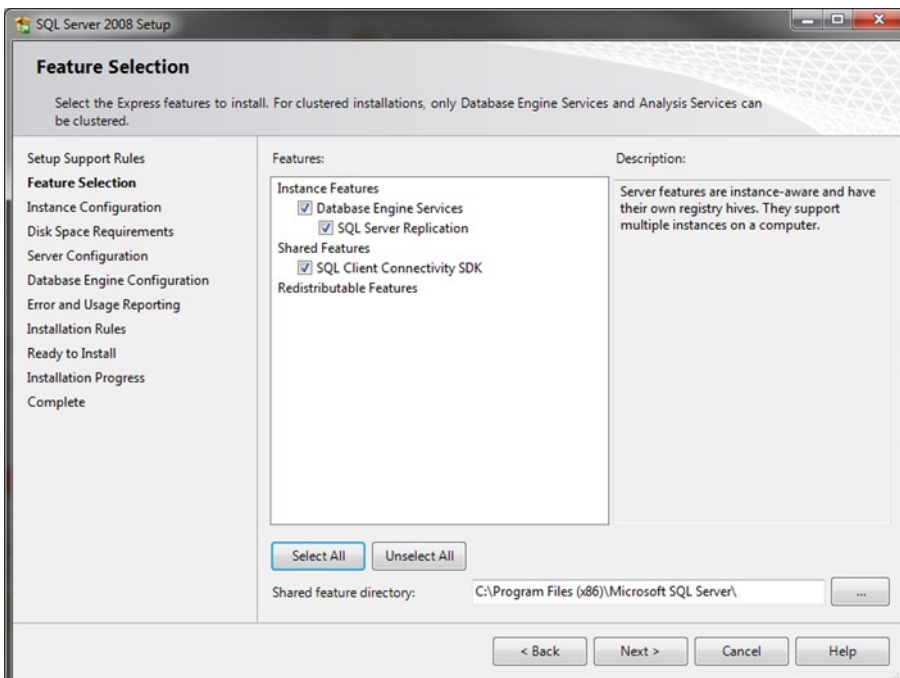
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5. Click 'Install'.



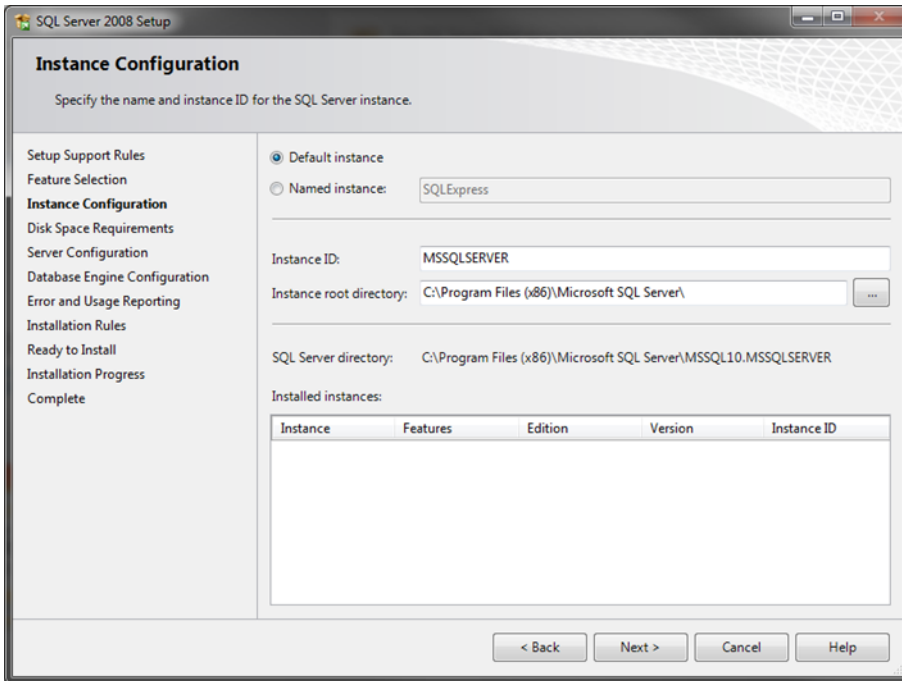
6. Check all functions and click 'Next'.



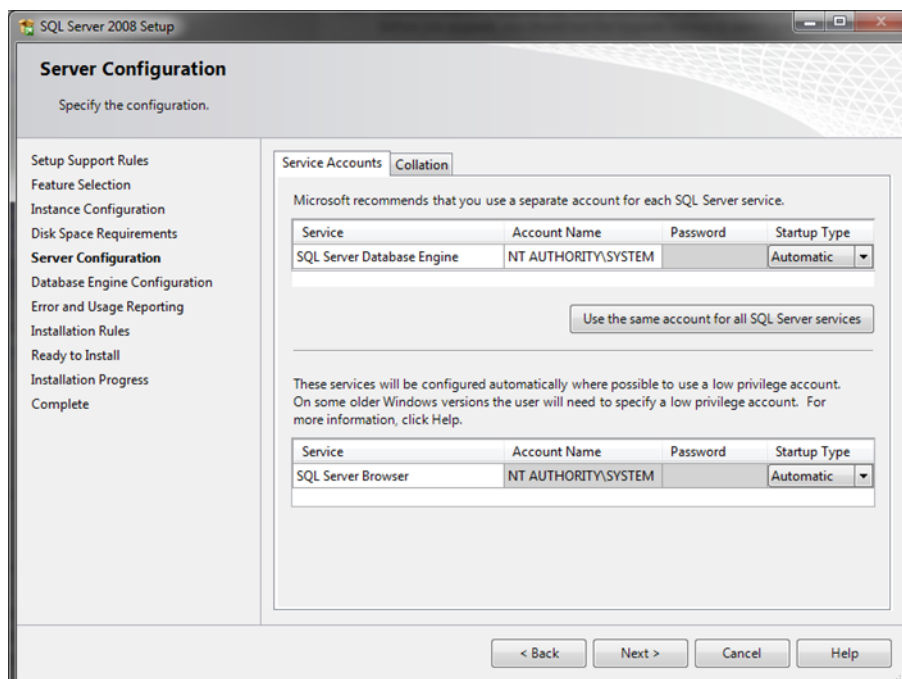
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7. Select 'Default instance', click 'Next'.



8. Change Account Name of 'SQL Server Database Engine' to 'NT AUTHORITY\SYSTEM' and Startup Type to 'Automatic'. Click 'Next'.

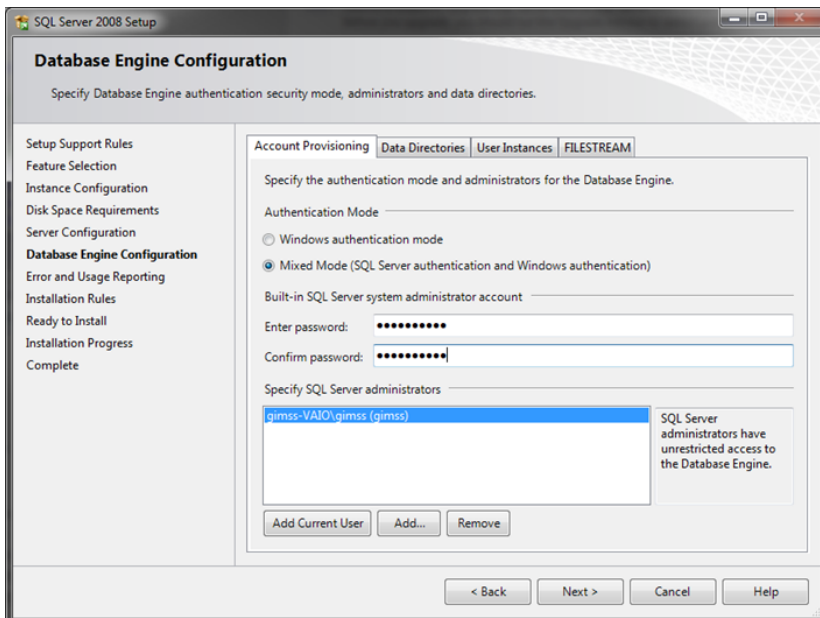


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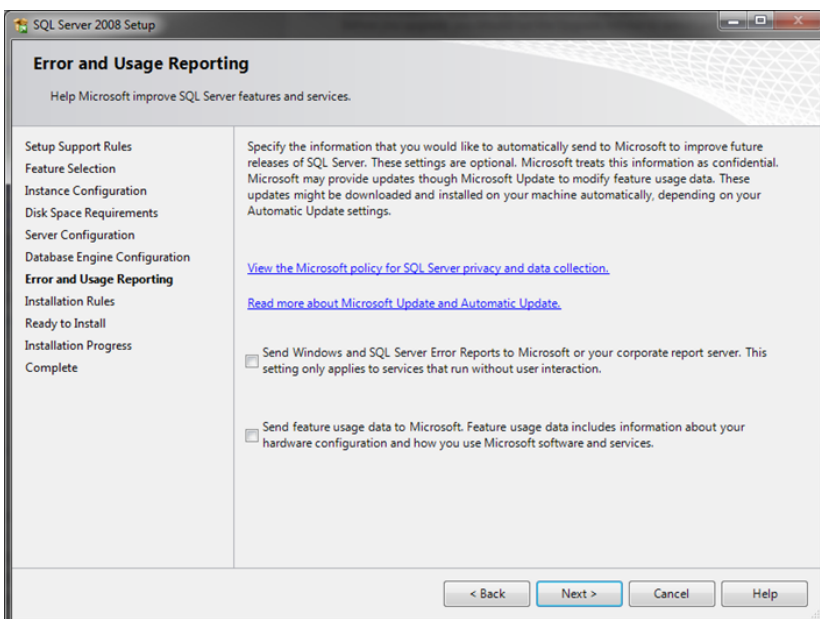
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9. Select **'Mixed Mode'** on **'Account Provisioning'** tap and type in log in password for SQL Server. (You must remember this password.).

In **'Specify SQL Server administrators'** , click **'Add Current user'** to add. Click **'Next'**.



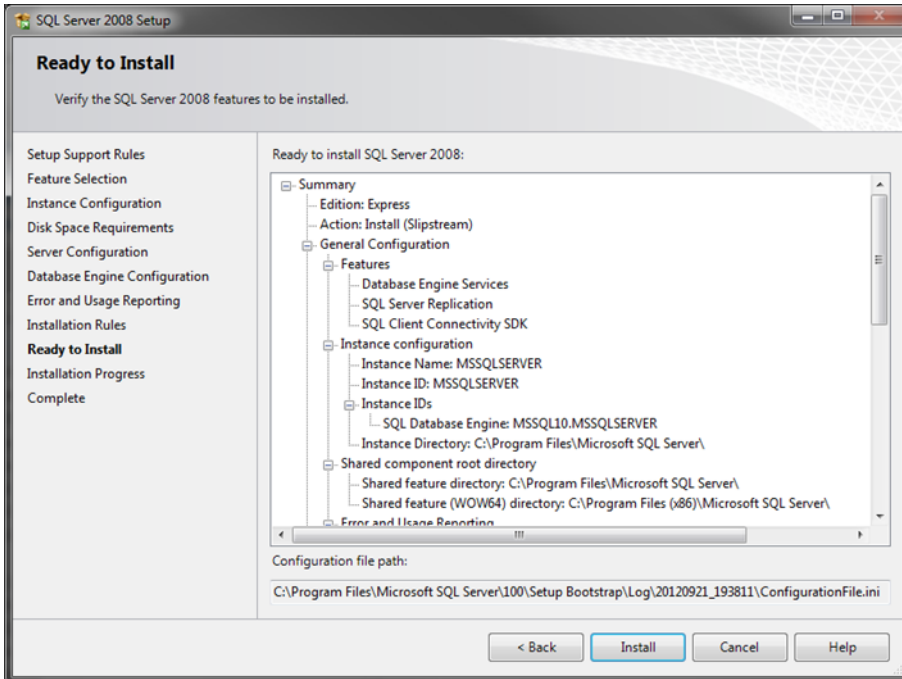
10. Click **'Next'**



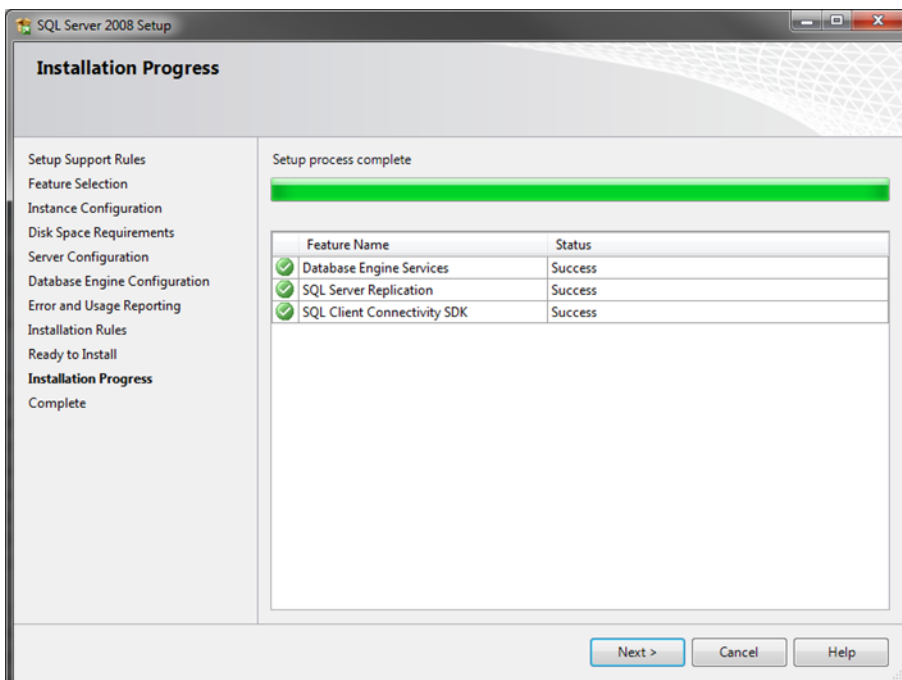
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11. Click 'Install' to install.



12. Click 'Next' to finish.



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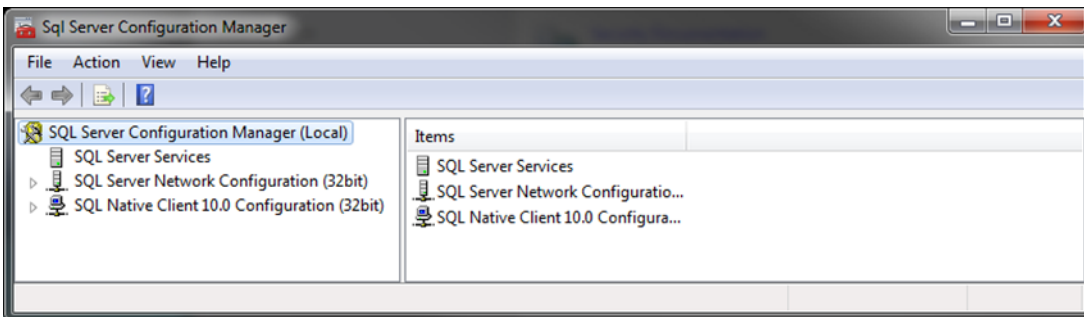
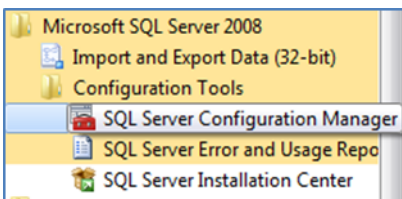
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Configuration of Microsoft SQL Server 2008 Management Studio

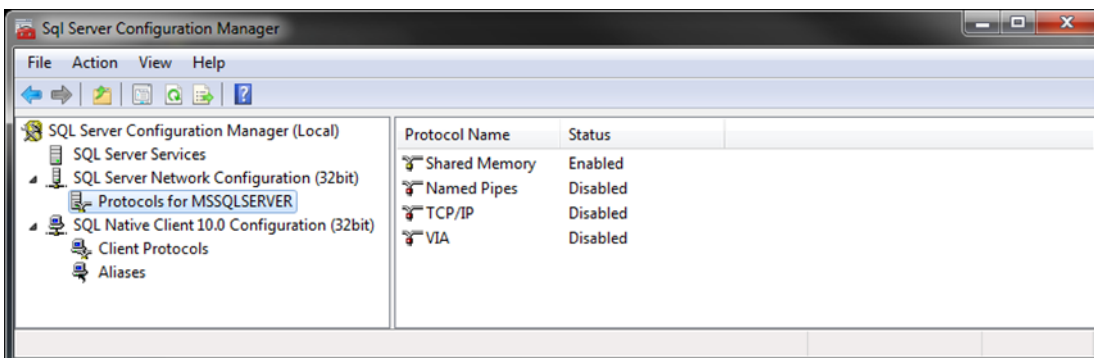
You must configure SQL Sever components to use Microsoft SQL Server 2008.

If Vantage Point Manager or SQL Sever Manager Studio can not access to SQL Server 2008, confirm below configurations.

1. Configure SQL Server 2008. Execute **'Start->Programs->Microsoft SQL Server 2008->Configuration Tools->SQL Server Configuration Manager'** in windows.



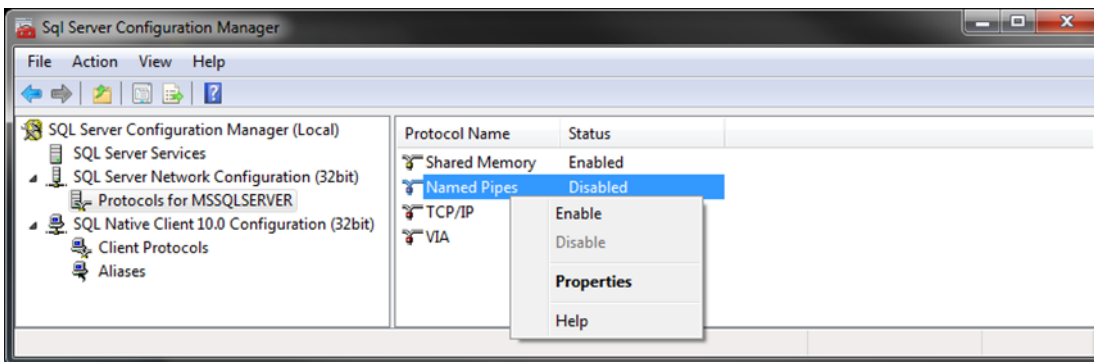
2. In 'SQL Server Configuration Manager', move **'SQL Server Configuration Manager(Local)->SQL Server Network Configuration->Protocols for MSSQLSERVER'**.



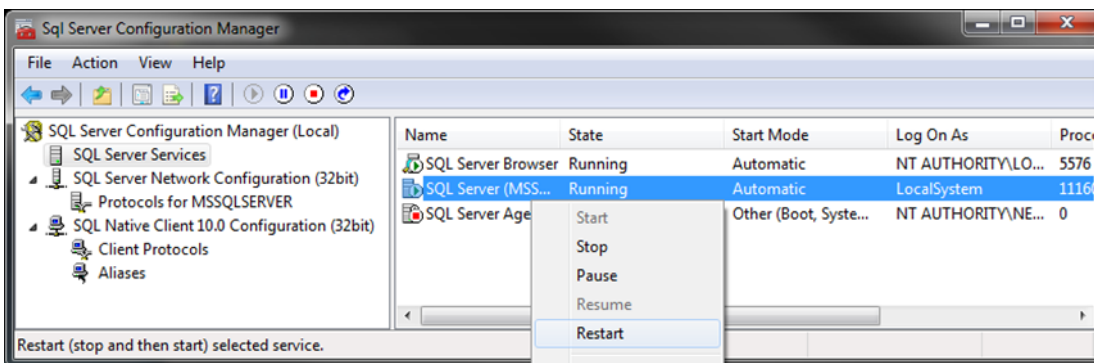
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3. In 'Protocols for MSSQLSERVER', set 'Shared Memory', 'Named Pipes', 'TCP/IP', and 'VIA' Enabled. At each protocol, choose 'Enabled' clicking with the right mouse button.



4. In 'SQL Server Configuration Manager', move SQL Server Services. And 'Restart' 'SQL Server' service finishing configurations.



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Installation of Microsoft SQL Server 2008 Management Studio

Microsoft SQL Server 2008 Management Studio is an integrated environment for accessing, configuring, managing, administering, and developing all components of SQL Server.

It is not necessary, but recommended.

1. Follow below steps to install Microsoft SQL SERVER 2008 Management Studio.

To install Microsoft SQL Server 2008 you must have administrative rights on the computer.

If .NET Framework 4.0 is not installed, download Microsoft .Net Framework 4.0 or install this from CD. You can pass over this step if you installed Smart-X manager.

<http://www.microsoft.com/en-gb/download/details.aspx?id=17851>

If Windows XP, Sever 2003 operating system, download Windows installer 4.5 or install this from CD. Link:

<http://www.microsoft.com/en-us/download/details.aspx?id=8483>

If Windows XP, Sever 2003, Vista, download Windows PowerShell 1.0 or install this from CD.

- Windows PowerShell 1.0 for Windows Server 2003, Windows XP

Link: <http://support.microsoft.com/?kbid=926139>

- Windows PowerShell 1.0 for Windows Vista

Link: <http://support.microsoft.com/?kbid=928439>

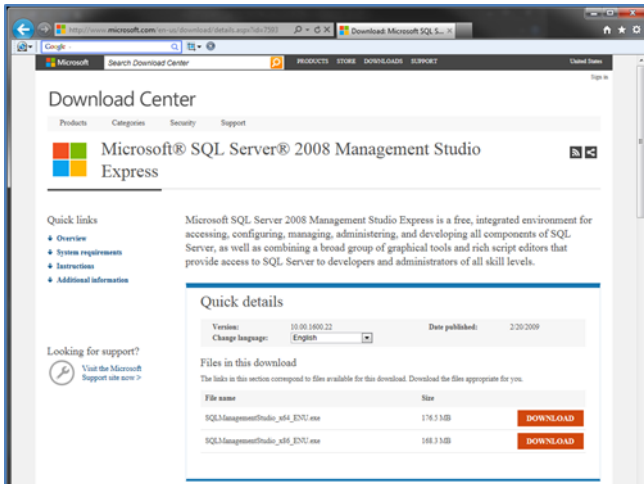
2. Download Microsoft SQL SERVER 2008 Service Pack or install from CD.

Download SQLManagementStudio_x86_KOR.exe (32Bit/64bit OS version) or install from CD.

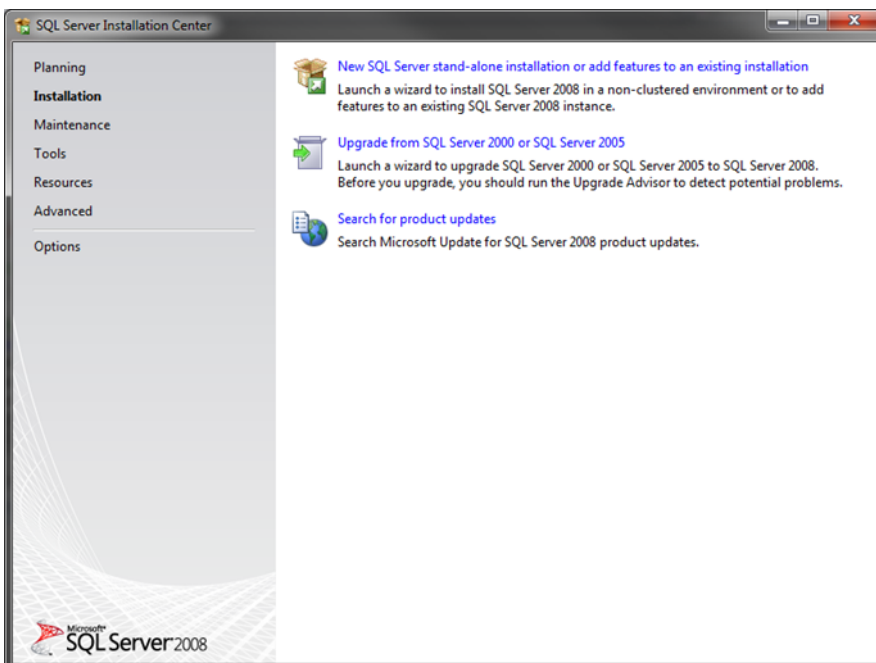
Link: <http://www.microsoft.com/en-us/download/details.aspx?id=7593>

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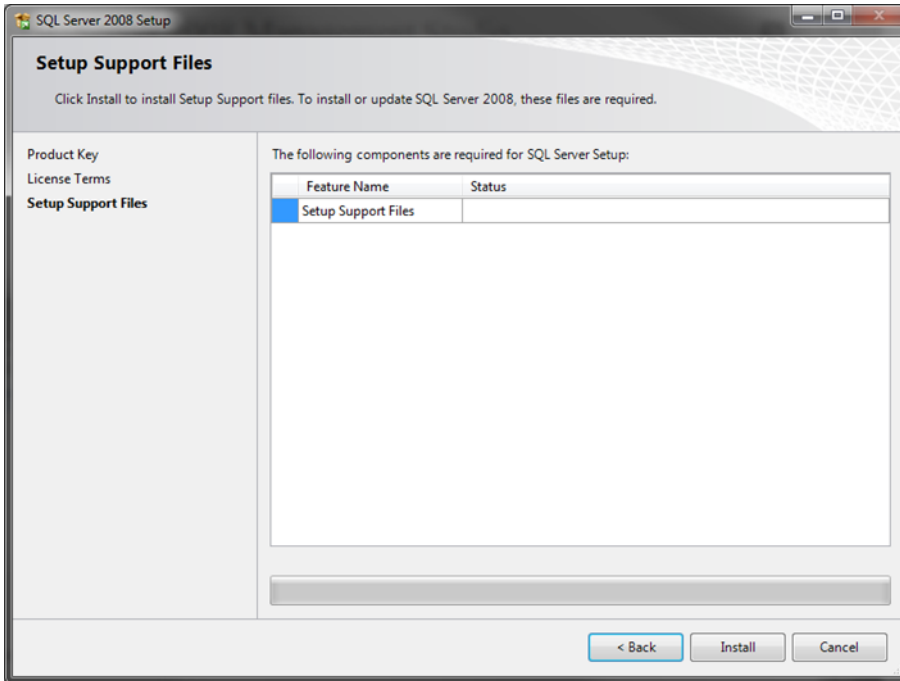
3. When the installation window appears, click 'Installation -> New installation or add features to an existing installation'.



