

Transaction Server

User Manual

VER 1.60

Transaction Server

User Manual

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