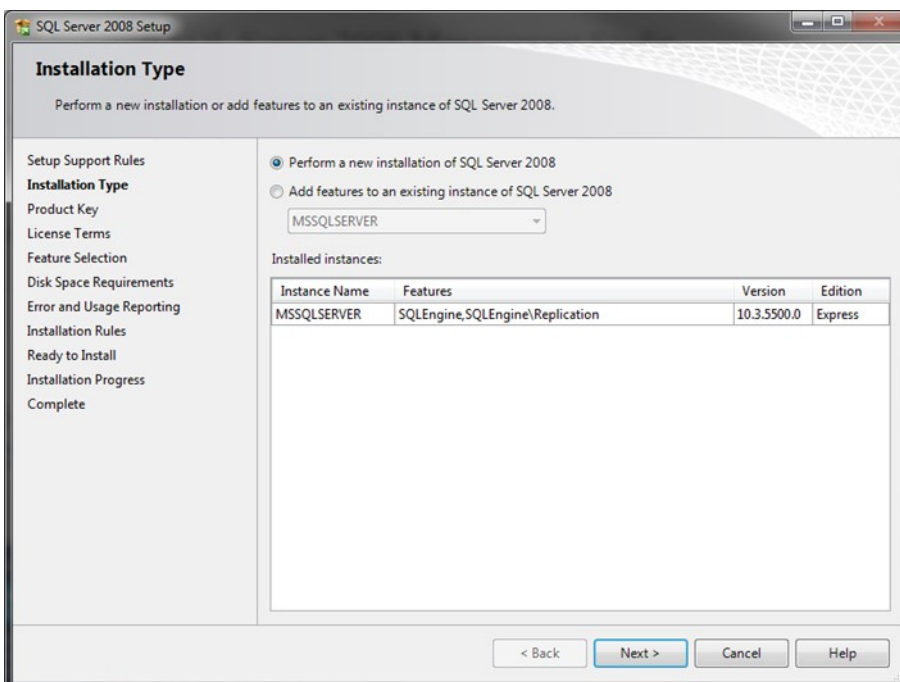
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4. Click 'Install'.



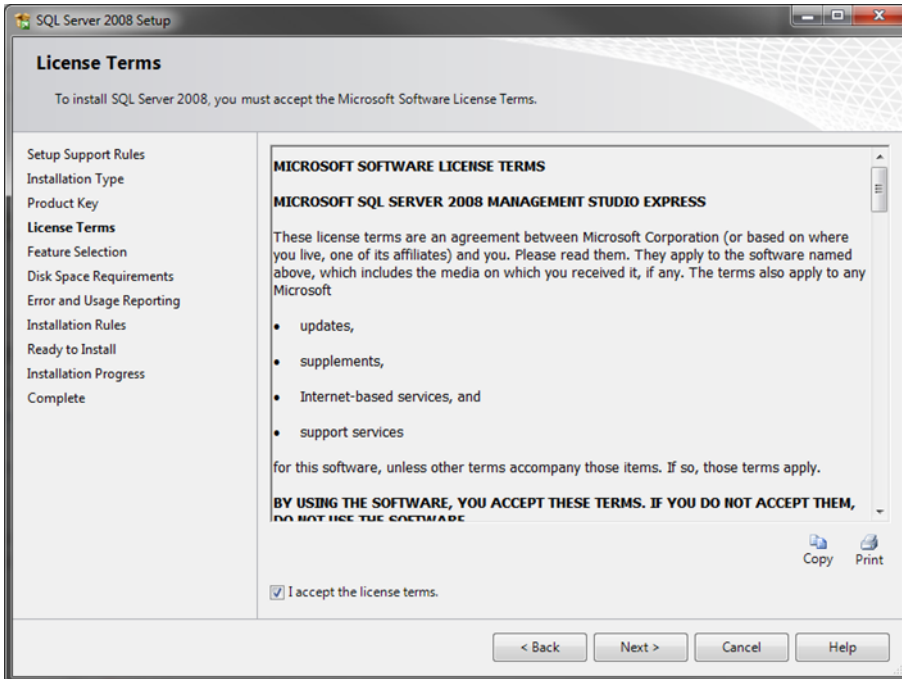
5. Select 'Perform a new installation of SQL Server 2008'.



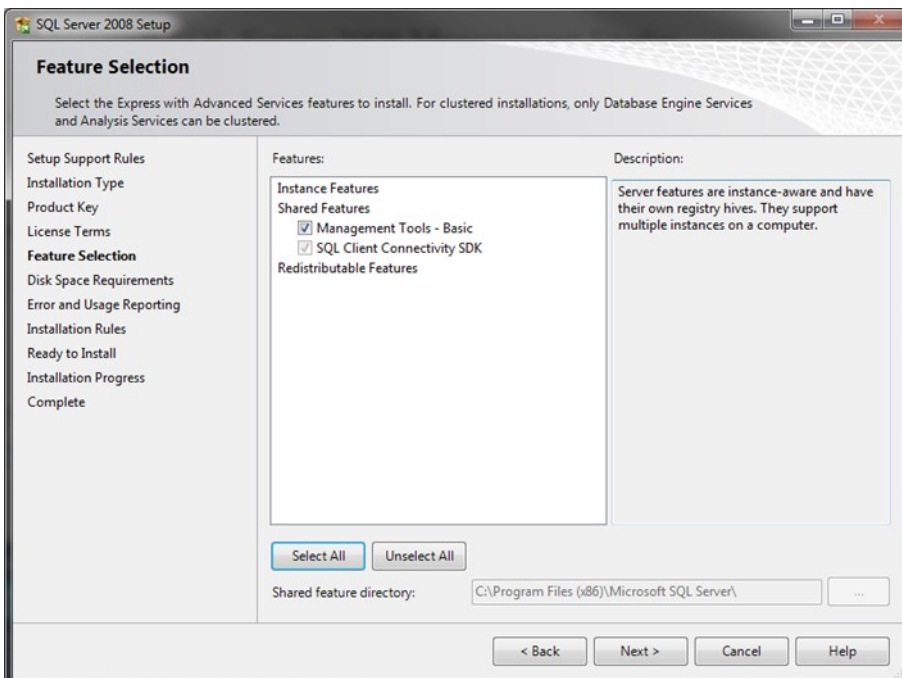
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6. Agree with the License and click Next.



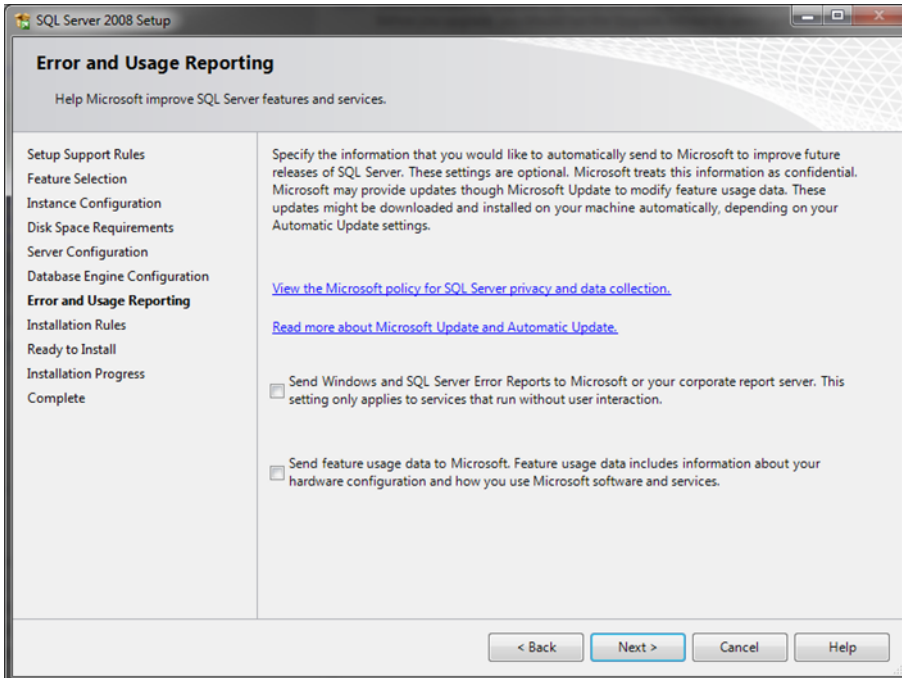
7. Select all components. Then click Next.



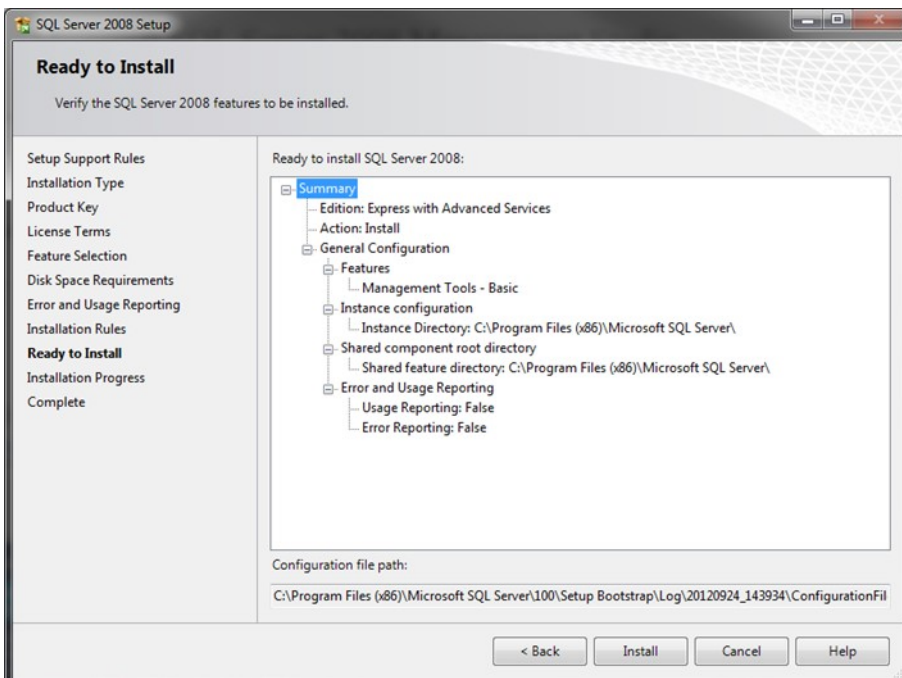
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8. Click Next.



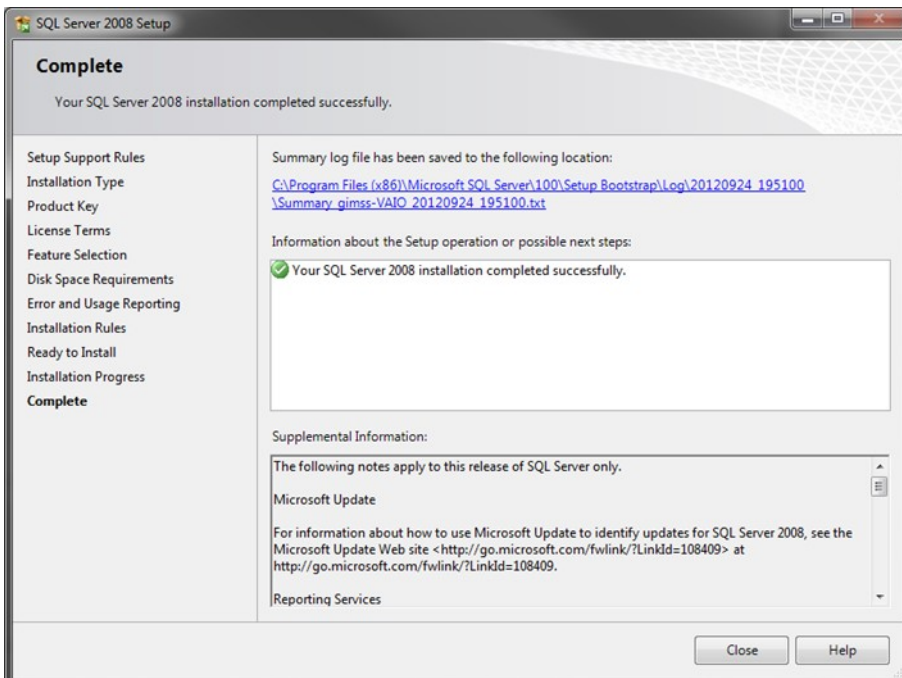
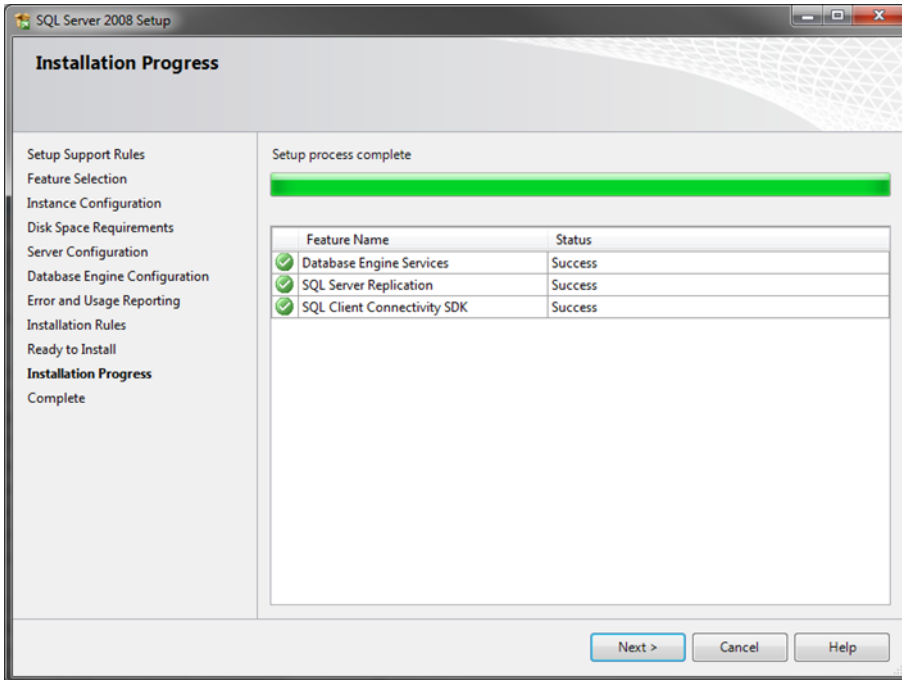
9. Click Install.



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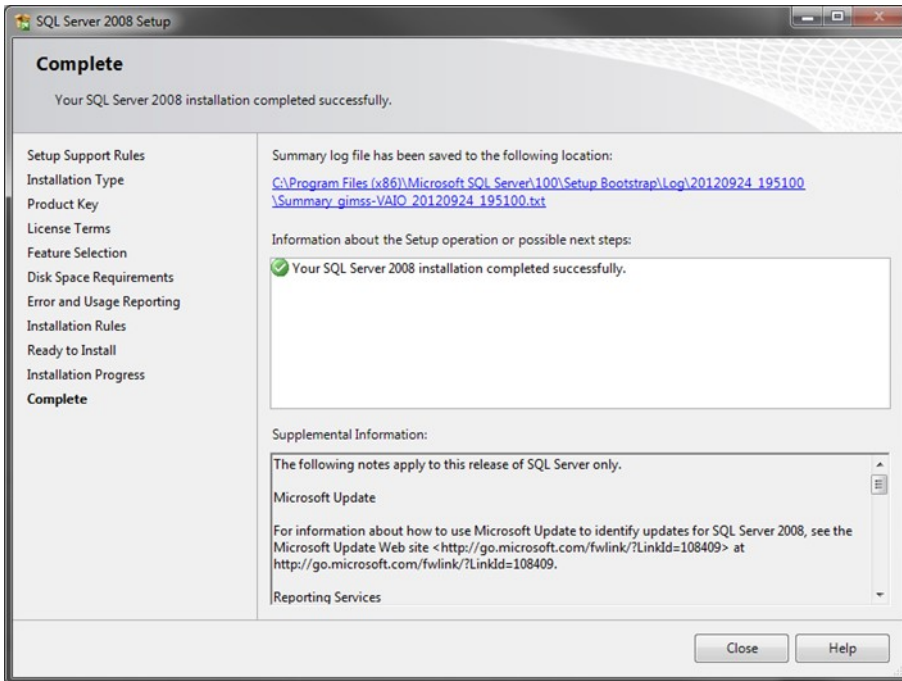
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10. Click 'Next' finishing installation.

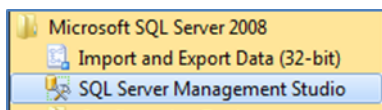


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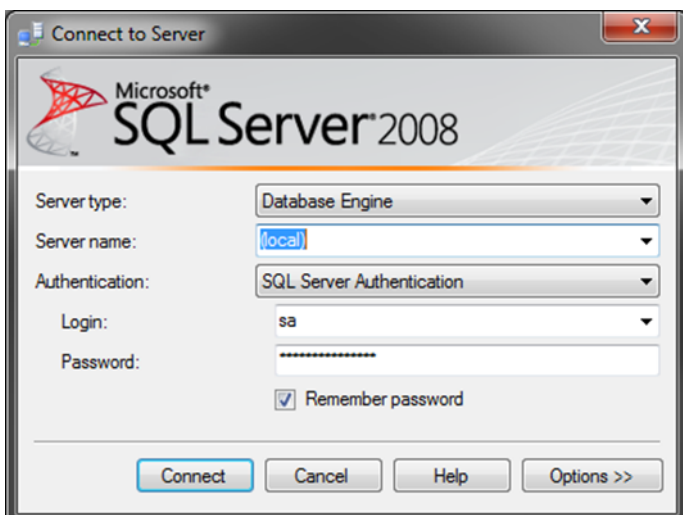
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11. Execute 'Start->Programs-> Microsoft SQL Server 2008 -> SQL Server Management Studio' in windows.



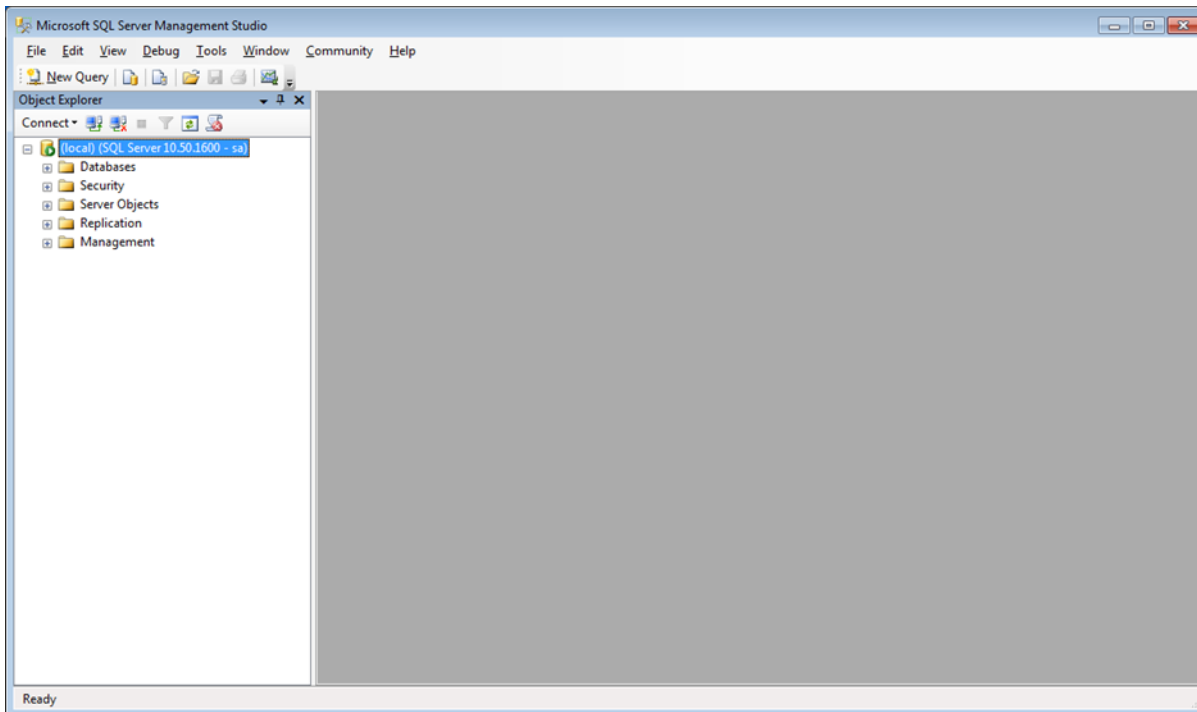
12. Select (local) on SQL Server log in window. Select SQL Server for Authentication. Select in 'sa' for Login box. Type in password. Click Connect.



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13. The window shows as below picture, when SQL Server 2008 is properly installed.



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License registration

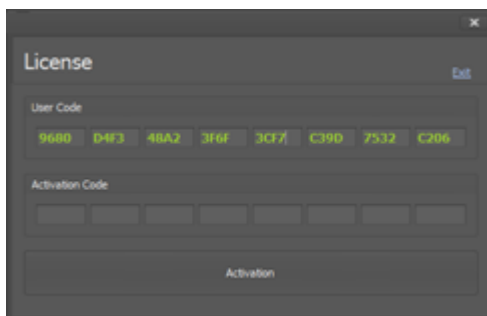
License registration needs only for Vantage Point (Professional). Once installing and running Vantage Point (Professional), it requires license registration.

1. 'Start-> Programs->SensorAccess->Vantage Point (Professional)', run the Vantage Point program.
2. It shows 'License code does not match.' Click [OK].

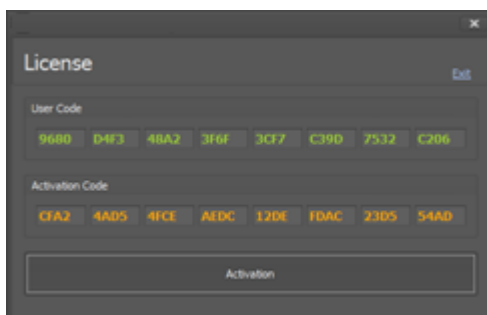


3. License window comes with a user code of eight sets of 4 digit code.

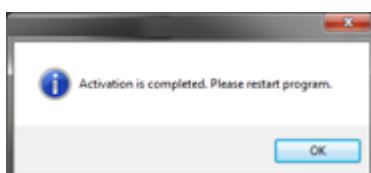
Please send us the user code and basic site information (Country, Company Name and Contact) via e-mail to support@sensoraccess.co.uk We send activation code within 24hours.



4. Once received activation code, input the code and click activation button.



5. If the code is in accord, it completes activation and click ok.



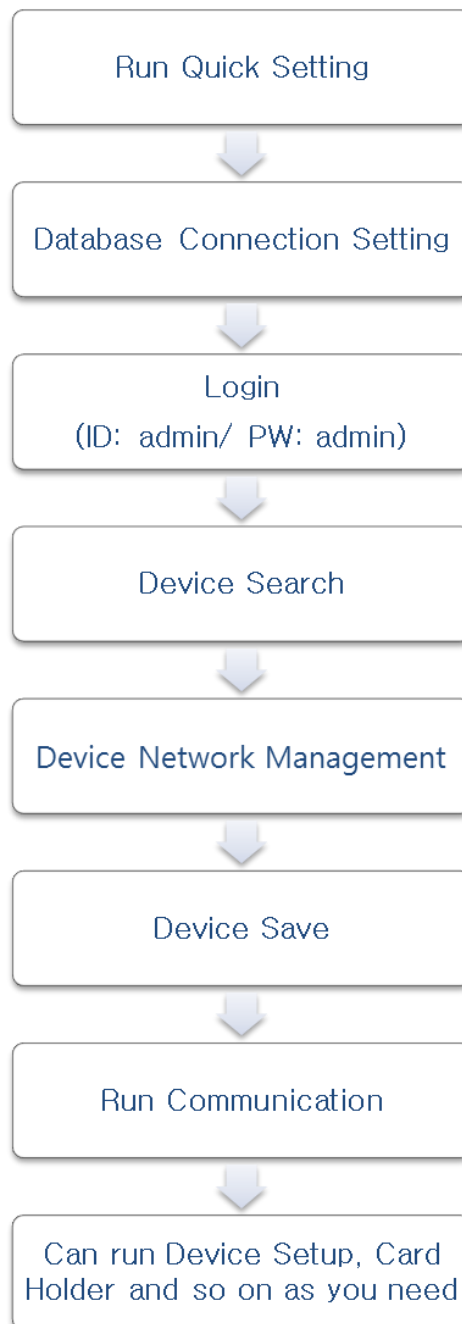
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Ch.3 Setting up Vantage Point

This chapter explains how to make basic settings, its database connection, theme, and log-in.

Setting Flow



Vantage Point Access Control Software

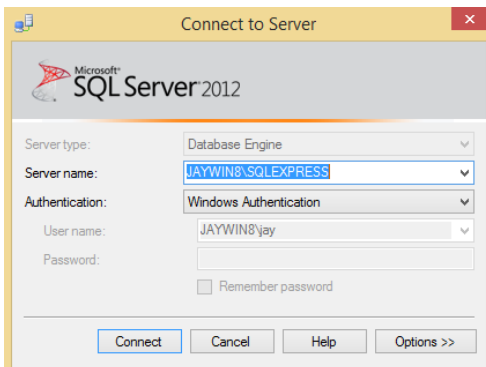
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Database connection

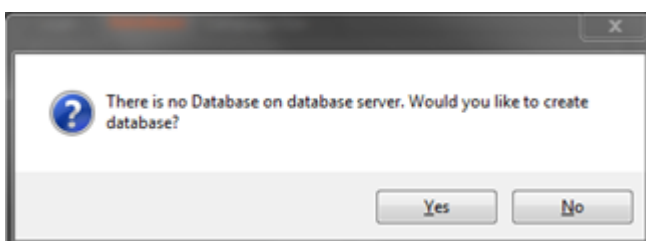
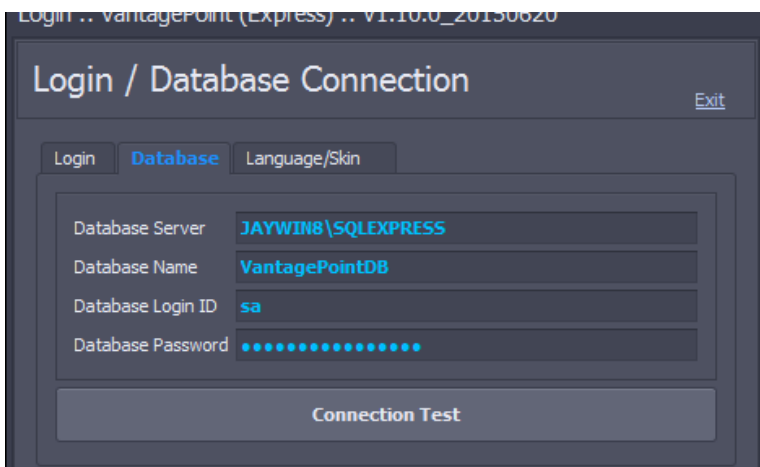
In order to log into the system, it requires database connection setup.

Check IP address of the PC installed Microsoft SQL Server, SQL Server log-in ID and password.

1. Click Quick Setting 'Start->Programs->SensorAccess-> Vantage Point (Express or Professional).
2. Type in the named instance of the installed Microsoft SQL Server. This can be obtained from management studio's connection screen



3. Type in SQL Server log-in ID. Generally use sa (sa: system admin).
4. Type in SQL Server connection password.
5. Click Connection Test bar to check if the database setting is made correctly.



6. In case of the first connection to the database there is no database and it asks if you would like to create database. Click Yes.

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Important

For database creation, SQL Server and Vantage Point (Express or Professional) should be installed in same PC.

If they are installed in two separate PCs Vantage Point cannot create the database.

Menu	Description
Database Server	IP address of the PC installed Microsoft SQL Server.
Log-in ID	Account to make connection to Microsoft SQL Server.
Password	Password of Log-in account of Microsoft SQL Server.
Connection Test	Check if the Microsoft SQL Server connection setting is properly made and if there is no database, it creates a new one.

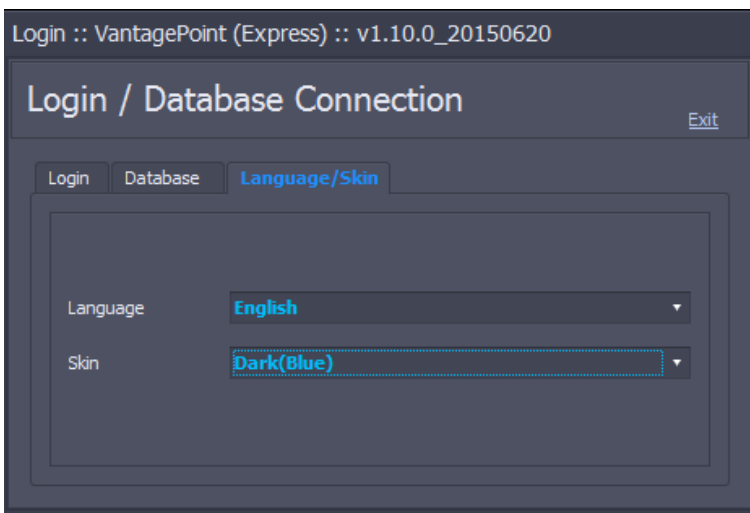
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Languages and Skins

Select language and skin to use in Vantage Point.

1. Select language to use.
2. Select skin type to use.



Menu	Description
Language	Select language to use; English, Spanish, Korean and more
Skin	Select skin type. It provides seven skin types to choose as user's preference.

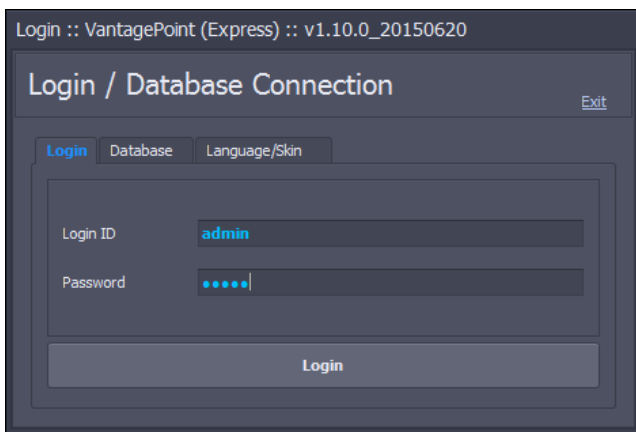
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Log-in

Create an account to use the system.

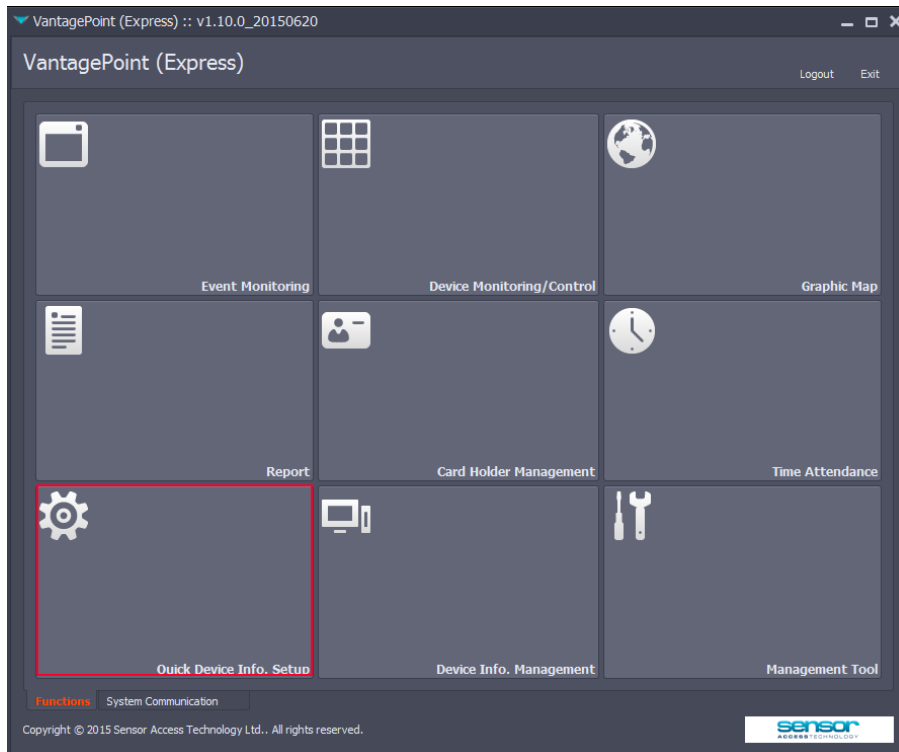
1. Type login ID: Default is: admin
2. Type password. Default is: admin
3. Click login.



Menu	Description
Login ID	Account to use the system
Password	Password of the account to use the system

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Ch.4 Quick Device Setup

The system can search VC4/2 controllers connected to the network in Device search tap of Quick Device Setup. In this chapter it explains how to define and to change network setup and location of controllers searched.

Device Search

Searches controllers connected in the network.

1. Click search.
2. Once it shows controllers searched, double click the controller to define on the upper side list, and then it moves from the upper side list to the bottom.

Vantage Point searches controllers only in the same network. If controllers are in another network, for initial configuration connect the controllers in the same network.

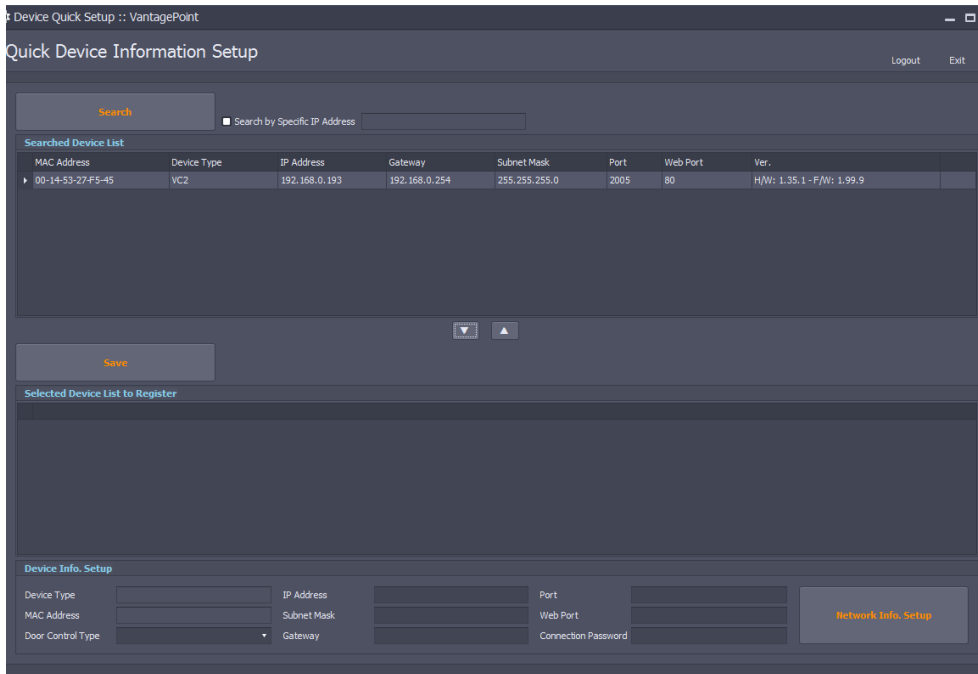
Search by specific IP address can be used only after making network data setting in a same network.

Once set the network data, connect the controller in a network and input IP address and click search button.

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3. Repeat step 2 for each controller setting moving the controllers from upper list to the bottom.



Device Quick Setup :: VantagePoint

Quick Device Information Setup

Search

Search by Specific IP Address

Searched Device List

MAC Address	Device Type	IP Address	Gateway	Subnet Mask	Port	Web Port	Ver.
00-14-53-27-F5-45	VC2	192.168.0.193	192.168.0.254	255.255.255.0	2005	80	H/W: 1.35.1 - F/W: 1.99.9

Save

Selected Device List to Register

Device Info. Setup

Device Type: IP Address: Port:
 MAC Address: Subnet Mask: Web Port:
 Door Control Type: Gateway: Connection Password:

Network Info. Setup

Device Network Management

Change the controllers' network data

1. Select controller to change network data in the list.
2. Change IP address, Subnet Mask, Gateway and port number

Device Type, MAC Address cannot be changed. Web port is a port for a connection via web browser. Connection Password is a password for the software to make connection to a VC4/2 controller. Please keep this password since the software cannot make communication with controllers if the password is not correct. The default password is set as 12345678.

If you require to change the password, it has to be an 8 digit number.

3. Click Network info Setup to save the data, the controller will now become highlighted
4. Once the network data is set and the controller is highlighted click save to register the controller and initiate communication

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Ch.5 Device Information Management

In this chapter it explains how to make controller setting with details and to register controllers individually.

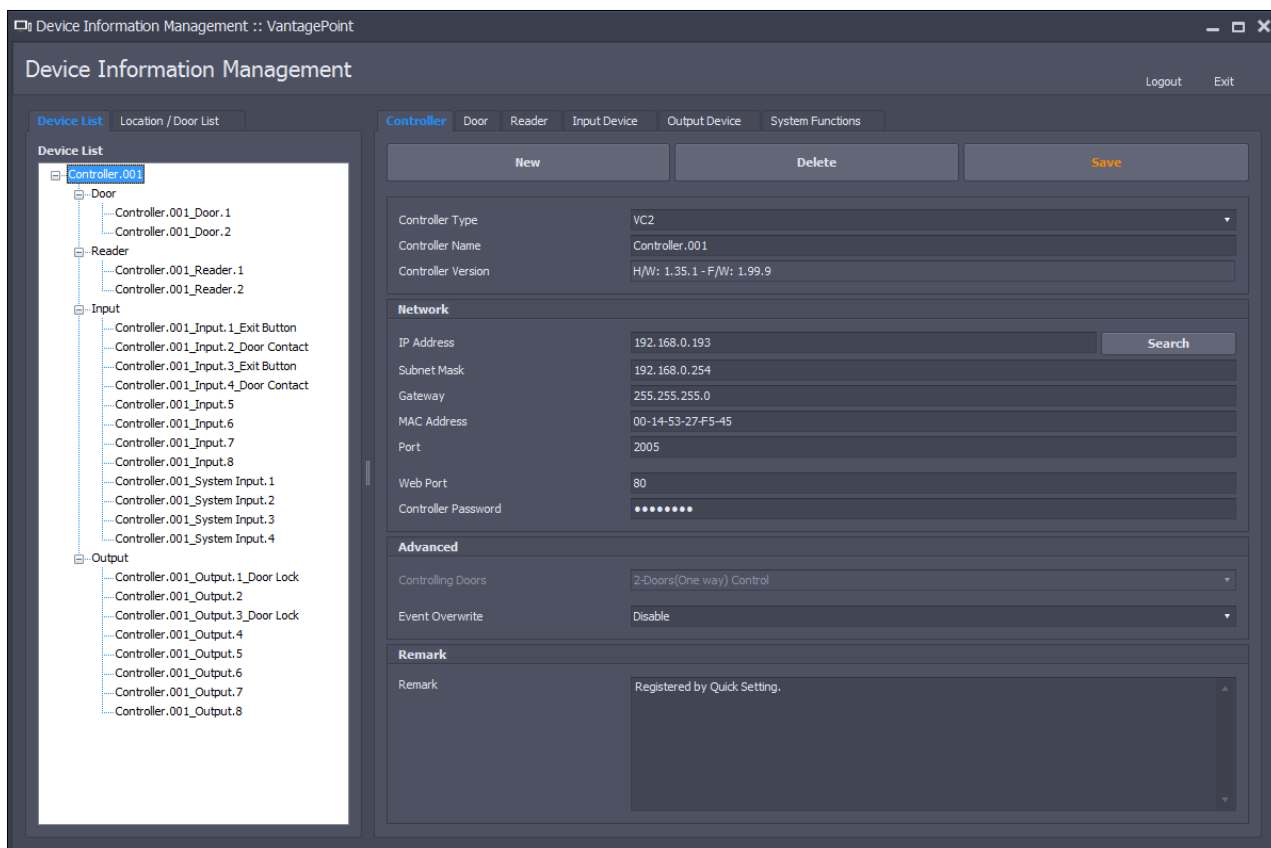
Controller Management

Vantage Point provides menus to make settings of controller details.

Once the controllers are registered and in communication, detailed settings for each controller, door, reader, input and outputs can be made in the Device Management as follows

1. Select a controller from device list.
2. Enter detailed data of the controller in controller tab.
3. Click Save.
4. Once the data for the controller tab is saved you can set the door management, reader management, input device management and output device management in order.
5. Once all the settings are done, click the upload button to upload to controllers.

Upload can be processed only when the communication module is running.



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Menu	Description
New	To add controllers manually
Save	To save setting data revised or added
Delete	To delete controllers
Upload	To transmit setting data to controllers
Controller type	Select controller model installed
Controller name	Give a name to each controller
IP address	Input IP address of each controller
Subnet Mask	Input subnet Mask
Gateway	Input gateway
Port	Define port to use for connection among Smart-X Manager and controllers. The default port is 2005
Web Port	Define port for web browser connection to controllers. Its default value is 80.
Controller password	Connection Password is a password for the software to make connection to a VPC2/4 controller. Please keep this password since the software cannot make communication with controllers if the password is not correct. The default password is set as '12345678'. If changing password, it has to be an 8 digit number.
Door control type	2 Door control: to make controller initial setting as door control with entrance and exit reader. 4 Door control: to make controller initial setting as door control with entrance and exit button.
Event overwrite	Disable: When event buffer memory is full, new event data will not be stored. Enable: When event buffer memory is full, new event data will be overwritten erasing the oldest event data.

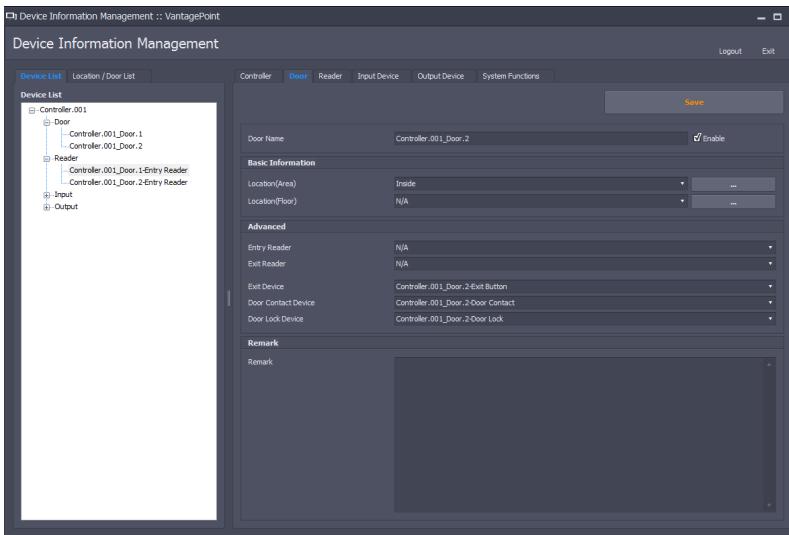
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

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Door Management

Vantage Point provides a settings menu for door management.

1. Select a door in the Device list.
2. Enter detailed door data in door management screen
3. Click Save.
4. To apply the detailed door setting immediately, go to controller management tab and click upload.



Menu	Description
Save	Save setting data
Door Name	Give a name to doors (Don't duplicate the names)
Location (Area)	Select location where the door is. If there is no location, click  and add a location.
Location (Floor)	Select floor where the door is. If there is no floor option, click  and add a floor.
Entry Reader	Select the reader used for entrance.
Exit Reader	Select the reader used for exit. (If the controller is set as 4 door control, it shows as non-available.)
Exit Device	Select exit button (or other input device) for exit of the door.
Door Contract	Select door contact input.
Door Lock	Select door lock.

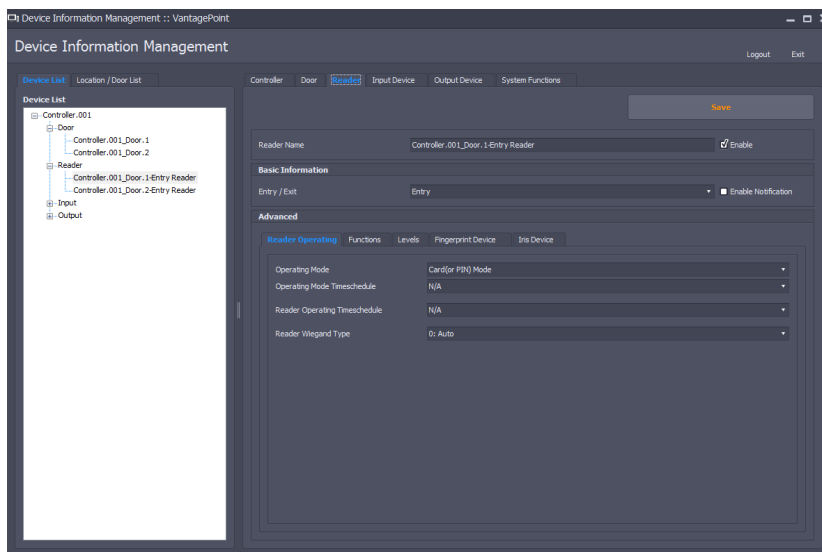
Vantage Point Access Control Software

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Reader Management

Vantage Point provides a menu to set reader data in reader management tap.

1. Select a reader to set in device list.
2. Set detailed reader data in the reader management tap.
3. Click Save.
4. To apply the detailed reader setting immediately, go to controller management tap and click upload.



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Menu	Description
Save	Save reader setting data.
Reader name	Give a name to readers. (Do not duplicate their names)
Reader enable	Select reader enable/disable.
Entry/Exit	Select if the reader is used for entry or exit.
Operating Mode	Select the operating mode of access approvals in reader. Card recognition, Card recognition and entering password , Entering PIN
Operating Mode Timeschedule	If operating mode of reader is card recognition and entering password, you can set up the time schedule. At specified time, reader operates only card recognition mode and at the outside of the time reader operates card recognition and entering password mode.
Reader Operating Timeschedule	By setting time schedule, you can let reader operate only at specified time.
Functions- Anti-Passback Mode	Setting of Anti-Passback mode Soft Anti-Passback: When anti-passback occurs, A card holder is normally allowed to enter but event manager marks this anti-passback as an event. Timed Anti-Passback: When the same card is recognized twice within a specified time that has been set, anti-passback occurs. You can also set a time for Anti Passback to reset Hard Anti-Passback: When anti-passback occurs A card holder is not allowed to enter and the event manager marks this anti-passback as an event.
Functions- Timed Anti-Passback Delay Time	If you use Timed Anti-Passback, you can set a delay time enabling anti-passback when a second card pass occurs after first card pass
Functions- Duress Mode Code	Set four digit code that is to be used in Duress mode. If you are threatened by someone and you have to open the door using Duress mode, The door is open but this situation is notified to the event manager as emergency.
Functions- Supervisor Data	If you use a reader that has supervisor function, you can set data to confirm whether reader and controller are connected each other.
Functions- Decreasing Value of Credit	If you use credit function, you can set the amount of credit decrement when reader recognizes card. EX) If a card holder has 10000 credits and the amount of decrement is 1000 credits, after one reading the card holder's credit will be changed to 9000 credits.

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Menu	Description
Functions-Reader Try Out Count	You can set the number denied card pass events to generate an alarm when unauthorized person tries to enter. E.G.) When reader try out count is set 3, if an unauthorized person tries to enter consecutively 3 times, the forth reading generates alarm.
Functions-Reader Try Out Reset Time	You can set a time to reset the number of readings after reader try out occurs. E.G.) When reader try out reset time is set 5 seconds, if an unauthorized person tries to enter more than reader try out count, after 5 seconds the person can try again to enter within reader try out count.
Functions-Arm Delay Time	You can set an alarm delay time for putting a reader in the alarm mode E.G.) If the alarm delay time is set 5 seconds, after 5 seconds from setting alarm mode using alarm setting card reader is set to alarm mode.
Levels-Access Level	You can set access level of reader. If a card holder's level is higher than access level the card holder is allowed to enter. If card holder's level is equal or lower than access level the card holder is not allowed to enter. Batch controlling is available by grouping card holders as their levels. By changing reader or card holder's access level you can rapidly and efficiently control approvals to card holders. If you set reader's access level higher without revise of card holder's information, card holders that are equal or lower than reader's access level are not allowed to enter. E.G.) Reader1's access level is 3, card holder A's access level is 4 -> allowed to enter Reader1's access level is changed to 4 or 5, card holder A's access level is 4 -> not allowed to enter
Levels-Operating Mode Level	You can set operating mode (card recognition, card + password etc.) level. If card holder's reader operating mode is higher than operating mode level set at a reader the reader will operate at the card holder's reader operating mode If card holder's reader operating mode is equal or lower than the reader's operating mode the reader will continue to operate at the reader's operating mode level Batch controlling is available by grouping card holders as their levels. By changing reader's or card holder's reader operating mode level, you can rapidly and efficiently control card holder's operating mode.
Levels-Anti-Passback Level	You can set anti-passback level. If a card holder's anti-passback level is higher than reader's anti-passback level the card holder is controlled by whether the card holder uses anti-passback. If a card holder's anti-passback level is equal or lower than reader's anti-passback level the card holder is controlled by whether reader uses anti-passback. Batch controlling is available by grouping card holders as their levels. By changing reader or card holder's anti-passback level, you can rapidly and efficiently control card holder's anti-passback usage.
Levels-Anti-Passback Mode Level	You can set anti-passback mode (Hard, Soft, Timed etc.) level. If a card holder's anti-passback mode level is higher than reader's anti-passback mode level the card holder is controlled by card holder's anti-passback mode level. If the card holder's anti-passback mode level is equal or lower than a reader's anti-passback mode level the card holder is controlled by reader's anti-passback mode level. Batch controlling is available by grouping card holders as their levels. By changing reader or card holder's anti-passback mode level, you can rapidly and efficiently control card holders' anti-passback mode level.

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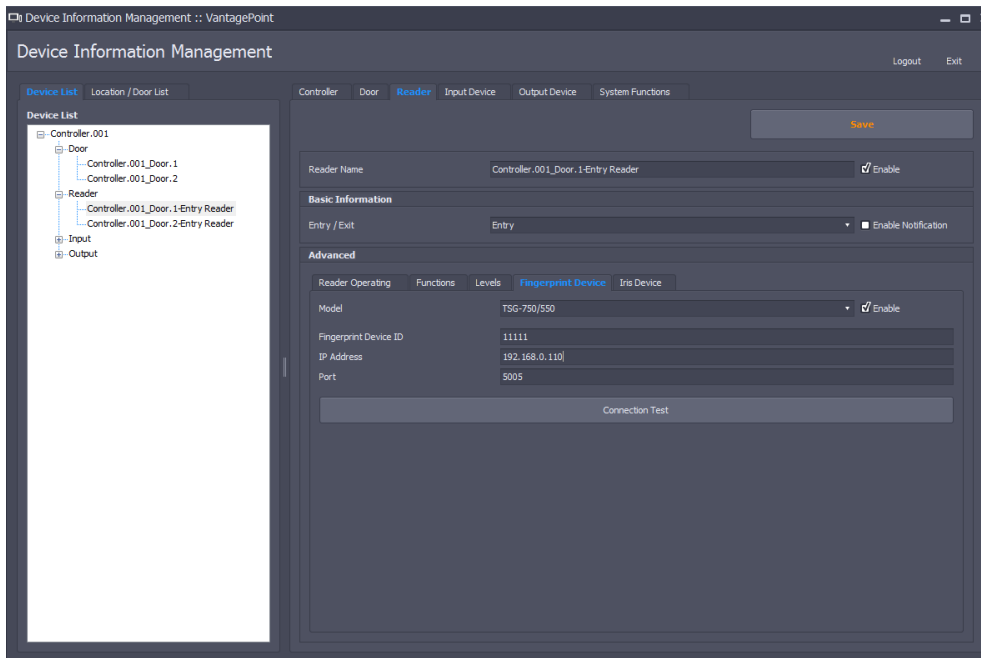
Menu	Description
Levels- Arm/Disarm Level	<p>You can set arm/disarm level.</p> <p>If a card holder's arm/disarm level is higher than that of a reader the card holder can set arm/disarm. If card holder's arm/disarm level is equal or lower than that of a reader the card holder can't set arm/disarm.</p> <p>Batch controlling is available by grouping card holders as their levels. By changing reader or card holder's arm/disarm level, you can rapidly and efficiently control card holders' arm/disarm usage.</p>
Levels- Card holder Level	<p>You can set card holder level (access right).</p> <p>If the visitor level of a card holder is higher than visitor level of reader the visitor is allowed entrance. If visitor level of a card holder is equal or lower than visitor level of reader the visitor has to enter with another card holder who is set as a guide. Also the visitor level of the card holder who is set as guide must higher than that of reader.</p> <p>Batch controlling is available by grouping card holders as their levels. By changing reader's or visitor's visitor level, you can rapidly and efficiently control approvals of visitors.</p>
Levels- PIN Level	<p>You can set reader's PIN usage level.</p> <p>If a card holder's PIN level is higher than reader's PIN level, the reader operates by whether the card holder uses a PIN. If card holder's PIN level is equal or lower than reader's PIN level it operates by reader's PIN mode.</p>

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Biometrics (Iris, Fingerprint) Reader Setting

5. Select Reader from the Device List
6. Select Reader tab.
7. Click Fingerprint Device tab.
8. Select Fingerprint Device Mode. You can select TSG-750 or TSG-550.'
9. Mark Enable option.
10. Input Fingerprint Device ID, IP Address of Fingerprint Device and Port number.
11. Click Connection Test button to check device connection.
12. Click Save button.



13. In case of Iris device select Iris Device tab.
14. Select iCAM7000 Series from Model.
15. Mark Enable option.
16. Input IP Address of Iris(iCam) device.
17. Input Security ID, User ID and Password.
18. Click Connection Test button to check device connection.
19. Click Save button.

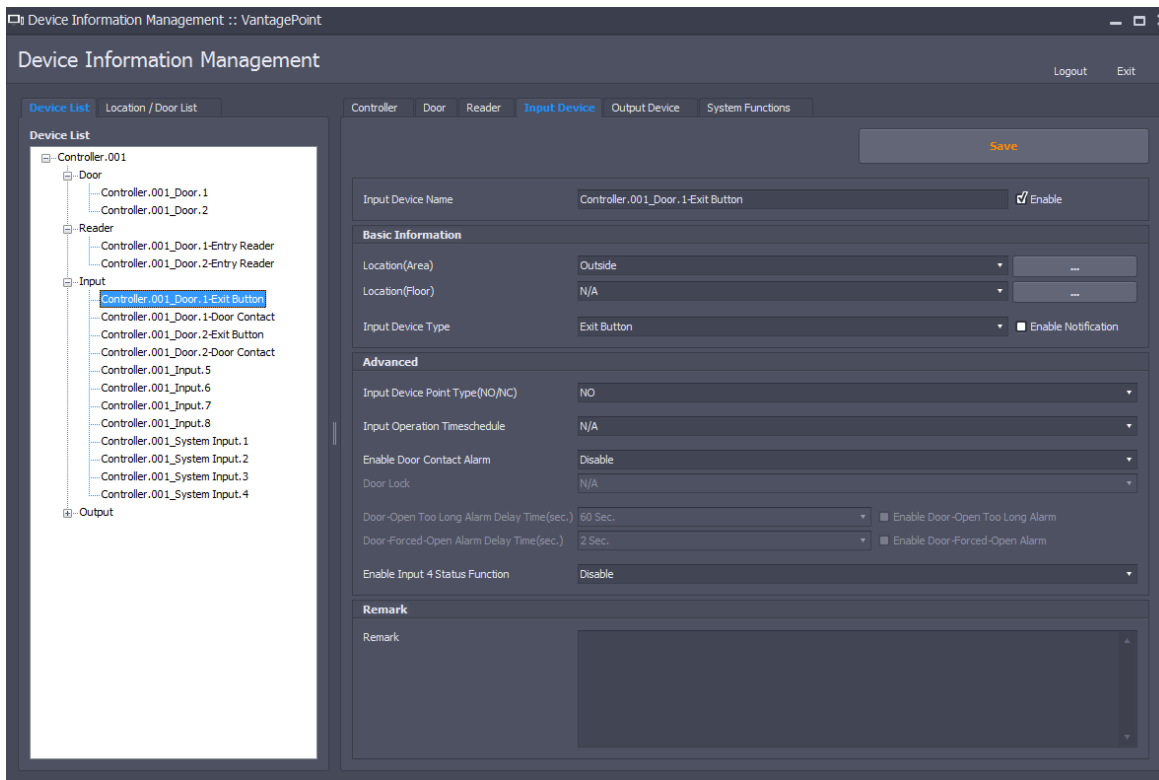
Vantage Point Access Control Software

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Input device management

Vantage Point provides setting menus for an input device.

1. Select an input device to set in device list.
2. Set detailed data in the input device management.
3. Click save button.
4. To apply the detailed input device setting immediately go to controller management tap and click upload.



The screenshot displays the 'Device Information Management' window in VantagePoint. The interface is divided into a left sidebar and a main configuration area. The sidebar shows a tree view of the device hierarchy, with 'Controller.001' expanded to show 'Door', 'Reader', 'Input', and 'Output' categories. Under 'Input', 'Controller.001_Door.1-Exit Button' is selected. The main area shows the configuration for this device, including a 'Save' button, 'Input Device Name', 'Basic Information' (Location/Area, Location/Floor, Input Device Type), 'Advanced' settings (Input Device Point Type, Input Operation Timeschedule, Enable Door Contact Alarm, Door Lock, Door-Open Too Long Alarm Delay Time, Door-Forced-Open Alarm Delay Time, Enable Input 4 Status Function), and a 'Remark' field.

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Option	Description
Save	Save the input device settings
Input Device Name	Enter input device name (Device name can't be duplicated)
Location(Area)	Select the location (area) of the input device. If there is no location (area), click  to enroll.
Location(Floor)	Select the location (floor) of the input device. If there is no location (floor), click  to enroll.
Input Device Type	Select input device type.
Input Device Point Type (NO, NC)	Select device point type (NO, NC).
Input Operation Time schedule	Select operation time schedule of input device. During the set time, receives input device's signal.
Door Contact Alarm Enable	When the input device type is a door contact if events occur such as door opening, forced door opening, and etc., you can set whether generates alarm or not.
Door Lock	When the input device type is a door contact, you can set what output device is related to the door lock.
Door-Open Too Long Alarm Delay Time(sec.)	When input device type is door contact, you can set the delay time to sound an alarm when door is too long open.
Door-Forced-Open Alarm Delay Time(sec.)	When input device type is a door contact, you can set delay time to alarm when door is forced open.
Input 4 Status Function Enable	You can set whether you will use input 4 states (ON/OFF/CUT/SHORT).

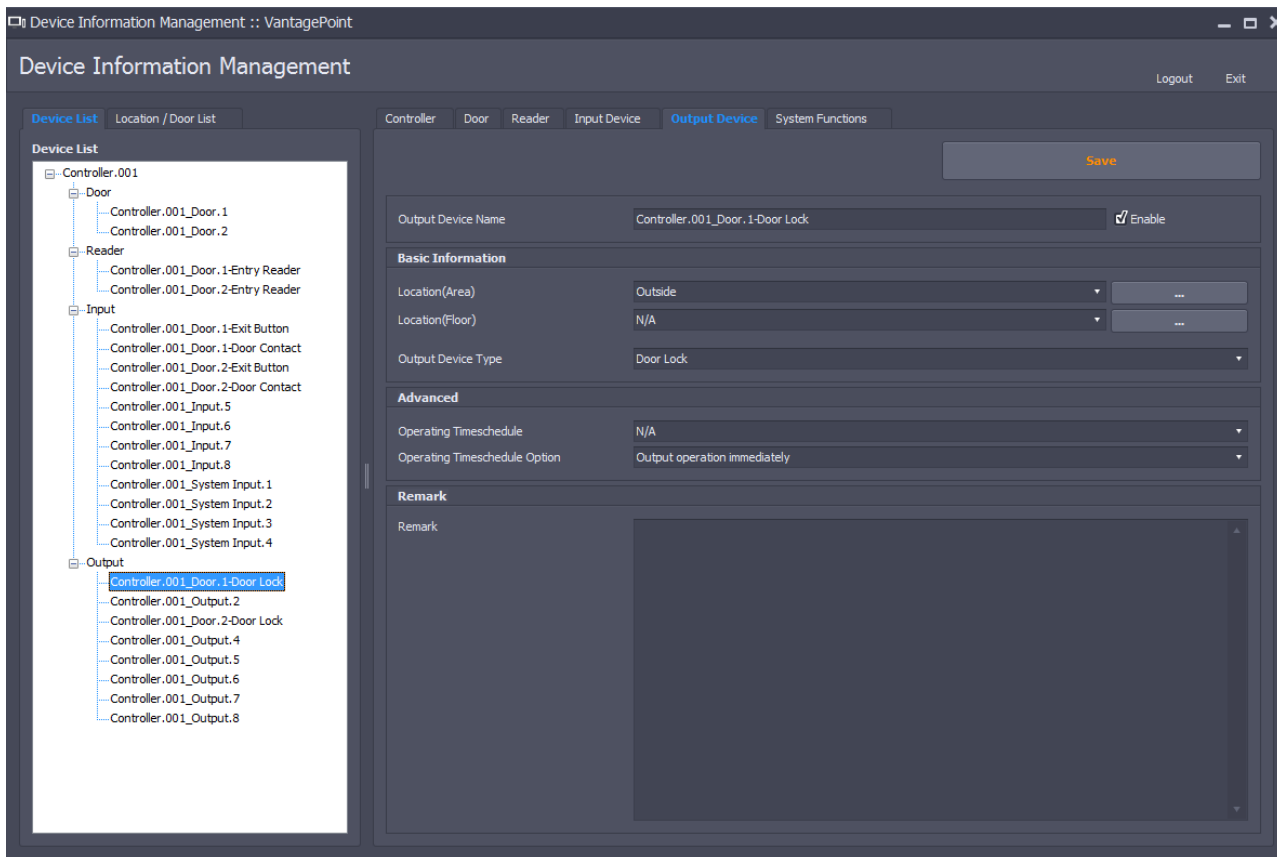
Vantage Point Access Control Software

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Output Device Management



Vantage Point provides setting menus for output device

1. Select an output device to set in the device list.
2. Set detailed data in the output device management screen
3. Click save button.
4. To apply the detailed output device setting immediately go to controller management tap and click upload



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Menu	Description
Save	Save output setting data.
Output Device Name	Enter output device name. (Device name can't duplicated)
Location(Area)	Select the location (area) of output device. If there is no location (area), click  to enroll.
Location(Floor)	Select the location (floor) of output device. If there is no location (floor), click  to enroll.
Output Device Type	Select output device type.
Output Times schedule	Select operation time schedule of output device. During the set time, the output device is ON.
Output Time schedule Option	Select operating option of output device in time schedule. It operates depending on set option.

Vantage Point Access Control Software

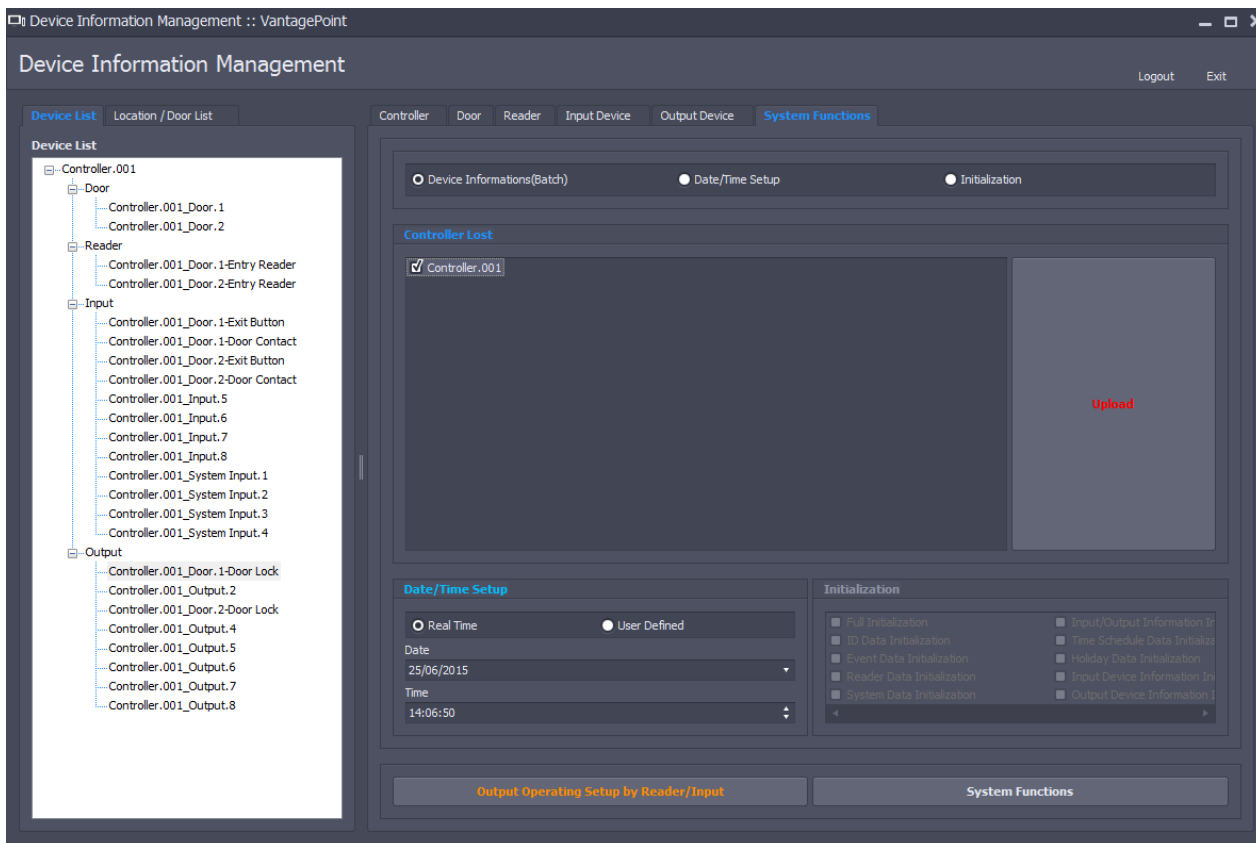
VantagePoint Application User Manual

Functions (Time / Initialization)

Point provides a setting menu for controller initialization and time setting.

1. Select a controller to set in device list.
2. Select date/time setup or initialization.
3. In the case of initialization, select initialization type.

Caution! Depending on initialization type, all settings may be initialized.



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Type	Description
Initialization Type	<p>Full Initialization : All data is changed as factory release data. But, network information is not changed. Network information is initialized by switching on 4th initialization switch of controller.</p> <p>ID Data Initialization : All ID information stored in controller is deleted.</p> <p>Event Data Initialization : All event information stored in controller is deleted.</p> <p>Reader Data Initialization : All setting information about reader stored in controller is changed as factory release data.</p> <p>System Data Initialization : All setting information about controller stored in controller is changed as factory release data.</p> <p>Input / Output Information Initialization : All setting information about input/output stored in controller is changed as factory release data.</p> <p>Timeschedule Data Initialization : All information about timeschedule stored in controller is deleted. All used time schedules are not applied.</p> <p>Holiday Data Initialization : All holiday data stored in controller are deleted. The holiday data used in controller are not applied.</p> <p>Input Device Information Initialization : All input device information stored in controller is changed as factory release data.</p> <p>Output Device Information Initialization : All output device information stored in controller is changed as factory release data.</p> <p>Anti-Passback Initialization : Anti-passback information used in controller is changed as factory release data.</p> <p>Arm Initialization : Alarm information used in controller is changed as factory release data.</p>

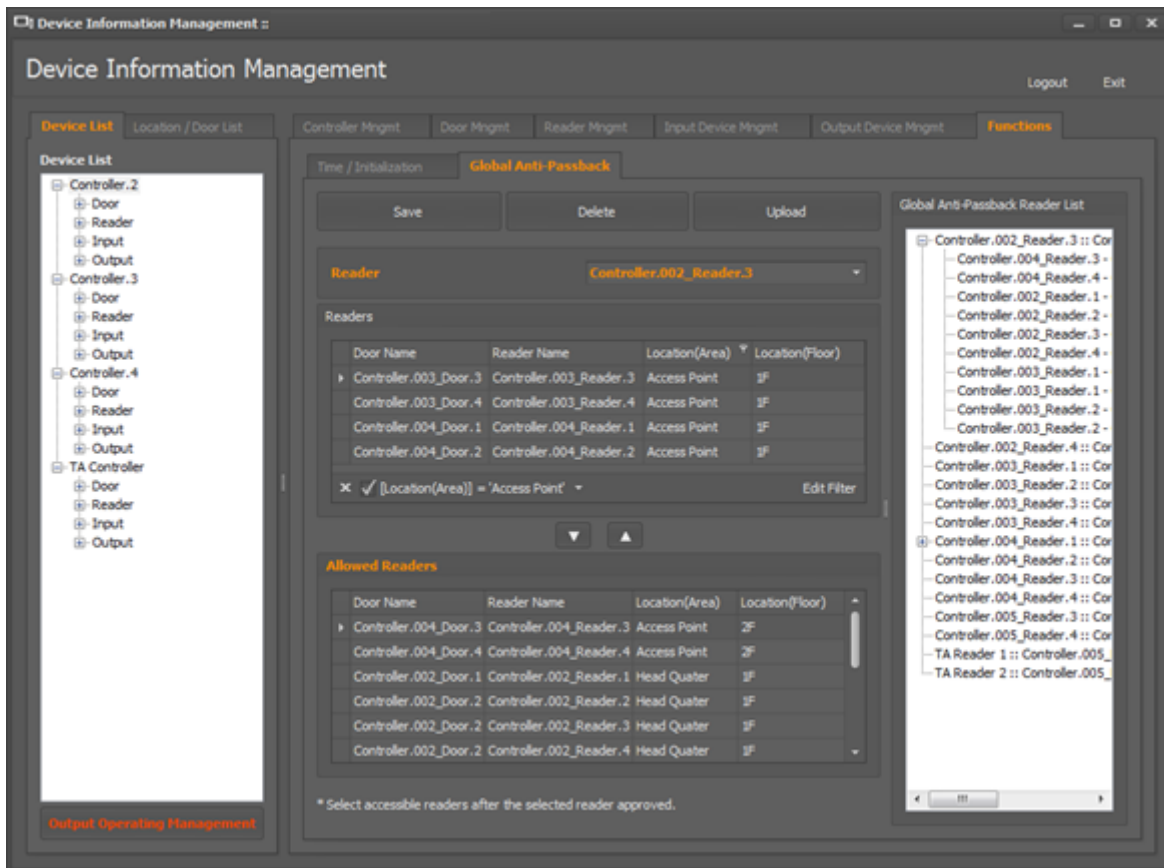
Vantage Point Access Control Software

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Functions (Global Anti-Passback)

You can initialize and set the time of devices.

1. Select a reader to apply functions anti-passback.
2. In the reader list, select readers that can enter after allowed by selected reader.
3. Click save to save.
4. To apply set information to controller, click upload to upload controller.



The screenshot shows the 'Device Information Management' application window. The 'Functions' tab is active, and the 'Global Anti-Passback' sub-tab is selected. The interface includes a 'Device List' on the left, a central configuration area with 'Readers' and 'Allowed Readers' tables, and a 'Global Anti-Passback Reader List' on the right. The 'Readers' table is filtered to show 'Access Point' locations. The 'Allowed Readers' table lists readers that are permitted to enter after the selected reader.

Door Name	Reader Name	Location(Area)	Location(Floor)
Controller.003_Door.3	Controller.003_Reader.3	Access Point	1F
Controller.003_Door.4	Controller.003_Reader.4	Access Point	1F
Controller.004_Door.1	Controller.004_Reader.1	Access Point	1F
Controller.004_Door.2	Controller.004_Reader.2	Access Point	1F

Door Name	Reader Name	Location(Area)	Location(Floor)
Controller.004_Door.3	Controller.004_Reader.3	Access Point	2F
Controller.004_Door.4	Controller.004_Reader.4	Access Point	2F
Controller.002_Door.1	Controller.002_Reader.1	Head Quarter	1F
Controller.002_Door.2	Controller.002_Reader.2	Head Quarter	1F
Controller.002_Door.2	Controller.002_Reader.3	Head Quarter	1F
Controller.002_Door.2	Controller.002_Reader.4	Head Quarter	1F

* Select accessible readers after the selected reader approved.

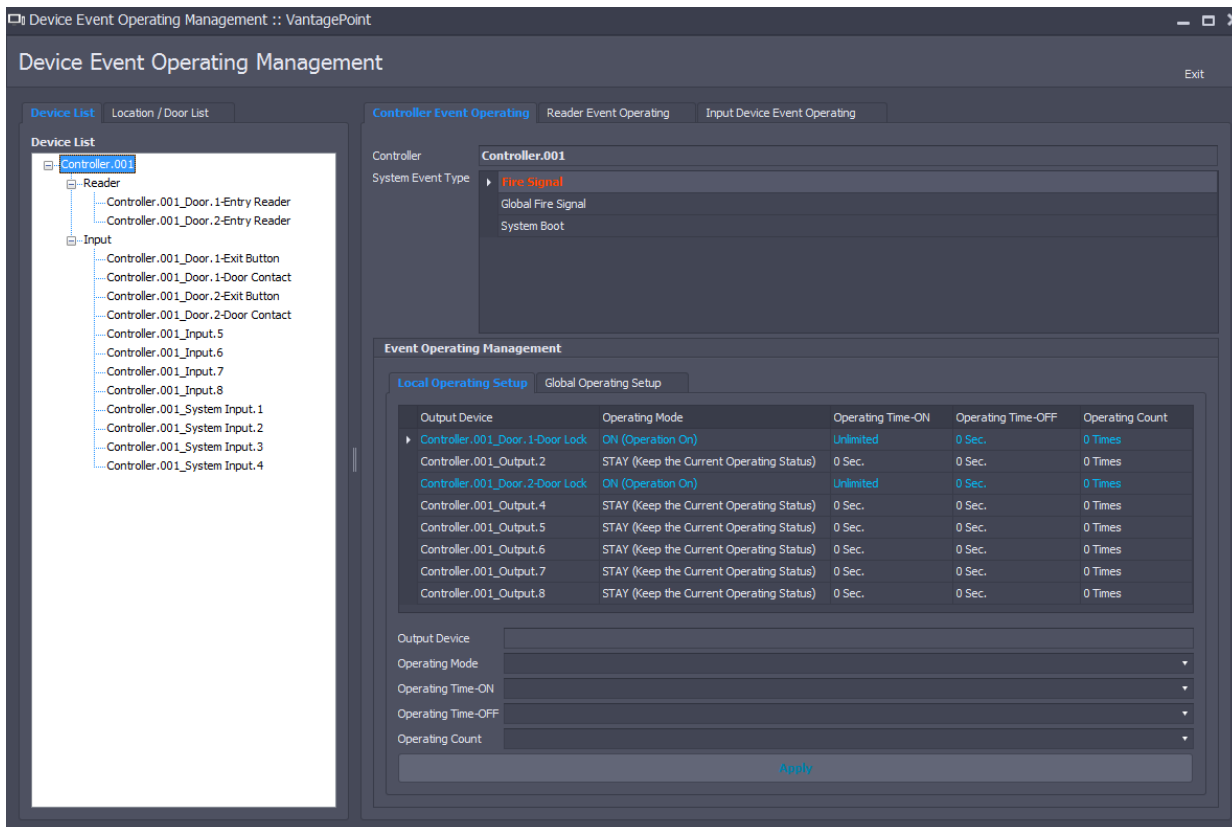
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Device Event Operation Management

Vantage Point provides a menu to set output operation for each event of controller, of reader, of input device.

1. Click output operating management button on the bottom of device list in the Device Management window.
2. Select controller in the device list.
3. Select system event type
4. Select an output to set in the local operating set up, and enter setting value as needed.
5. Click save button.



The screenshot shows the 'Device Event Operating Management' window. On the left is a 'Device List' tree with 'Controller.001' selected. The main area is divided into 'Controller Event Operating' and 'Event Operating Management'. Under 'Controller Event Operating', 'Fire: Signal' is selected, showing 'Global Fire Signal' and 'System Boot'. The 'Event Operating Management' section has 'Local Operating Setup' selected, displaying a table of output devices and their configurations.

Output Device	Operating Mode	Operating Time-ON	Operating Time-OFF	Operating Count
Controller.001_Door.1-Door Lock	ON (Operation On)	Unlimited	0 Sec.	0 Times
Controller.001_Output.2	STAY (Keep the Current Operating Status)	0 Sec.	0 Sec.	0 Times
Controller.001_Door.2-Door Lock	ON (Operation On)	Unlimited	0 Sec.	0 Times
Controller.001_Output.4	STAY (Keep the Current Operating Status)	0 Sec.	0 Sec.	0 Times
Controller.001_Output.5	STAY (Keep the Current Operating Status)	0 Sec.	0 Sec.	0 Times
Controller.001_Output.6	STAY (Keep the Current Operating Status)	0 Sec.	0 Sec.	0 Times
Controller.001_Output.7	STAY (Keep the Current Operating Status)	0 Sec.	0 Sec.	0 Times
Controller.001_Output.8	STAY (Keep the Current Operating Status)	0 Sec.	0 Sec.	0 Times

Below the table are dropdown menus for 'Output Device', 'Operating Mode', 'Operating Time-ON', 'Operating Time-OFF', and 'Operating Count', followed by an 'Apply' button.

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Option	Description
Controller Event Operating	Select event type that takes place in controller.
Local Operating Set-up	The output that the controller operates.
Output Device	The output device that operates when event occurs in controller.
Operating mode	ON: activate the output continuously OFF: deactivate the output CLOCK: activate the output for a determined duration periodically STAY: maintain the current status of the output
Time-ON	Time-ON serve only with operating mode ON or CLOCK. 0: no action 1~600 sec.: activate for the duration set unlimited: activate continuously
Time-OFF	Time-OFF serve only with operating mode CLOCK 0: no action 1~600sec.: activate for the duration set Unlimited: activate continuously
Repetition	Repetition serve only with operation mode ON or CLOCK 0: activate one time only 1~600 : Repeatedly activate output for the set time for ON or for the duration set for CLOCK Unlimited: Continuously repeat the output operation set with

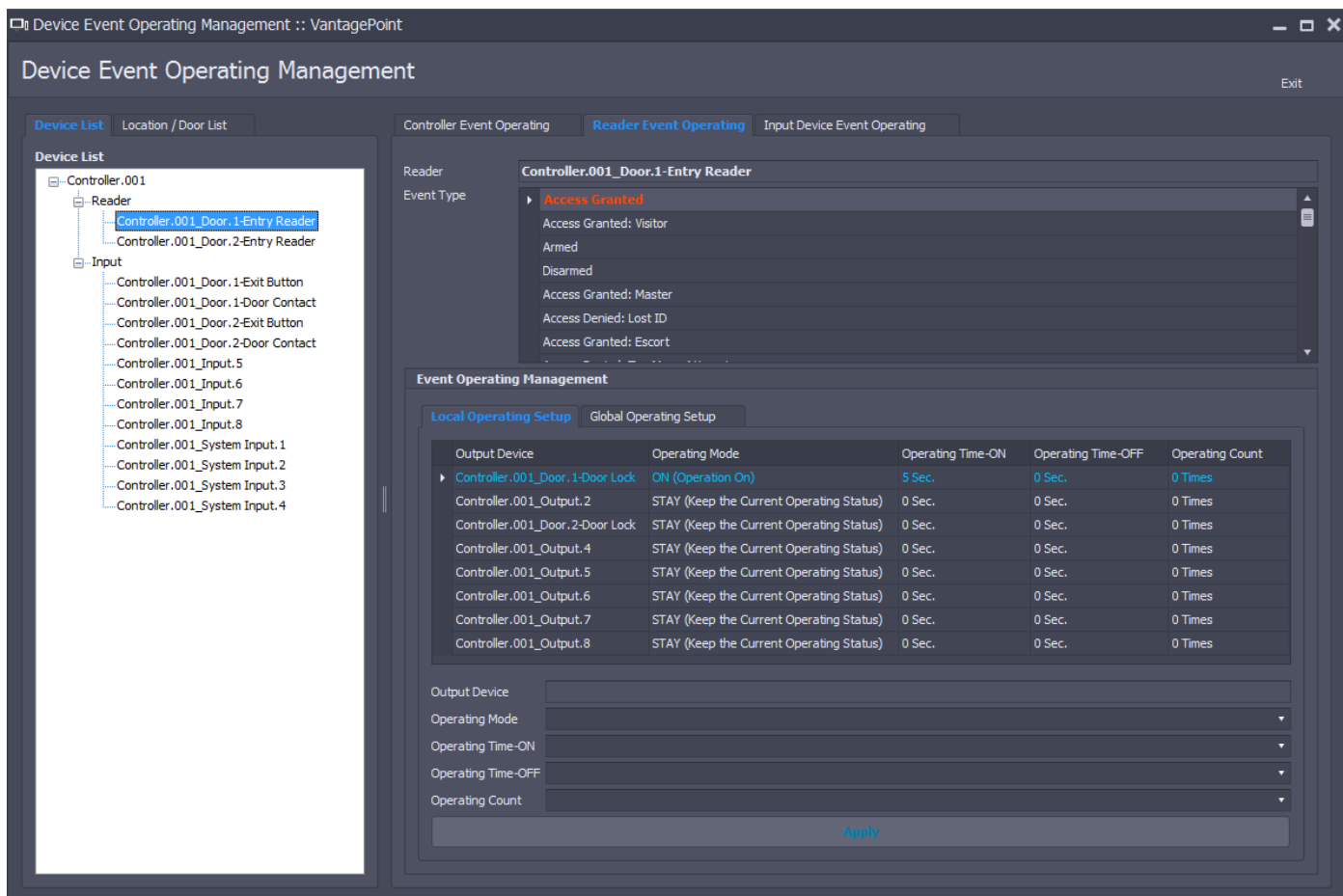
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VantagePoint Application User Manual

Device Event Operation Management (Reader Event)

Vantage Point provides a menu to set the operating mode for the events of controller, reader and of the input device.

1. Click output operating management button on the bottom of device list in the Device Management window.
2. Select reader in the device list.
3. Select system event type
4. Select an output to set in the local operating set up, and enter setting value as needed.
5. Click Apply.



The screenshot shows the 'Device Event Operating Management' window in VantagePoint. The window title is 'Device Event Operating Management :: VantagePoint'. The main title is 'Device Event Operating Management'. There are three tabs: 'Controller Event Operating', 'Reader Event Operating' (selected), and 'Input Device Event Operating'. On the left, there is a 'Device List' tree view showing a hierarchy: Controller.001 -> Reader -> Controller.001_Door.1-Entry Reader (selected). Below the tree, there are sections for 'Local Operating Setup' and 'Global Operating Setup'. The 'Local Operating Setup' section contains a table with columns: Output Device, Operating Mode, Operating Time-ON, Operating Time-OFF, and Operating Count. The table lists various devices and their current settings. Below the table, there are input fields for 'Output Device', 'Operating Mode', 'Operating Time-ON', 'Operating Time-OFF', and 'Operating Count', followed by an 'Apply' button.

Output Device	Operating Mode	Operating Time-ON	Operating Time-OFF	Operating Count
▶ Controller.001_Door.1-Door Lock	ON (Operation On)	5 Sec.	0 Sec.	0 Times
Controller.001_Output.2	STAY (Keep the Current Operating Status)	0 Sec.	0 Sec.	0 Times
Controller.001_Door.2-Door Lock	STAY (Keep the Current Operating Status)	0 Sec.	0 Sec.	0 Times
Controller.001_Output.4	STAY (Keep the Current Operating Status)	0 Sec.	0 Sec.	0 Times
Controller.001_Output.5	STAY (Keep the Current Operating Status)	0 Sec.	0 Sec.	0 Times
Controller.001_Output.6	STAY (Keep the Current Operating Status)	0 Sec.	0 Sec.	0 Times
Controller.001_Output.7	STAY (Keep the Current Operating Status)	0 Sec.	0 Sec.	0 Times
Controller.001_Output.8	STAY (Keep the Current Operating Status)	0 Sec.	0 Sec.	0 Times

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Option	Description
Reader Event Operating	Select event type that occurs in selected reader.
Operating mode	ON: activate the output continuously OFF: deactivate the output CLOCK: activate the output for a determined duration periodically STAY: maintain the current status of the output
Time-ON	Time-ON serve only with operating mode ON or CLOCK. 0: no action 1~600 sec.: activate for the duration set unlimited: activate continuously
Time-OFF	Time-OFF serve only with operating mode CLOCK 0: no action 1~600sec.: activate for the duration set Unlimited: activate continuously
Repetition	Repetition serve only with operation mode ON or CLOCK 0: activate one time only 1~600 : Repeatedly activate output for the set time for ON or for the duration set for CLOCK Unlimited: Continuously repeat the output operation set with ON or CLOCK

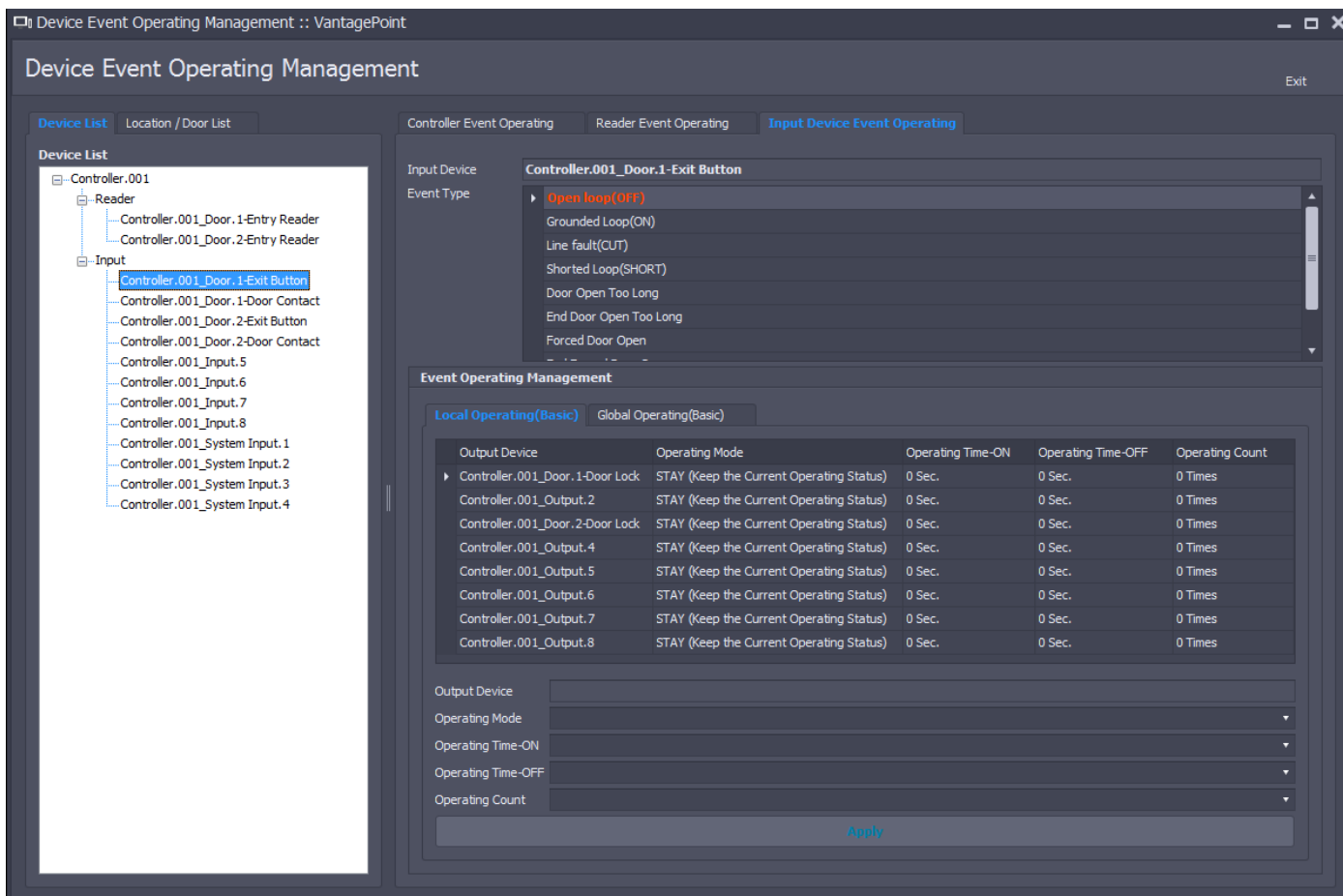
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Device Event Operating Management (Input Device Event Operating)

Vantage Point provides a menu to set operating mode for the events of controller, of reader and of input device.

1. Click output operating management button on the bottom of device list in the Device Management window.
2. Select input in the device list.
3. Select system event type
4. Select an output to set in the local operating (basic) set up, and enter setting value as needed.
5. Select an output to set in the local operating (Advanced) set up, and enter setting value as needed.
6. Click Apply.



Device Event Operating Management

Device List

- Controller.001
 - Reader
 - Controller.001_Door.1-Entry Reader
 - Controller.001_Door.2-Entry Reader
 - Input
 - Controller.001_Door.1-Exit Button
 - Controller.001_Door.1-Door Contact
 - Controller.001_Door.2-Exit Button
 - Controller.001_Door.2-Door Contact
 - Controller.001_Input.5
 - Controller.001_Input.6
 - Controller.001_Input.7
 - Controller.001_Input.8
 - Controller.001_System Input.1
 - Controller.001_System Input.2
 - Controller.001_System Input.3
 - Controller.001_System Input.4

Controller Event Operating | Reader Event Operating | **Input Device Event Operating**

Input Device: **Controller.001_Door.1-Exit Button**

Event Type:

- Open loop(OFF)
- Grounded Loop(ON)
- Line fault(CUT)
- Shorted Loop(SHORT)
- Door Open Too Long
- End Door Open Too Long
- Forced Door Open

Event Operating Management

Local Operating(Basic) | Global Operating(Basic)

Output Device	Operating Mode	Operating Time-ON	Operating Time-OFF	Operating Count
▶ Controller.001_Door.1-Door Lock	STAY (Keep the Current Operating Status)	0 Sec.	0 Sec.	0 Times
Controller.001_Output.2	STAY (Keep the Current Operating Status)	0 Sec.	0 Sec.	0 Times
Controller.001_Door.2-Door Lock	STAY (Keep the Current Operating Status)	0 Sec.	0 Sec.	0 Times
Controller.001_Output.4	STAY (Keep the Current Operating Status)	0 Sec.	0 Sec.	0 Times
Controller.001_Output.5	STAY (Keep the Current Operating Status)	0 Sec.	0 Sec.	0 Times
Controller.001_Output.6	STAY (Keep the Current Operating Status)	0 Sec.	0 Sec.	0 Times
Controller.001_Output.7	STAY (Keep the Current Operating Status)	0 Sec.	0 Sec.	0 Times
Controller.001_Output.8	STAY (Keep the Current Operating Status)	0 Sec.	0 Sec.	0 Times

Output Device: _____

Operating Mode: _____

Operating Time-ON: _____

Operating Time-OFF: _____

Operating Count: _____

Apply

Vantage Point Access Control Software

VantagePoint Application User Manual

Option	Description
Local Operating(Basic)	Output operation setting for each input status (ON/OFF/CUT/Short)
Local link Operating link (Advanced)	Output operation setting to follow input operating (while input device is on, output stay on and once input turns off, output follows turning off.)
Operating mode	ON: activate the output continuously OFF: deactivate the output CLOCK: activate the output for a determined duration periodically STAY: maintain the current status of the output
Time-ON	Time-ON serve only with operating mode ON or CLOCK. 0: no action 1~600 sec.: activate for the duration set unlimited: activate continuously
Time-OFF	Time-OFF serve only with operating mode CLOCK 0: no action 1~600sec.: activate for the duration set Unlimited: activate continuously
Repetition	Repetition serve only with operation mode ON or CLOCK 0: activate one time only 1~600 : Repeatedly activate output for the set time for ON or for the duration set for CLOCK Unlimited: Continuously repeat the output operation set with ON or CLOCK

Vantage Point Access Control Software

VantagePoint Application User Manual

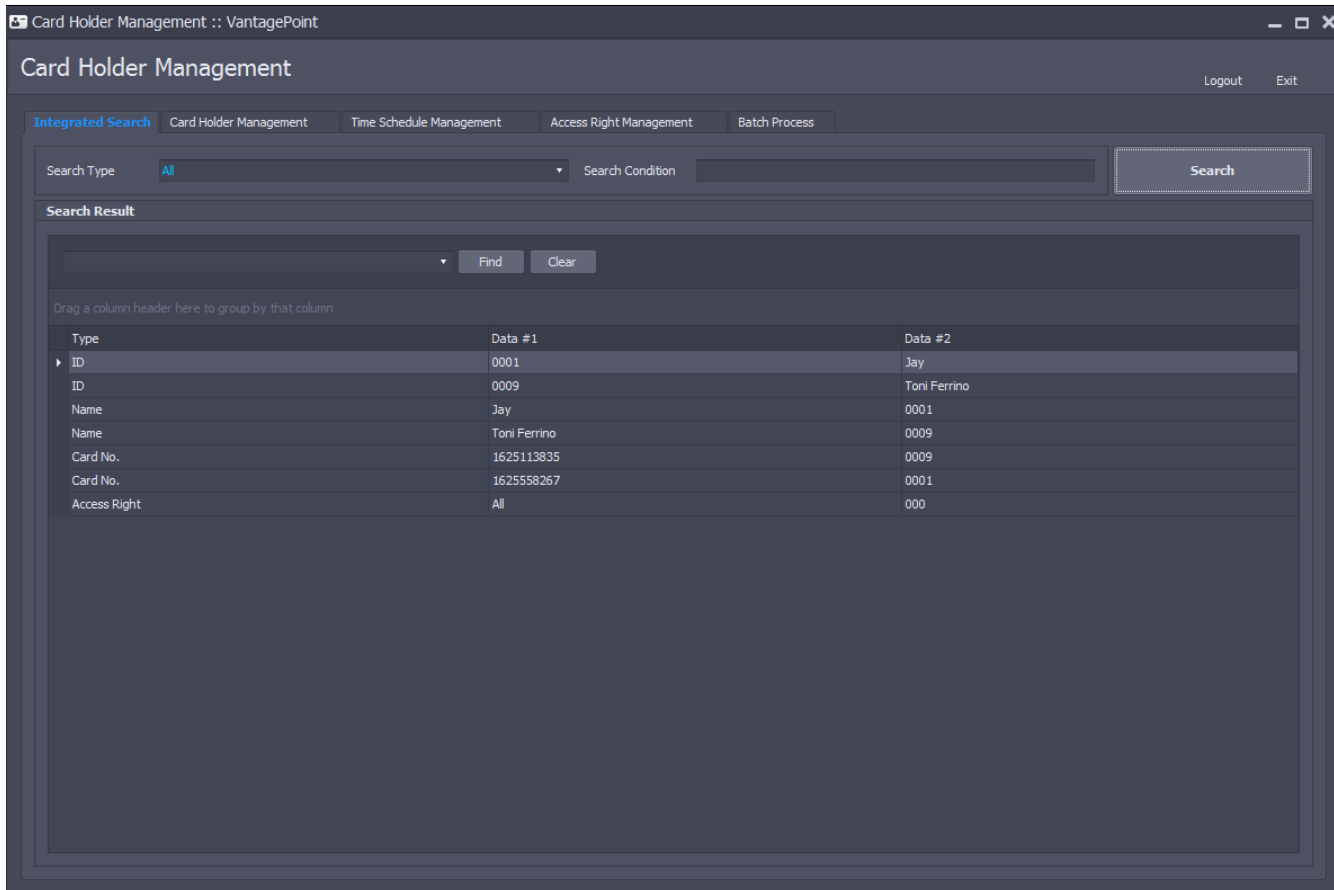
Ch.6 Card Holder Management

Vantage Point provides a menu to manage cardholders & cardholder data. Time schedule setting, access right and batch process.

Integrated Search

Integrated search provides quick and easy review for cardholder data, Time Schedule data, Access group data.

1. Set search type and condition.
2. Click Search.
3. Double clicking the searched data opens its management window.



The screenshot shows the 'Card Holder Management' application window. The title bar reads 'Card Holder Management :: VantagePoint'. The main window has a dark theme and contains several tabs: 'Integrated Search', 'Card Holder Management', 'Time Schedule Management', 'Access Right Management', and 'Batch Process'. The 'Integrated Search' tab is active, showing a search interface with a 'Search Type' dropdown set to 'All' and a 'Search Condition' input field. A 'Search' button is located to the right. Below the search fields is a 'Search Result' section with a table of results. The table has columns for 'Type', 'Data #1', and 'Data #2'. The results are as follows:

Type	Data #1	Data #2
ID	0001	Jay
ID	0009	Toni Ferrino
Name	Jay	0001
Name	Toni Ferrino	0009
Card No.	1625113835	0009
Card No.	1625558267	0001
Access Right	All	000

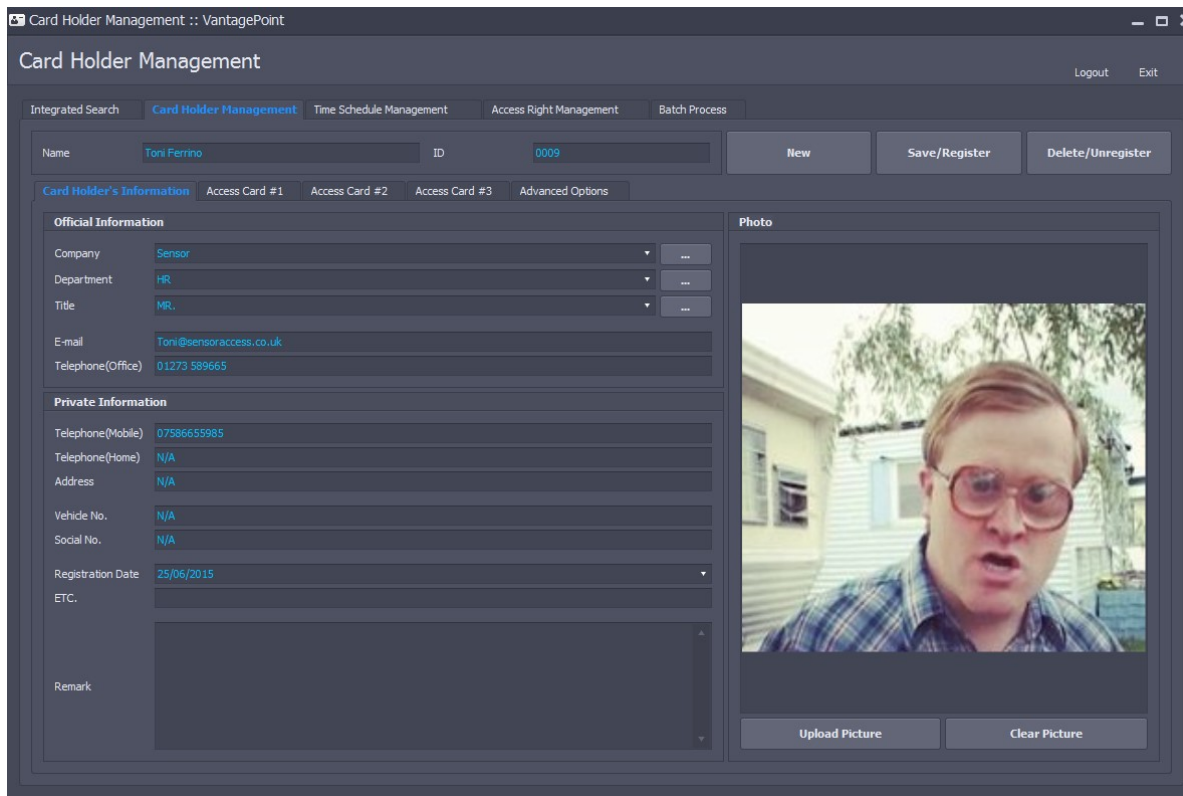
Vantage Point Access Control Software

VantagePoint Application User Manual

Card Holder Management

Vantage Point provides a menu to manage basic data of cardholder, access card and access right.

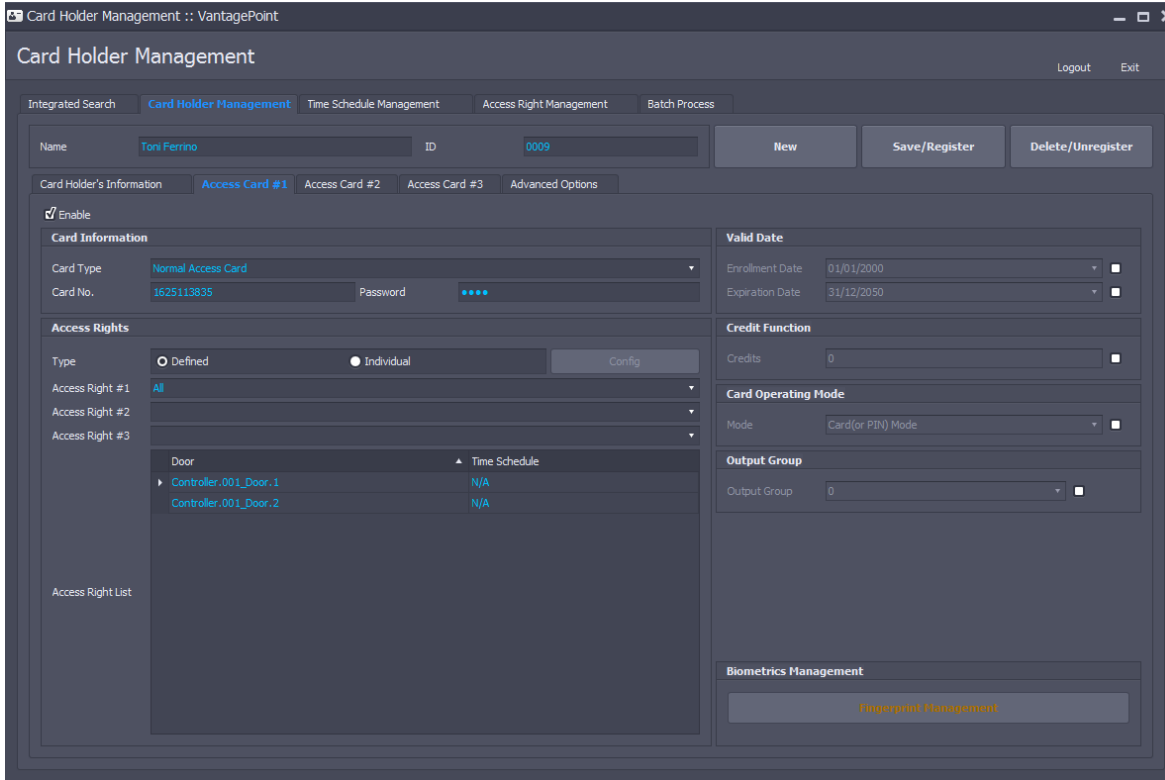
1. Click New to register new cardholder.
2. Enter name, ID and personal data of the card holder.
3. Upload picture of the cardholder if needed.



4. Move to the Access card #1 tab.
 5. To register multiple cards for one cardholder go to access card #2, #3.
 6. Enter basic info and set its functions.
 7. Set access right.
- Access right can be set one among #1~#3.

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Option	Description
Card Type	<p>You can set card type of cardholder.</p> <ul style="list-style-type: none"> . Normal Access: A cardholder having normal card. . Visitor: As a visitor type, if visitor level is higher than reader's visitor level, visitor can be allowed solely but if not, visitor has to enter with guide. . Arm: A person having this card can set alarm mode of reader. . Disarm: A person having this card can off alarm mode of reader. . Arm/Disarm: A person having this card can set/off alarm mode of reader. . Master: A person having this card is checked only whether the person is registered by controller and other control values (level, time schedule, Anti-passback etc.) are not processed. . Lost: A person having this card is operated as set lost output.
Card No.	Enter card number or PIN number assigned to card holder.
Password	Enter password of cardholder.
Access Right #1	Assign access right to cardholder.

Vantage Point Access Control Software

VantagePoint Application User Manual

Option	Description
Access Right #2	Assign access right to cardholder.
Access Right #2	Assign access right to cardholder.
Enrollment Date	Set start date of period when cardholder can use assigned access right within.
Expiration Date	Set end date of period when cardholder can use assigned access right within.
Credit	Give credit to cardholder.
Card Operating Mode	Set card operating mode of cardholder. To use this, operating mode level of cardholder must be higher than reader. Card(or PIN) Mode, Card(or PIN) and Password Mode

8. Move to advanced options.

9. Set level information.

10. Click save.

11. Click upload to upload controller.

Uploading operates when communication program (main program) is executed.

Vantage Point Access Control Software

VantagePoint Application User Manual

Type	Description
Access Level	<p>Set access level of cardholder.</p> <p>If access level of cardholder is higher than that of reader access is granted If access level of cardholder is equal or lower than that of reader access is not granted</p> <p>Batch controlling is available by grouping card holders as their levels. By changing reader or card holder's access level, you can rapidly and efficiently control card holder's access. If you make the access level of reader higher without revise card holder's information the card holders that are lower or equal than access level of reader are not allowed access E.G) Access level of reader1 is 3, access level of card holder A is 4 -> Access granted Access level of reader1 is changed to 4 or 5, access level of card holder A is 4 -> Access is disallowed</p>
Anti-Passback Level	<p>Set anti-passback availability level.</p> <p>If card holder's anti-passback level is higher than the reader's anti-passback level, the card holder is controlled by whether the card holder uses anti-passback. If the card holder's anti-passback level is equal or lower than the reader's anti-passback level, the card holder is controlled by whether reader uses anti-passback.</p> <p>Batch controlling is available by grouping card holders as their levels. By changing reader or card holder's anti-passback level, you can rapidly and efficiently control card holder's anti-passback usage.</p>
Arm/Disarm Level	<p>You can set arm/disarm level of reader.</p> <p>If a card holder's arm/disarm level is higher than that of reader, the card holder can set arm/disarm. If the card holder's arm/disarm level is equal or lower than that of reader, the card holder can't set alarm/disarm.</p> <p>Batch controlling is available by grouping card holders as their levels. By changing reader or card holder's arm/disarm level, you can rapidly and efficiently control card holders' arm/disarm usage.</p>
Card holder Level	<p>You can set card holder level (access right).</p> <p>If the visitor level of a card holder is higher than the visitor level of the reader, the visitor is allowed access. If visitor level of a card holder is equal or lower than visitor level of the reader the visitor has to enter with another card holder who is set as a guide. Also visitor level of the card holder who is set as a guide must be higher than that of reader. Batch controlling is available by grouping card holders as their levels. By changing reader's or visitor's visitor level, you can rapidly and efficiently control approvals of visitors.</p>

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Biometrics (Iris, Fingerprint) Enrollment and Management

12. Input Card Holder information and select Access Card #1 tab.
13. If using fingerprint select Fingerprint Management button.

Card Holder Management :: VantagePoint

Card Holder Management

Integrated Search **Card Holder Management** Time Schedule Management Access Right Management Batch Process

Name: Toni Ferrino ID: 0009 [New] [Save/Register] [Delete/Unregister]

Card Holder's Information **Access Card #1** Access Card #2 Access Card #3 Advanced Options

Enable

Card Information

Card Type: Normal Access Card
Card No.: 1625113835 Password: [masked]

Valid Date

Enrollment Date: 01/01/2000
Expiration Date: 31/12/2050

Access Rights

Type: Defined Individual [Config]

Access Right #1: All
Access Right #2: [dropdown]
Access Right #3: [dropdown]

Door	Time Schedule
Controller.001_Door.1	N/A
Controller.001_Door.2	N/A

Access Right List

Credit Function

Credits: 0

Card Operating Mode

Mode: Card(or PIN) Mode

Output Group

Output Group: 0

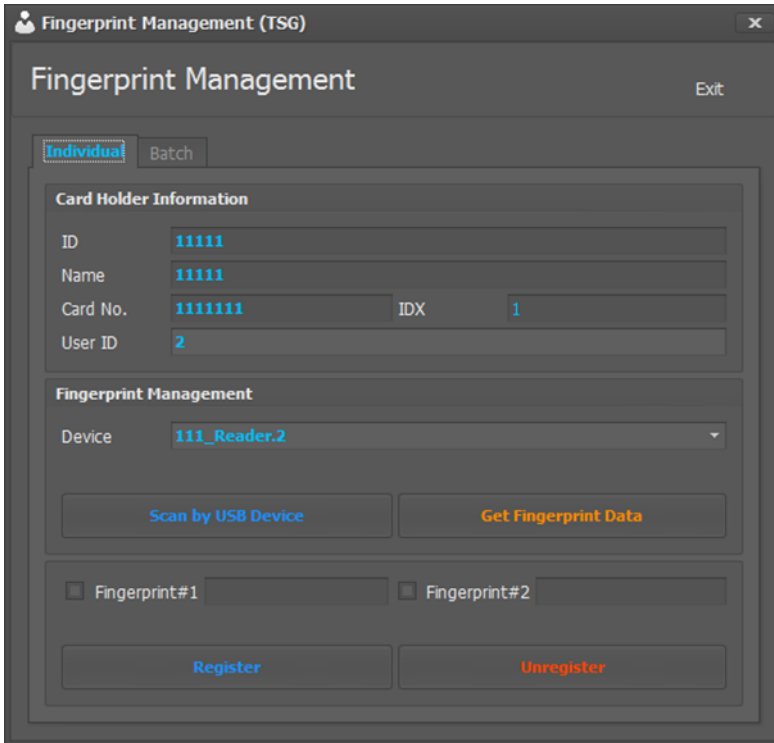
Biometrics Management

[Fingerprint Management]

14. If you use fingerprint USB scanner to enrol fingerprint click Scan By USB device button.
15. Once the fingerprint scan window comes up click Scan Fingerprint button to enrol fingerprint. In this case you can see fingerprint image.
16. Click Get Fingerprint Data to receive fingerprint data from device and store the data in database.
17. Click Register button to send fingerprint data to another devices.

Vantage Point Access Control Software

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Fingerprint Management (TSG)

Fingerprint Management Exit

Individual Batch

Card Holder Information

ID 11111

Name 11111

Card No. 1111111 IDX 1

User ID 2

Fingerprint Management

Device 111_Reader.2

Scan by USB Device Get Fingerprint Data

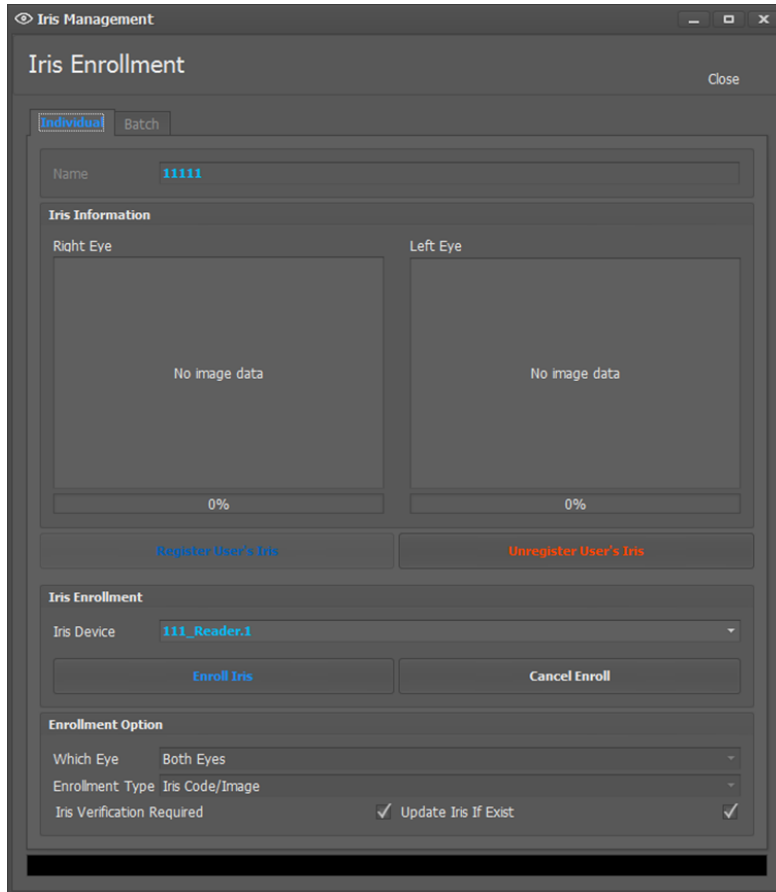
Fingerprint#1 Fingerprint#2

Register Unregister

18. In case of Iris device click Iris Management button
19. Select Iris Device for registration from Iris Device.
20. Click Enrol Iris to enrol Iris data. Once registration is done iris images will be displayed.
21. Click Register User's Iris button to send iris data to another iris devices.

Vantage Point Access Control Software

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The screenshot displays the 'Iris Management' application window, specifically the 'Iris Enrollment' sub-window. The window title is 'Iris Management' and the sub-window title is 'Iris Enrollment'. There are 'Close' and window control buttons in the top right corner. The interface is divided into several sections:


- Individual/ Batch:** Two tabs at the top, with 'Individual' selected.
- Name:** A text field containing '11111'.
- Iris Information:** Two side-by-side image capture areas for 'Right Eye' and 'Left Eye'. Both areas show 'No image data' and a progress bar at 0%.
- Buttons:** 'Register User's Iris' (blue) and 'Unregister User's Iris' (orange) buttons are located below the image capture areas.
- Iris Enrollment:** A section containing a dropdown menu for 'Iris Device' (set to '111_Reader.1') and two buttons: 'Enroll Iris' (blue) and 'Cancel Enroll' (grey).
- Enrollment Option:** A section with three rows of options:
 - 'Which Eye' dropdown set to 'Both Eyes'.
 - 'Enrollment Type' dropdown set to 'Iris Code/Image'.
 - 'Iris Verification Required' checkbox checked, and 'Update Iris If Exist' checkbox checked.

Vantage Point Access Control Software

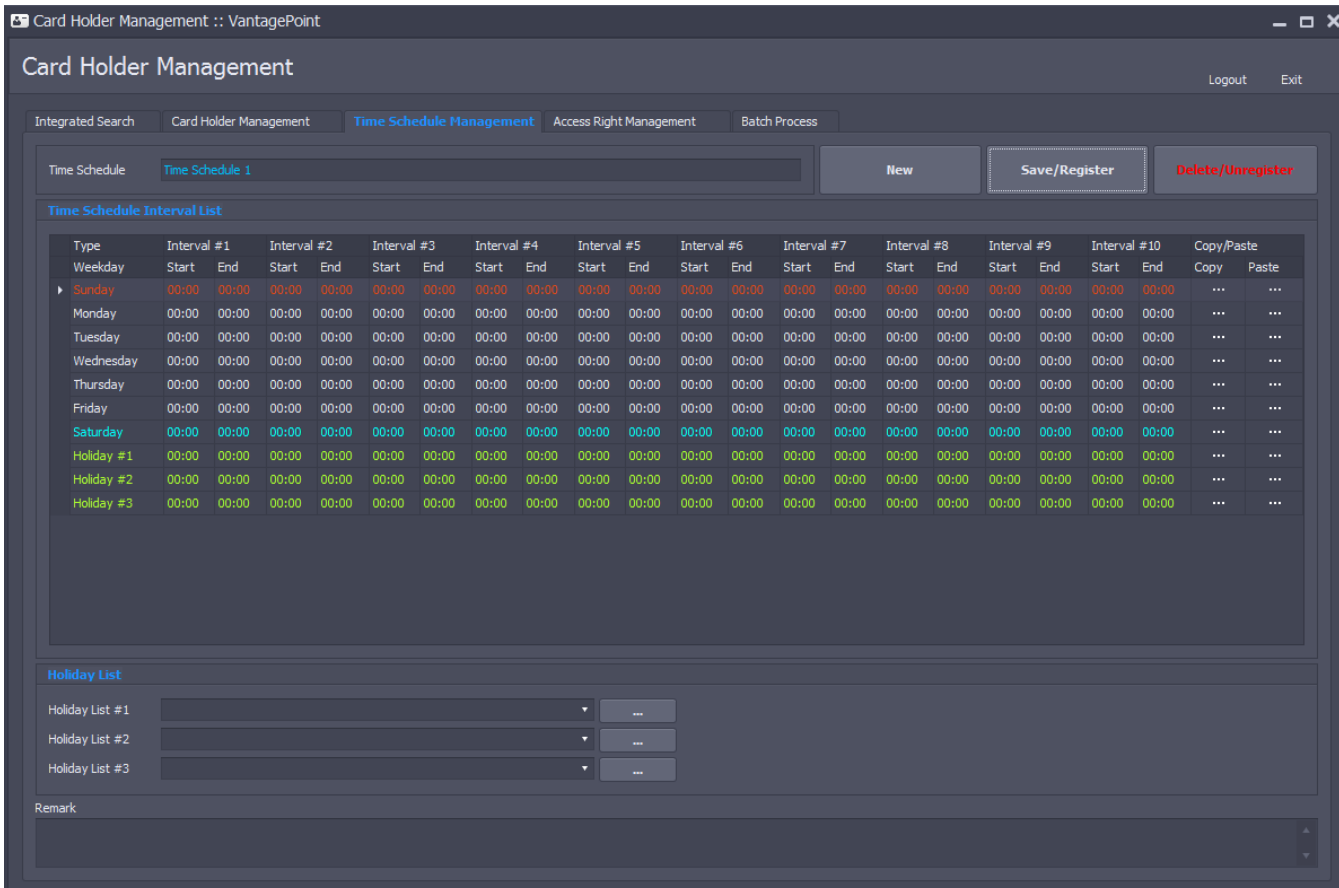
VantagePoint Application User Manual

Time Schedule Management

Vantage Point provides a menu to schedule validation of access for cardholders, operation of input and output by day.

1. Click new to add schedule.
2. Enter Time Schedule name.
3. Set schedule by day.
4. Use copy/paste button to recreate same schedule.
5. Click holiday to register one (To add holiday click  button on the right side..)
6. Click Save.
7. Click upload to send to controllers.

Uploading operates when communication program (main program) is executed.



The screenshot shows the 'Card Holder Management' window with the 'Time Schedule Management' tab selected. The interface includes a search bar, navigation buttons ('New', 'Save/Register', 'Delete/Unregister'), and a table for 'Time Schedule Interval List'.

Type	Interval #1		Interval #2		Interval #3		Interval #4		Interval #5		Interval #6		Interval #7		Interval #8		Interval #9		Interval #10		Copy/Paste		
	Start	End	Start	End	Start	End	Start	End	Start	End	Start	End	Start	End	Start	End	Start	End	Start	End	Copy	Paste	
Sunday	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	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	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	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	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	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	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	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	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	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	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	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	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	...	...
Holiday #1	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	...	...
Holiday #2	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	...	...
Holiday #3	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	...	...


Below the table, there is a 'Holiday List' section with three dropdown menus for 'Holiday List #1', 'Holiday List #2', and 'Holiday List #3', each with a '...' button. A 'Remark' field is also present at the bottom.

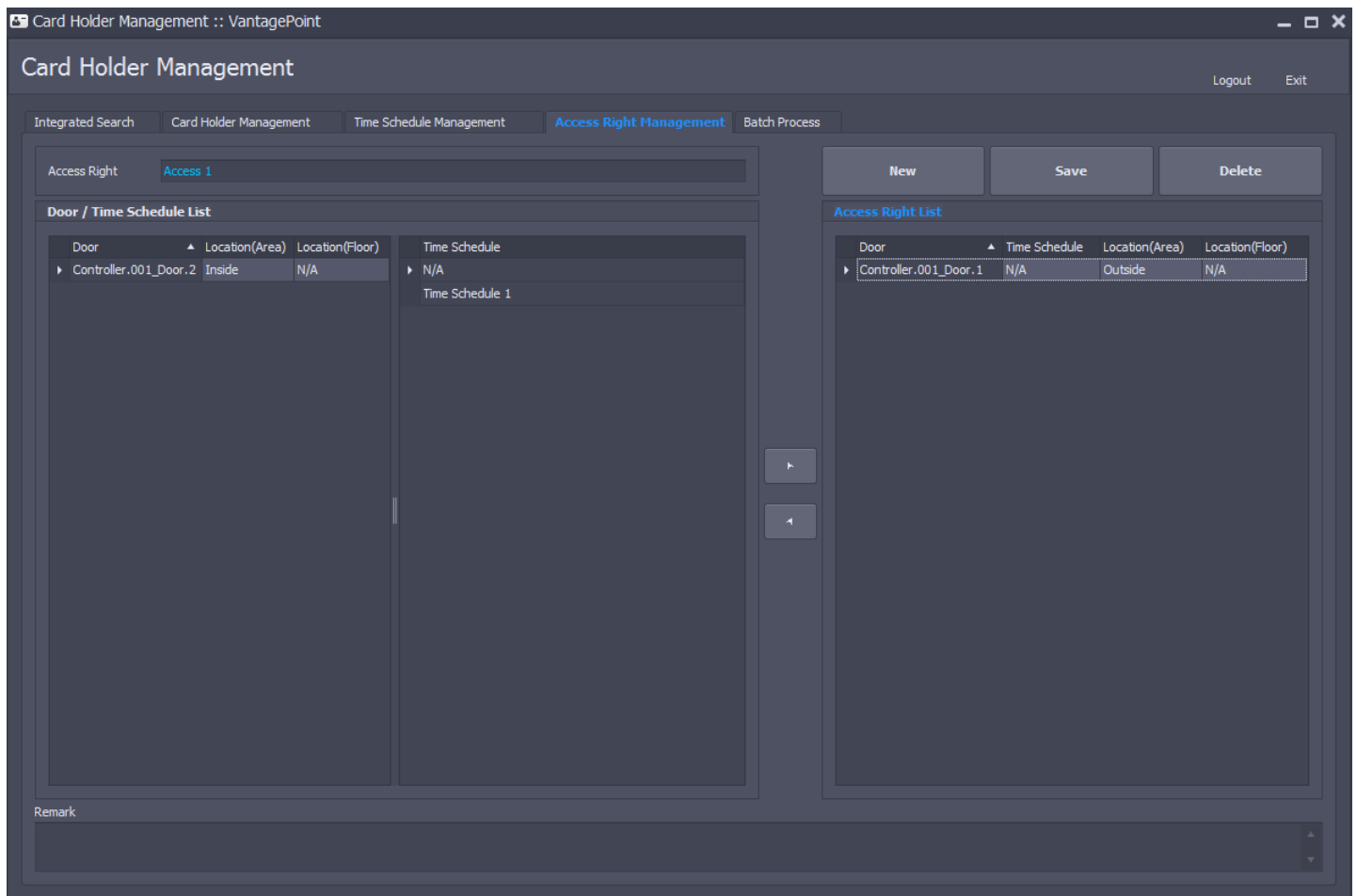
Vantage Point Access Control Software

VantagePoint Application User Manual

Access Right Management

Vantage Point provides a menu to register access right areas to access for card holders.

1. Click new.
2. Enter name of access right.
3. Select doors to access from door list.
4. Select Time Schedule to apply.
5. Double click on the door or click  button to register..
6. Click save button.



The screenshot shows the 'Card Holder Management' application window with the 'Access Right Management' tab selected. The interface includes a navigation bar with tabs for 'Integrated Search', 'Card Holder Management', 'Time Schedule Management', 'Access Right Management', and 'Batch Process'. Below the navigation bar, there are buttons for 'New', 'Save', and 'Delete'. The main area is divided into two panels: 'Door / Time Schedule List' on the left and 'Access Right List' on the right. The 'Door / Time Schedule List' panel contains a table with columns for Door, Location(Area), Location(Floor), and Time Schedule. The 'Access Right List' panel contains a table with columns for Door, Time Schedule, Location(Area), and Location(Floor). A 'Remark' field is located at the bottom of the interface.

Door	Location(Area)	Location(Floor)	Time Schedule
Controller.001_Door.2	Inside	N/A	N/A
			Time Schedule 1

Door	Time Schedule	Location(Area)	Location(Floor)
Controller.001_Door.1	N/A	Outside	N/A

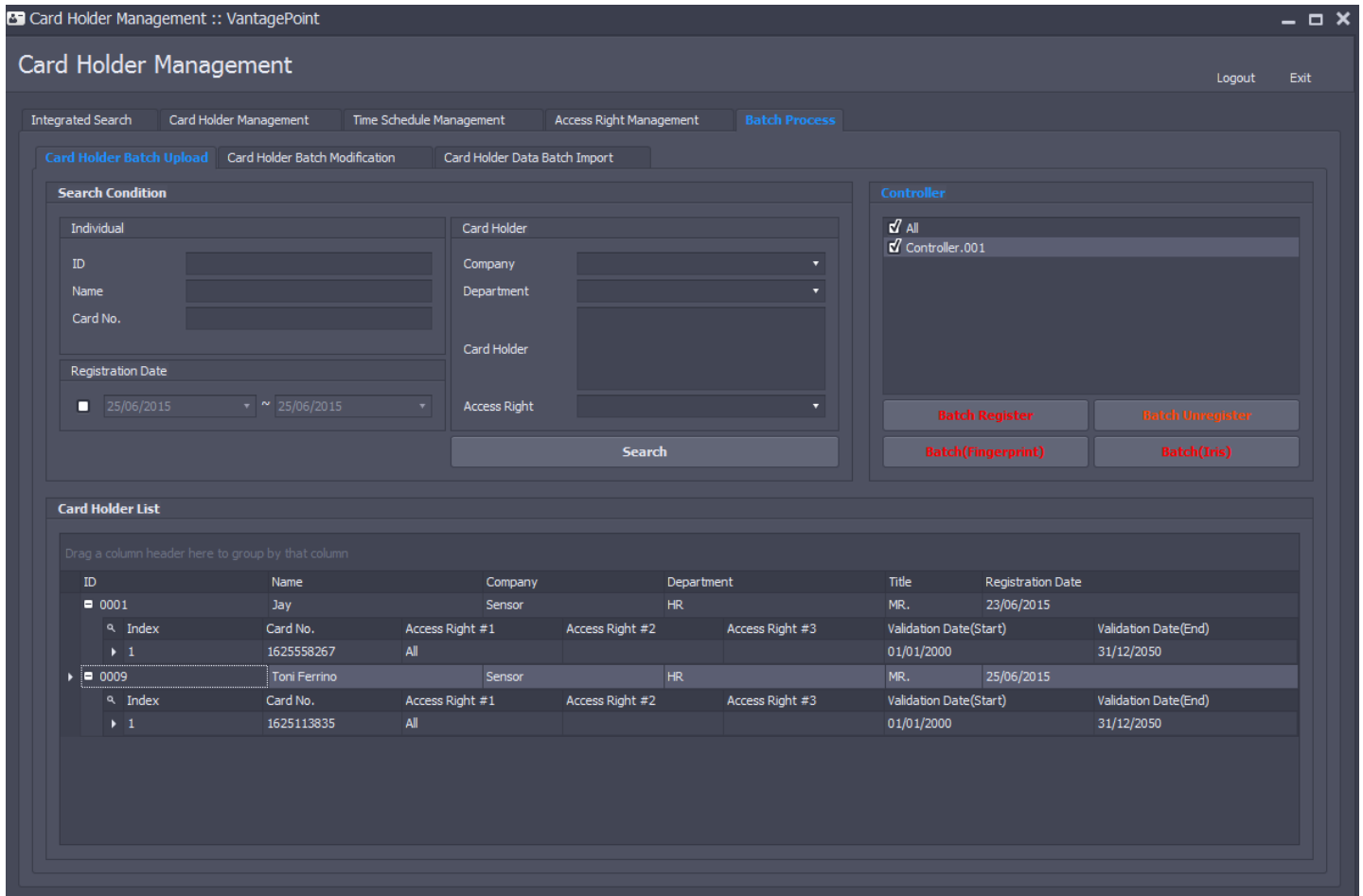
Vantage Point Access Control Software

VantagePoint Application User Manual

Batch Process (Card Holder Batch Upload)

Vantage Point provides a menu to search cardholder data with various conditions and to send to controllers in batches.

1. Enter search condition.
2. Click search.
3. Select controllers to send in controller list.
4. Click batch upload.



The screenshot shows the 'Card Holder Management' application window. The 'Batch Process' tab is active, with sub-tabs for 'Card Holder Batch Upload', 'Card Holder Batch Modification', and 'Card Holder Data Batch Import'. The 'Card Holder Batch Upload' sub-tab is selected.

Search Condition

Individual fields: ID, Name, Card No., Registration Date (25/06/2015).

Card Holder fields: Company, Department, Card Holder, Access Right.

Controller

Selected: All, Controller.001

Buttons: Batch Register, Batch Unregister, Batch(Fingerprint), Batch(Iris).

Card Holder List

Drag a column header here to group by that column

ID	Name	Company	Department	Title	Registration Date	
0001	Jay	Sensor	HR	MR.	23/06/2015	
Index	Card No.	Access Right #1	Access Right #2	Access Right #3	Validation Date(Start)	Validation Date(End)
1	1625558267	All			01/01/2000	31/12/2050
0009	Toni Ferrino	Sensor	HR	MR.	25/06/2015	
Index	Card No.	Access Right #1	Access Right #2	Access Right #3	Validation Date(Start)	Validation Date(End)
1	1625113835	All			01/01/2000	31/12/2050

Vantage Point Access Control Software

VantagePoint Application User Manual

Batch Process (Card Holder Batch Modification)

You can batch change cardholder information by variety conditional searching.

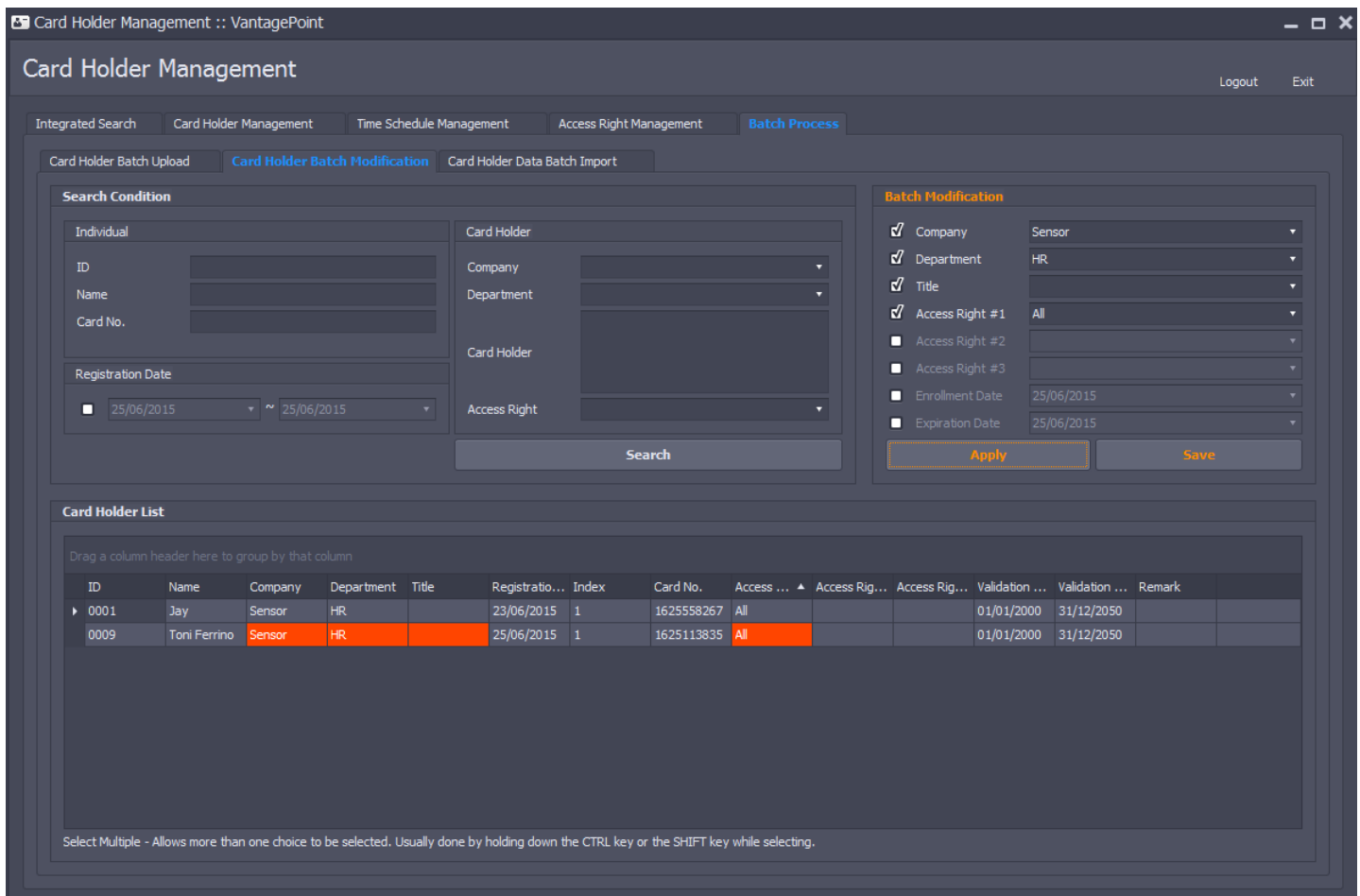
1. Insert conditions in search condition.
2. Click search. Select cardholder information in search results.

Multiple selection of cardholder information is available.

Pushing CTRL or SHIFT and selecting, you can select multiple cardholders

In the batch modification list, select information to modify and click apply. Background color of changed information is changed.

3. Click save to save changed information.



The screenshot shows the 'Card Holder Management' window with the 'Batch Process' tab selected. It includes search filters, a 'Batch Modification' panel with dropdowns for Company, Department, Title, and Access Rights, and a 'Card Holder List' table.

ID	Name	Company	Department	Title	Registratio...	Index	Card No.	Access ...	Access Rig...	Access Rig...	Validation ...	Validation ...	Remark
0001	Jay	Sensor	HR		23/06/2015	1	1625558267	All			01/01/2000	31/12/2050	
0009	Toni Ferrino	Sensor	HR		25/06/2015	1	1625113835	All			01/01/2000	31/12/2050	

Select Multiple - Allows more than one choice to be selected. Usually done by holding down the CTRL key or the SHIFT key while selecting.

Vantage Point Access Control Software

VantagePoint Application User Manual

Batch Process (Card Holder Data Batch Import)

You can import huge cardholder data that are stored in text or excel file to system.

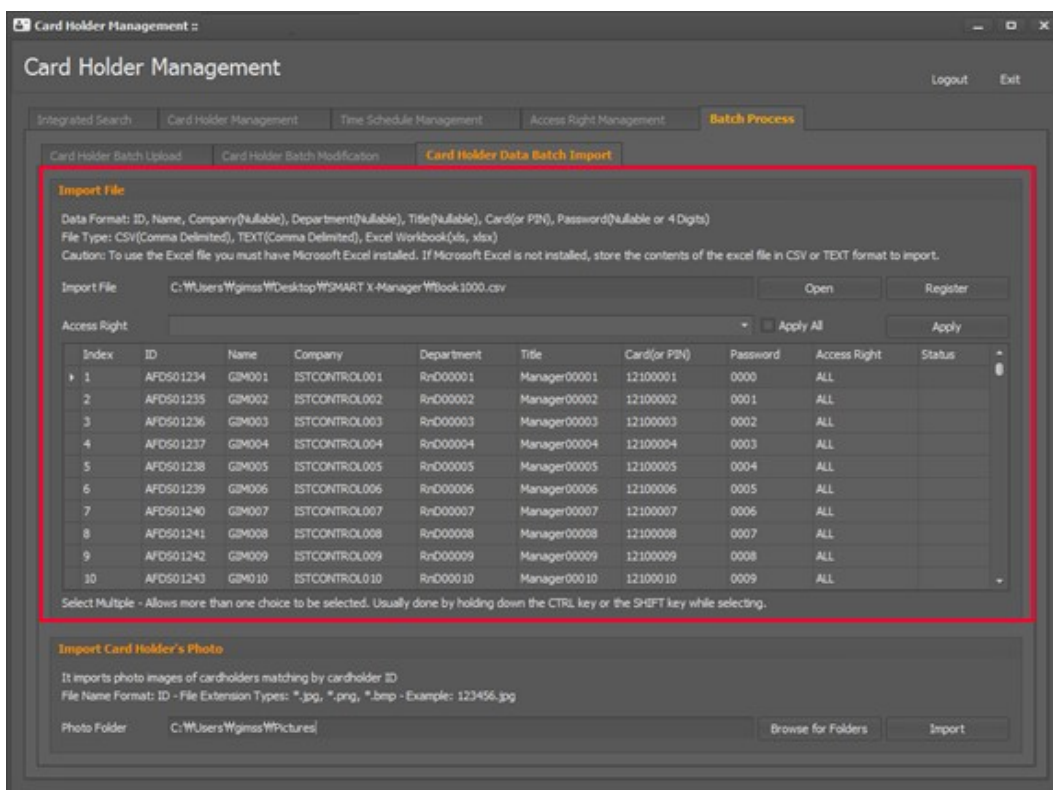
Caution: Import file must satisfy below conditions.

Data Format: ID, name, company(null available), department(null available), title(null available), card(or PIN), password(null available or four figure number)

File Type: CSV(Comma Delimited), TEXT(Comma Delimited), Excel Workbook(xls, xlsx)

If you use excel file, Microsoft Excel must be installed. If there is no Microsoft Excel, store data of Excel as CSV or TEXT to use.

1. Select file stored cardholder data.
2. Change imported data directly if you need to change.
3. Access right is basically set 'ALL' right. If you want to change, select cardholder and change access group.
4. Click register to save cardholder data.



Card Holder Management

Integrated Search | Card Holder Management | Time Schedule Management | Access Right Management | **Batch Process**

Card Holder Batch Upload | Card Holder Batch Modification | **Card Holder Data Batch Import**

Import File
 Data Format: ID, Name, Company(Nullable), Department(Nullable), Title(Nullable), Card(or PIN), Password(Nullable or 4 Digits)
 File Type: CSV(Comma Delimited), TEXT(Comma Delimited), Excel Workbook(xls, xlsx)
 Caution: To use the Excel file you must have Microsoft Excel installed. If Microsoft Excel is not installed, store the contents of the excel file in CSV or TEXT format to import.

Import File: C:\Users\Wgms\Desktop\WSMART X-Manager\WBook1000.csv [Open] [Register]

Access Right: [Apply All] [Apply]

Index	ID	Name	Company	Department	Title	Card(or PIN)	Password	Access Right	Status
1	AFDS01234	GM001	ISTCONTROL001	RxD00001	Manager0001	12100001	0000	ALL	
2	AFDS01235	GM002	ISTCONTROL002	RxD00002	Manager0002	12100002	0001	ALL	
3	AFDS01236	GM003	ISTCONTROL003	RxD00003	Manager0003	12100003	0002	ALL	
4	AFDS01237	GM004	ISTCONTROL004	RxD00004	Manager0004	12100004	0003	ALL	
5	AFDS01238	GM005	ISTCONTROL005	RxD00005	Manager0005	12100005	0004	ALL	
6	AFDS01239	GM006	ISTCONTROL006	RxD00006	Manager0006	12100006	0005	ALL	
7	AFDS01240	GM007	ISTCONTROL007	RxD00007	Manager0007	12100007	0006	ALL	
8	AFDS01241	GM008	ISTCONTROL008	RxD00008	Manager0008	12100008	0007	ALL	
9	AFDS01242	GM009	ISTCONTROL009	RxD00009	Manager0009	12100009	0008	ALL	
10	AFDS01243	GM010	ISTCONTROL010	RxD00010	Manager0010	12100010	0009	ALL	

Select Multiple - Allows more than one choice to be selected. Usually done by holding down the CTRL key or the SHIFT key while selecting.

Import Card Holder's Photo
 It imports photo images of cardholders matching by cardholder ID
 File Name Format: ID - File Extension Types: *.jpg, *.png, *.bmp - Example: 123456.jpg

Photo Folder: C:\Users\Wgms\Pictures [Browse for Folders] [Import]

Vantage Point Access Control Software

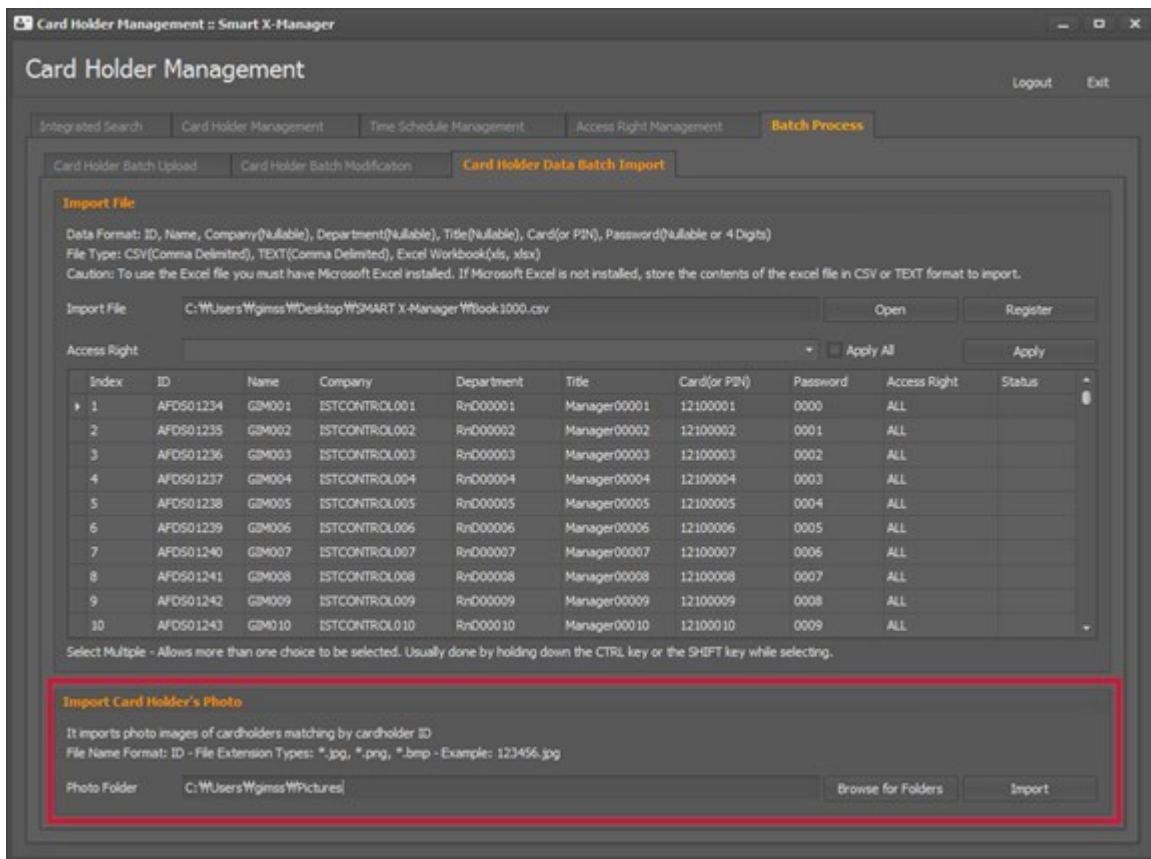
VantagePoint Application User Manual

Batch Process (Card Holder's Photo Batch Import)

You can import huge cardholder data that are stored in text or excel file to system.

It imports photo images of cardholders matching cardholder ID. P

Photo image file name must be ID.



The screenshot shows the 'Card Holder Management' window with the 'Batch Process' tab selected. The 'Import Card Holder's Photo' section is highlighted with a red box. It contains the following text:

Import Card Holder's Photo
 It imports photo images of cardholders matching by cardholder ID
 File Name Format: ID - File Extension Types: *.jpg, *.png, *.bmp - Example: 123456.jpg

The 'Photo Folder' field is set to 'C:\Users\Wgms\MyPictures' and there are 'Browse for Folders' and 'Import' buttons.

Below this section is a table with the following columns: Index, ID, Name, Company, Department, Title, Card(or PIN), Password, Access Right, Status.

Index	ID	Name	Company	Department	Title	Card(or PIN)	Password	Access Right	Status
1	AFDS01234	GM001	ISTCONTROL001	RnD00001	Manager00001	12100001	0000	ALL	
2	AFDS01235	GM002	ISTCONTROL002	RnD00002	Manager00002	12100002	0001	ALL	
3	AFDS01236	GM003	ISTCONTROL003	RnD00003	Manager00003	12100003	0002	ALL	
4	AFDS01237	GM004	ISTCONTROL004	RnD00004	Manager00004	12100004	0003	ALL	
5	AFDS01238	GM005	ISTCONTROL005	RnD00005	Manager00005	12100005	0004	ALL	
6	AFDS01239	GM006	ISTCONTROL006	RnD00006	Manager00006	12100006	0005	ALL	
7	AFDS01240	GM007	ISTCONTROL007	RnD00007	Manager00007	12100007	0006	ALL	
8	AFDS01241	GM008	ISTCONTROL008	RnD00008	Manager00008	12100008	0007	ALL	
9	AFDS01242	GM009	ISTCONTROL009	RnD00009	Manager00009	12100009	0008	ALL	
10	AFDS01243	GM010	ISTCONTROL010	RnD00010	Manager00010	12100010	0009	ALL	

Vantage Point Access Control Software

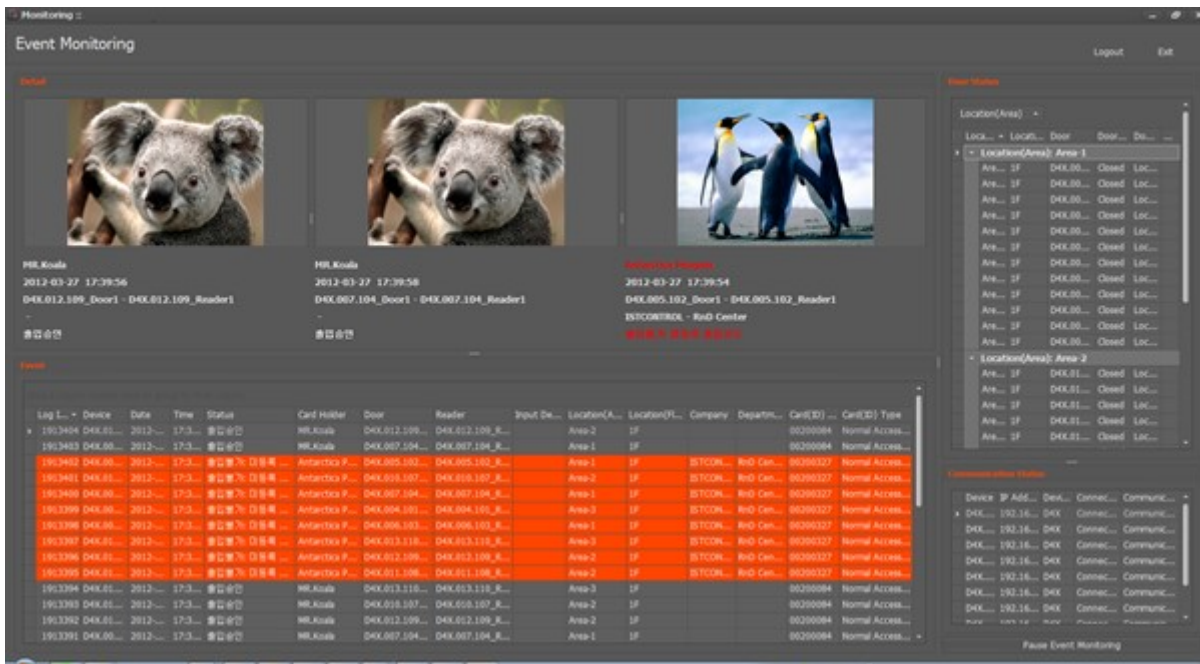
VantagePoint Application User Manual

Ch.7 View

It is window to monitor access event, input/output status and communication status.

Event monitoring

It shows access event with picture in real time, door status and communication status.



Log ID	Device	Date	Time	Status	Card Holder	Door	Reader	Input De...	Location(A...	Location(P...	Company	Departm...	Card(ID) ...	Card(ID) Type
1903404	D4X.01...	2012-...	17:3...	출입성공	HR.Koala	D4X.012.109...	D4X.012.109_R...		Area-2	1F			00200084	Normal Access...
1903403	D4X.00...	2012-...	17:3...	출입성공	HR.Koala	D4X.007.104...	D4X.007.104_R...		Area-1	1F			00200084	Normal Access...
1903402	D4X.00...	2012-...	17:3...	출입성공	Antarctica P...	D4X.005.102...	D4X.005.102_R...		Area-1	1F	STCOON	Ant Center	00200027	Normal Access...
1903401	D4X.01...	2012-...	17:3...	출입성공	Antarctica P...	D4X.010.107...	D4X.010.107_R...		Area-2	1F	STCOON	Ant Center	00200027	Normal Access...
1903399	D4X.00...	2012-...	17:3...	출입성공	Antarctica P...	D4X.007.104...	D4X.007.104_R...		Area-1	1F	STCOON	Ant Center	00200027	Normal Access...
1903398	D4X.00...	2012-...	17:3...	출입성공	Antarctica P...	D4X.004.101...	D4X.004.101_R...		Area-3	1F	STCOON	Ant Center	00200027	Normal Access...
1903396	D4X.00...	2012-...	17:3...	출입성공	Antarctica P...	D4X.006.103...	D4X.006.103_R...		Area-1	1F	STCOON	Ant Center	00200027	Normal Access...
1903397	D4X.01...	2012-...	17:3...	출입성공	Antarctica P...	D4X.013.110...	D4X.013.110_R...		Area-3	1F	STCOON	Ant Center	00200027	Normal Access...
1903396	D4X.01...	2012-...	17:3...	출입성공	Antarctica P...	D4X.012.109...	D4X.012.109_R...		Area-2	1F	STCOON	Ant Center	00200027	Normal Access...
1903395	D4X.01...	2012-...	17:3...	출입성공	Antarctica P...	D4X.011.108...	D4X.011.108_R...		Area-2	1F	STCOON	Ant Center	00200027	Normal Access...
1903394	D4X.01...	2012-...	17:3...	출입성공	HR.Koala	D4X.013.110...	D4X.013.110_R...		Area-3	1F			00200084	Normal Access...
1903393	D4X.01...	2012-...	17:3...	출입성공	HR.Koala	D4X.010.107...	D4X.010.107_R...		Area-2	1F			00200084	Normal Access...
1903392	D4X.01...	2012-...	17:3...	출입성공	HR.Koala	D4X.012.109...	D4X.012.109_R...		Area-2	1F			00200084	Normal Access...
1903391	D4X.00...	2012-...	17:3...	출입성공	HR.Koala	D4X.007.104...	D4X.007.104_R...		Area-1	1F			00200084	Normal Access...

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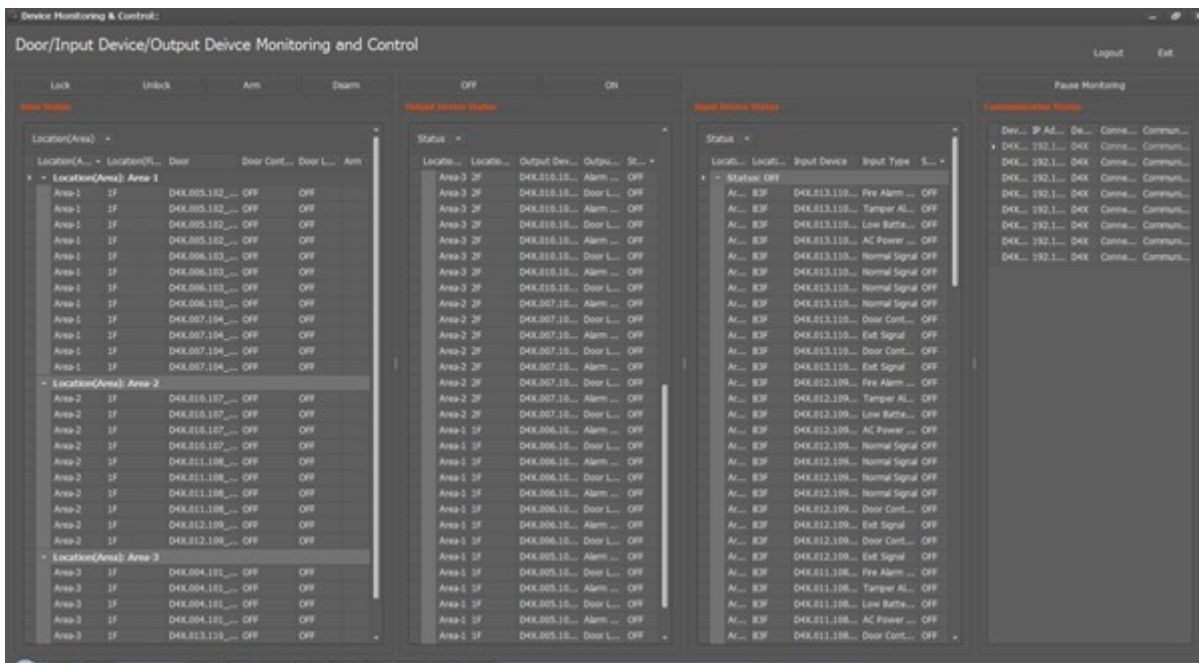
Door / Input / Output Device Monitoring and Control

It provide menu to monitor and control status of access, reader, output device.

In case of door, you can lock or unlock the door lock with lock /unlock button. In case of reader, with arm disarm button, you can arm or disarm.

In case of output devices, with on/off buttons, you can activate or deactivate them.

Also it shows input status (on/off/short/cut) and communication status in real time.



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Ch.8 Report

Vantage Point provides a menu to create report of cardholder data, access event and access right by cardholder or by door.

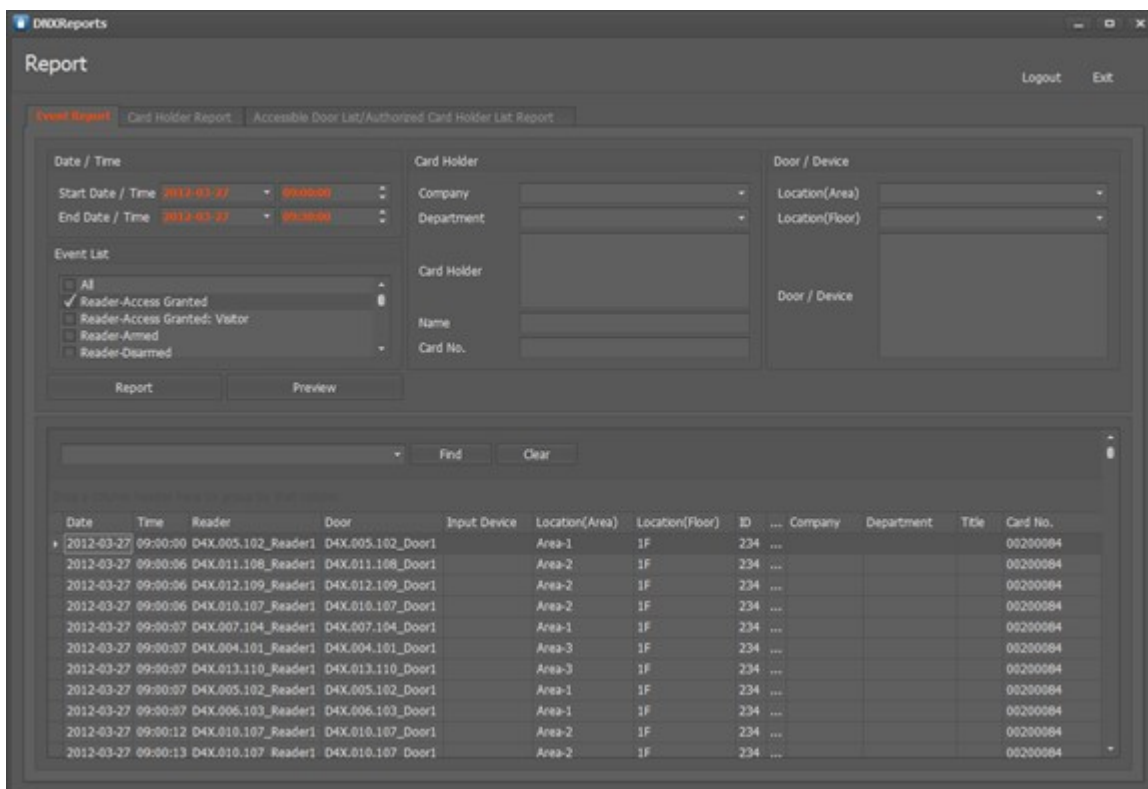
Access Event Report

You can search events and create report by time, event type, area and cardholder data.

1. Enter conditions.
2. Click search.
3. It shows the result on the bottom side.

Columns of search results can be moved or hidid. And columns can be displayed in groups.

You can see associated menus by clicking with the right mouse button in a column.



Date	Time	Reader	Door	Input Device	Location(Area)	Location(Floor)	ID	Company	Department	Title	Card No.
2012-03-27	09:00:00	D4X.005.102_Reader1	D4X.005.102_Door1		Area-1	1F	234 ...				00200084
2012-03-27	09:00:06	D4X.011.108_Reader1	D4X.011.108_Door1		Area-2	1F	234 ...				00200084
2012-03-27	09:00:06	D4X.012.109_Reader1	D4X.012.109_Door1		Area-2	1F	234 ...				00200084
2012-03-27	09:00:06	D4X.010.107_Reader1	D4X.010.107_Door1		Area-2	1F	234 ...				00200084
2012-03-27	09:00:07	D4X.007.104_Reader1	D4X.007.104_Door1		Area-1	1F	234 ...				00200084
2012-03-27	09:00:07	D4X.004.101_Reader1	D4X.004.101_Door1		Area-3	1F	234 ...				00200084
2012-03-27	09:00:07	D4X.013.110_Reader1	D4X.013.110_Door1		Area-3	1F	234 ...				00200084
2012-03-27	09:00:07	D4X.005.102_Reader1	D4X.005.102_Door1		Area-1	1F	234 ...				00200084
2012-03-27	09:00:07	D4X.006.103_Reader1	D4X.006.103_Door1		Area-1	1F	234 ...				00200084
2012-03-27	09:00:12	D4X.010.107_Reader1	D4X.010.107_Door1		Area-2	1F	234 ...				00200084
2012-03-27	09:00:13	D4X.010.107_Reader1	D4X.010.107_Door1		Area-2	1F	234 ...				00200084

4. Click pre-view. Pre-view is shown as like columns in search results.

5. Click print.

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Print Preview

Document Print Page Setup Navigation Zoom Page B...

Open Quick Print Options Parameters Header/Footer Scale Orientation Size Find Bookmarks First Page Next Page Last Page Previous Page Many Pages Zoom Out Zoom In Export

Event Report

Date	Time	Reader	Door	Input Device	Location(Area)	Location(Floor)	ID	Iam	Company	Department	Title	Card No.
2012-03-27	09:00:00	D4X.005.102_Reader1	D4X.005.102_Door1		Area-1	1F	234	co				00200084
2012-03-27	09:00:06	D4X.011.108_Reader1	D4X.011.108_Door1		Area-2	1F	234	co				00200084
2012-03-27	09:00:06	D4X.012.109_Reader1	D4X.012.109_Door1		Area-2	1F	234	co				00200084
2012-03-27	09:00:06	D4X.010.107_Reader1	D4X.010.107_Door1		Area-2	1F	234	co				00200084
2012-03-27	09:00:07	D4X.007.104_Reader1	D4X.007.104_Door1		Area-1	1F	234	co				00200084
2012-03-27	09:00:07	D4X.004.101_Reader1	D4X.004.101_Door1		Area-3	1F	234	co				00200084
2012-03-27	09:00:07	D4X.013.110_Reader1	D4X.013.110_Door1		Area-3	1F	234	co				00200084
2012-03-27	09:00:07	D4X.005.102_Reader1	D4X.005.102_Door1		Area-1	1F	234	co				00200084
2012-03-27	09:00:07	D4X.006.103_Reader1	D4X.006.103_Door1		Area-1	1F	234	co				00200084
2012-03-27	09:00:12	D4X.010.107_Reader1	D4X.010.107_Door1		Area-2	1F	234	co				00200084
2012-03-27	09:00:13	D4X.010.107_Reader1	D4X.010.107_Door1		Area-2	1F	234	co				00200084
2012-03-27	09:00:13	D4X.013.110_Reader1	D4X.013.110_Door1		Area-3	1F	234	co				00200084
2012-03-27	09:00:13	D4X.004.101_Reader1	D4X.004.101_Door1		Area-3	1F	234	co				00200084
2012-03-27	09:00:13	D4X.011.108_Reader1	D4X.011.108_Door1		Area-2	1F	234	co				00200084
2012-03-27	09:00:13	D4X.011.108_Reader1	D4X.011.108_Door1		Area-2	1F	234	co				00200084
2012-03-27	09:00:13	D4X.012.109_Reader1	D4X.012.109_Door1		Area-2	1F	234	co				00200084
2012-03-27	09:00:13	D4X.007.104_Reader1	D4X.007.104_Door1		Area-1	1F	234	co				00200084
2012-03-27	09:00:13	D4X.006.103_Reader1	D4X.006.103_Door1		Area-1	1F	234	co				00200084
2012-03-27	09:00:14	D4X.006.103_Reader1	D4X.006.103_Door1		Area-1	1F	234	co				00200084
2012-03-27	09:00:14	D4X.007.104_Reader1	D4X.007.104_Door1		Area-1	1F	234	co				00200084
2012-03-27	09:00:14	D4X.012.109_Reader1	D4X.012.109_Door1		Area-2	1F	234	co				00200084
2012-03-27	09:00:14	D4X.005.102_Reader1	D4X.005.102_Door1		Area-1	1F	234	co				00200084

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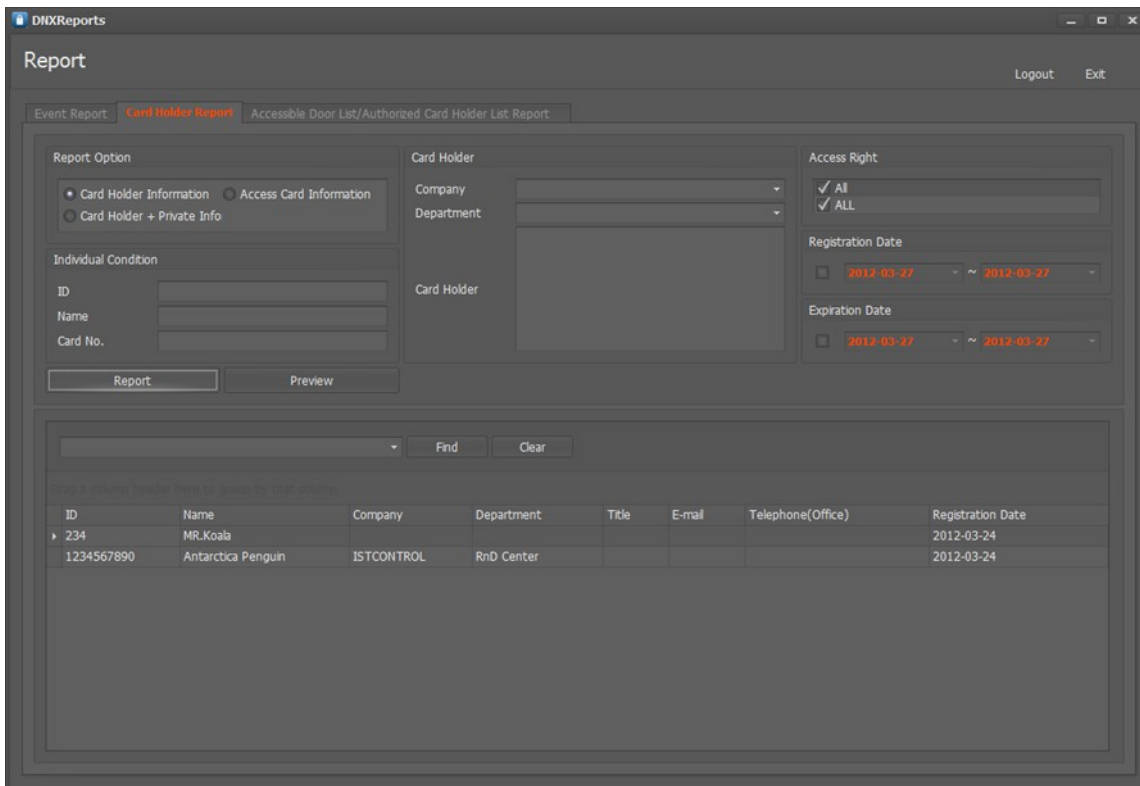
Card Holder Report

Vantage Point provides a menu to search cardholder data and to create its report.

1. Enter conditions to search.
2. Click search.
3. It shows the result on the bottom side.
4. Click pre-view and click print.

Columns of search results can be moved or hided. And columns can be displayed in groups.

You can see associated menus by clicking with the right mouse button in a column.



The screenshot shows the 'Report' window in the Vantage Point software. The window title is 'DIXReports' and the main title is 'Report'. There are 'Logout' and 'Exit' buttons in the top right corner. The interface is divided into several sections:

- Event Report:** Includes 'Card Holder Report' (selected), 'Accessible Door List/Authorized Card Holder List Report', and 'Report'.
- Report Option:** Contains radio buttons for 'Card Holder Information' (selected), 'Access Card Information', and 'Card Holder + Private Info'.
- Individual Condition:** Includes input fields for 'ID', 'Name', and 'Card No.', with 'Report' and 'Preview' buttons below.
- Card Holder:** Includes dropdown menus for 'Company' and 'Department', and a 'Card Holder' search field.
- Access Right:** Includes checkboxes for 'All' and 'ALL', and date pickers for 'Registration Date' and 'Expiration Date'.

Below the search options is a search bar with 'Find' and 'Clear' buttons. The results are displayed in a table with the following data:

ID	Name	Company	Department	Title	E-mail	Telephone(Office)	Registration Date
234	MR.Koala						2012-03-24
1234567890	Antarctica Penguin	ISTCONTROL	RnD Center				2012-03-24

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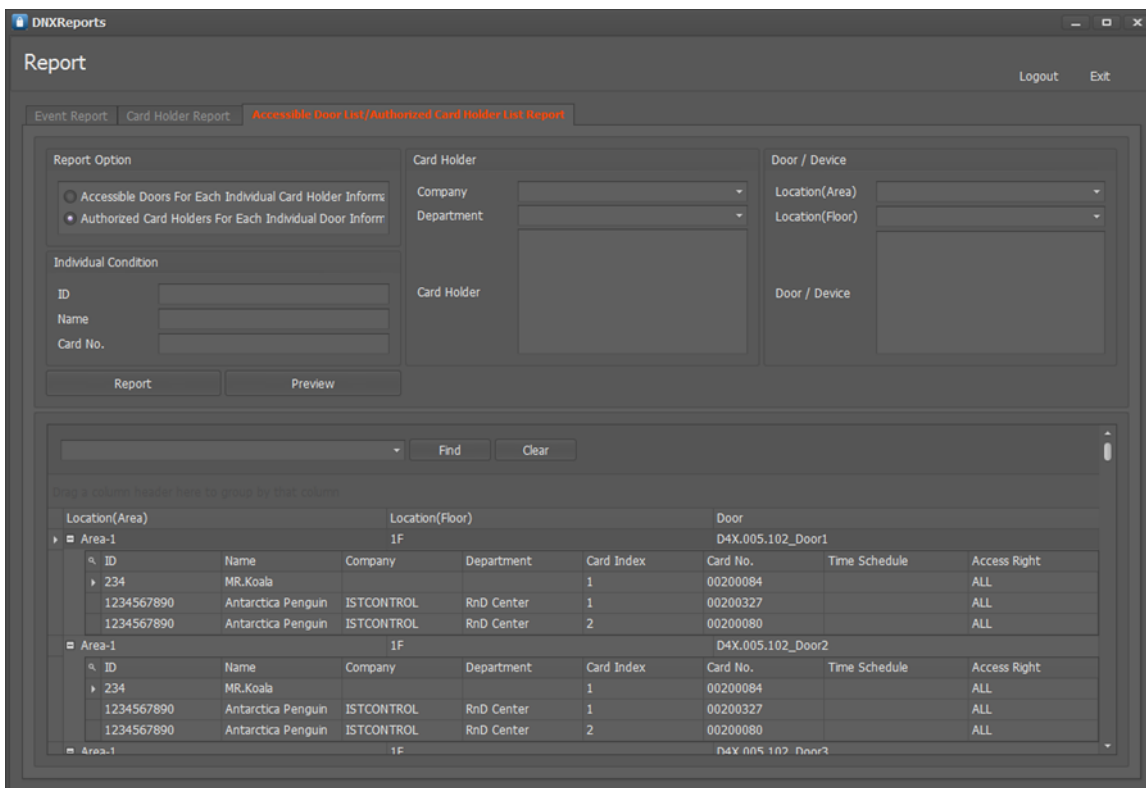
Access Right Report

Vantage Point provides a menu to search and to create report of access right by cardholder or by door.

1. Enter conditions to search.
2. Click search.
3. It shows the result on the bottom side.
4. Click pre-view and click print.

Columns of search results can be moved or hided. And columns can be displayed in groups.

You can see associated menus by clicking with the right mouse button in a column.



The screenshot shows the 'Report' window in the Vantage Point software. The window title is 'DIXReports' and it has 'Report' as the main title. There are 'Logout' and 'Exit' buttons in the top right corner. The window contains several sections:

- Event Report:** A tabbed interface with three tabs: 'Event Report', 'Card Holder Report', and 'Accessible Door List/Authorized Card Holder List Report'. The third tab is selected.
- Report Option:** A section with two radio buttons: 'Accessible Doors For Each Individual Card Holder Inform' (unselected) and 'Authorized Card Holders For Each Individual Door Inform' (selected).
- Individual Condition:** A section with input fields for 'ID', 'Name', and 'Card No.', and 'Report' and 'Preview' buttons below them.
- Card Holder:** A section with dropdown menus for 'Company' and 'Department', and an input field for 'Card Holder'.
- Door / Device:** A section with dropdown menus for 'Location(Area)', 'Location(Floor)', and 'Door / Device'.
- Search:** A search bar with 'Find' and 'Clear' buttons.
- Results:** A table of search results grouped by location and door. The table has columns: ID, Name, Company, Department, Card Index, Card No., Time Schedule, and Access Right.

Location(Area)	Location(Floor)	Door	ID	Name	Company	Department	Card Index	Card No.	Time Schedule	Access Right
Area-1	1F	D4X.005.102_Door1	234	MR.Koala			1	00200084		ALL
			1234567890	Antarctica Penguin	ISTCONTROL	RnD Center	1	00200327		ALL
			1234567890	Antarctica Penguin	ISTCONTROL	RnD Center	2	00200080		ALL
Area-1	1F	D4X.005.102_Door2	234	MR.Koala			1	00200084		ALL
			1234567890	Antarctica Penguin	ISTCONTROL	RnD Center	1	00200327		ALL
			1234567890	Antarctica Penguin	ISTCONTROL	RnD Center	2	00200080		ALL
Area-1	1F	D4X.005.102_Door3								

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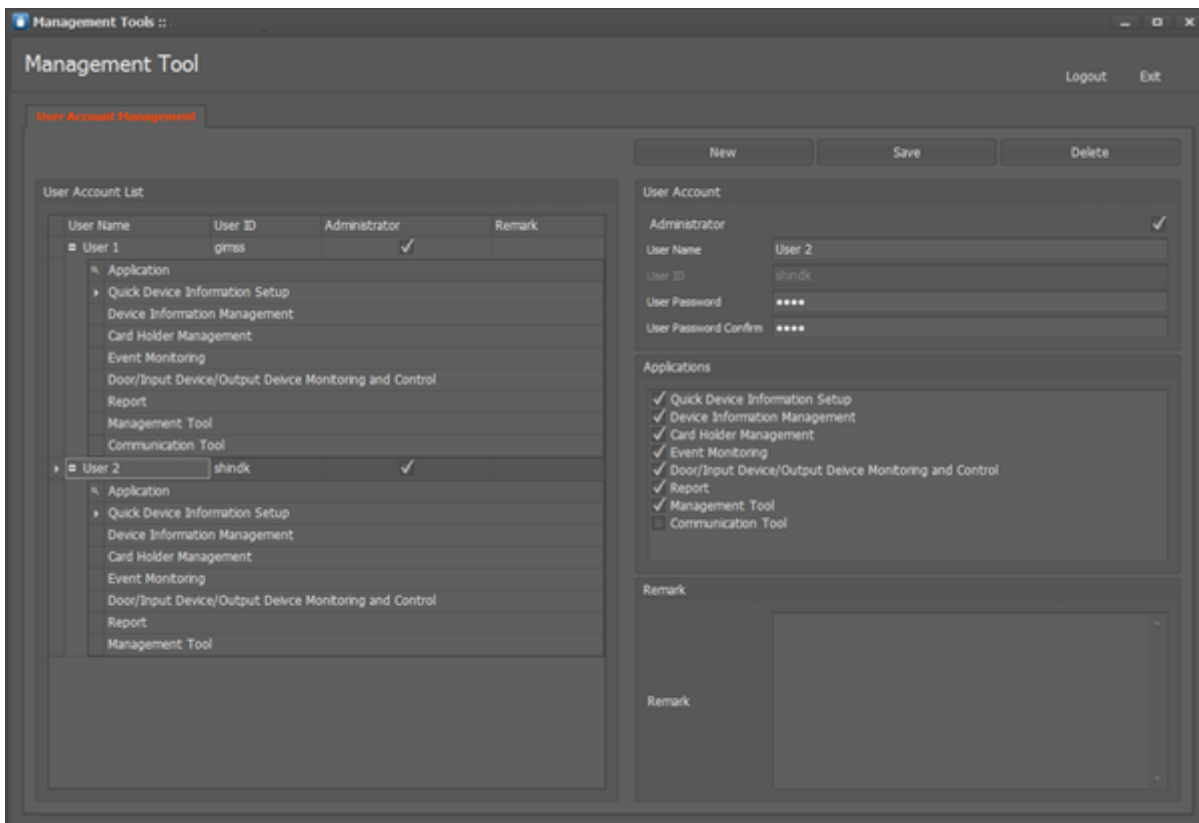
Ch.9 Management Tool

Vantage Point provides a menu to register user accounts to manage the system

User Account Management

User account management window provides menu to set log in account and permissions for each functions.

1. Click new to create a user account.
2. Check administrator box to give right to create/modify/delete an account)
3. Enter name of the user.
4. Enter ID. This ID will be the program log-in ID.
5. Enter password.
6. Enter password one more time.
7. Check on the box in application part to give permission for each function.
8. Click save button.



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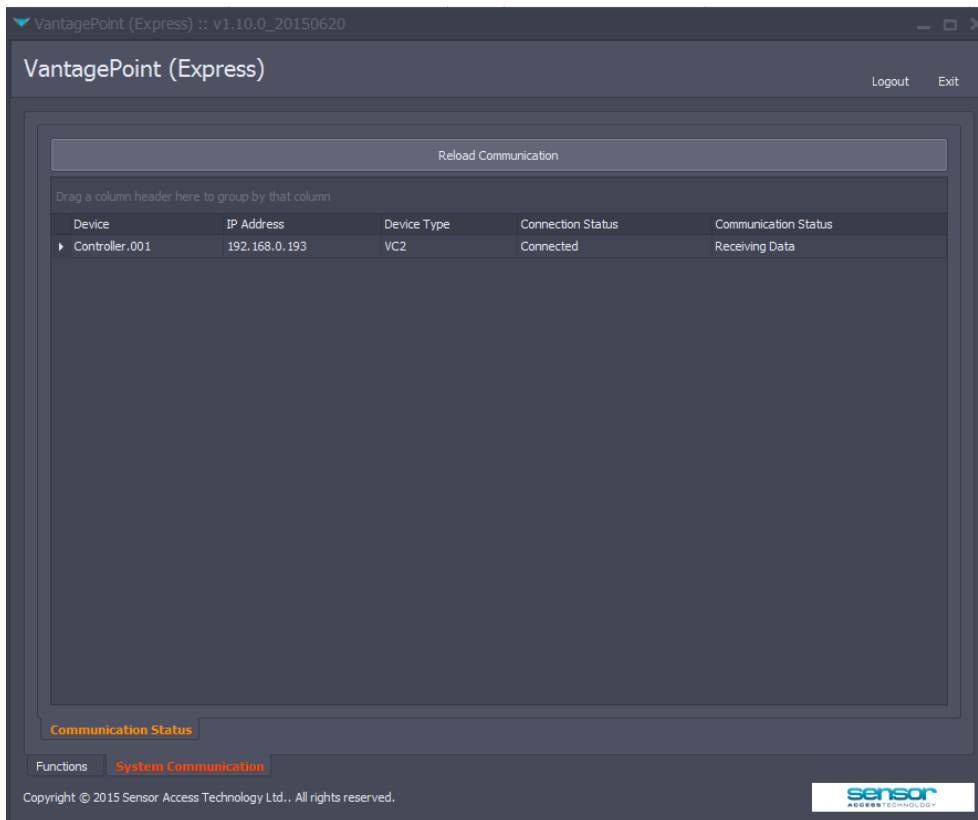
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Ch.10 Communication

It shows communication status and its logs.

Communication Status

Shows controller status of connection, communication and operation.



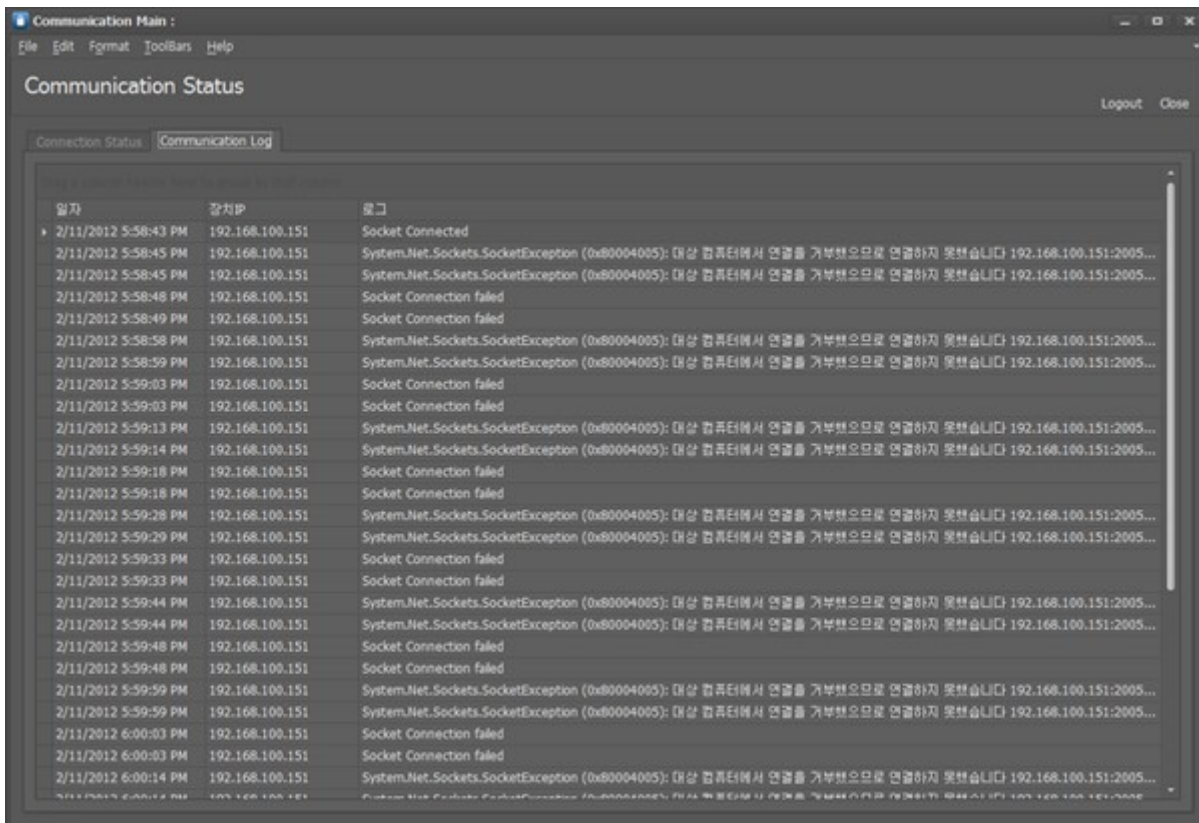
	Description
Connection Status	If the controller is connected by socket with communication program.
Communication Status	If the controller is actually sending and receiving data with communication program.

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Communication Log

Used for recording and showing communication module status log.



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Ch.11 Graphic Map

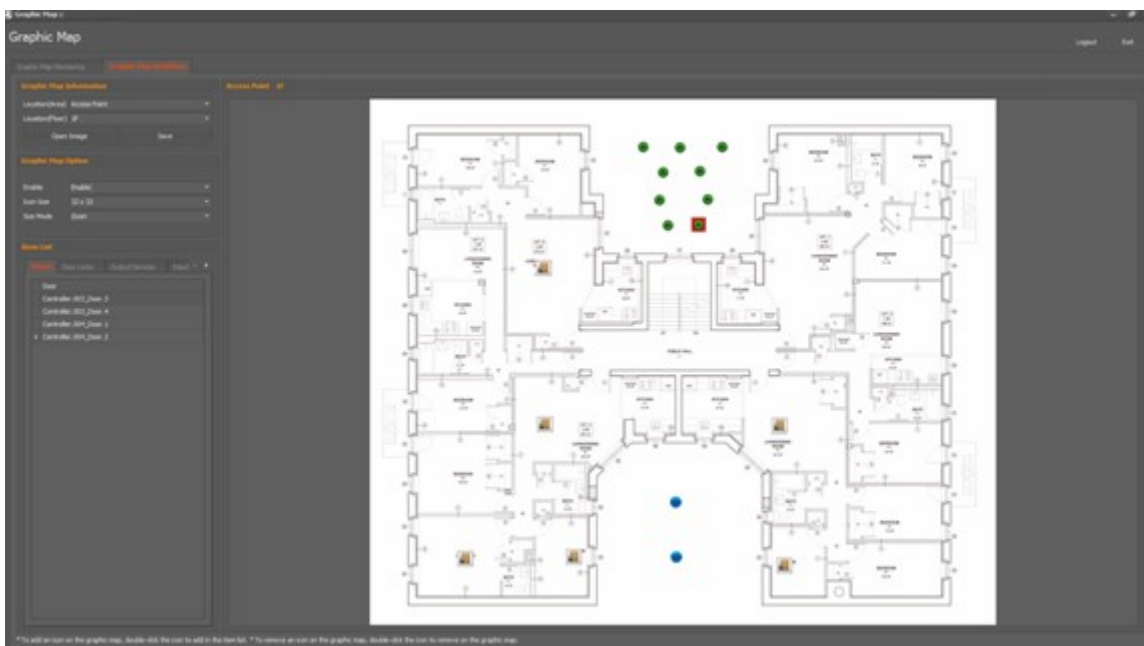
Graphic map is a function that displays devices installed at specific areas and floors as graphics.

You can set and monitor devices installed at specific areas and floors. In the main screen, execute 'Graphic Map'.

Graphic Map Definition

Graphic map definition is a function to set devices installed at specific areas and floors.

1. Select area and floor to set graphic map.
2. By clicking 'open image', select a relevant location image.
3. Select Graphic Map options.
4. In the item list, double click the items to mark in Graphic Map.
5. Drag the items in Graphic Map to the locations you want.
6. Click save to save.



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Graphic Map Monitoring

Graphic Map Monitoring is a function that monitors events occurring at controller in the Graphic Map.

1. When an event occurs at controller, set graphic map automatically shows.
2. If you need to display graphic map manually, select location.
3. If you select 'Fix a Graphic Map', it shows only selected location's events.
4. In the Graphic Map Monitoring, you can control the devices (doors, door locks, output devices).
5. To remove devices in the device list, click status in the list.
6. To control devices in the Graphic Map, double click the device in the Graphic Map.

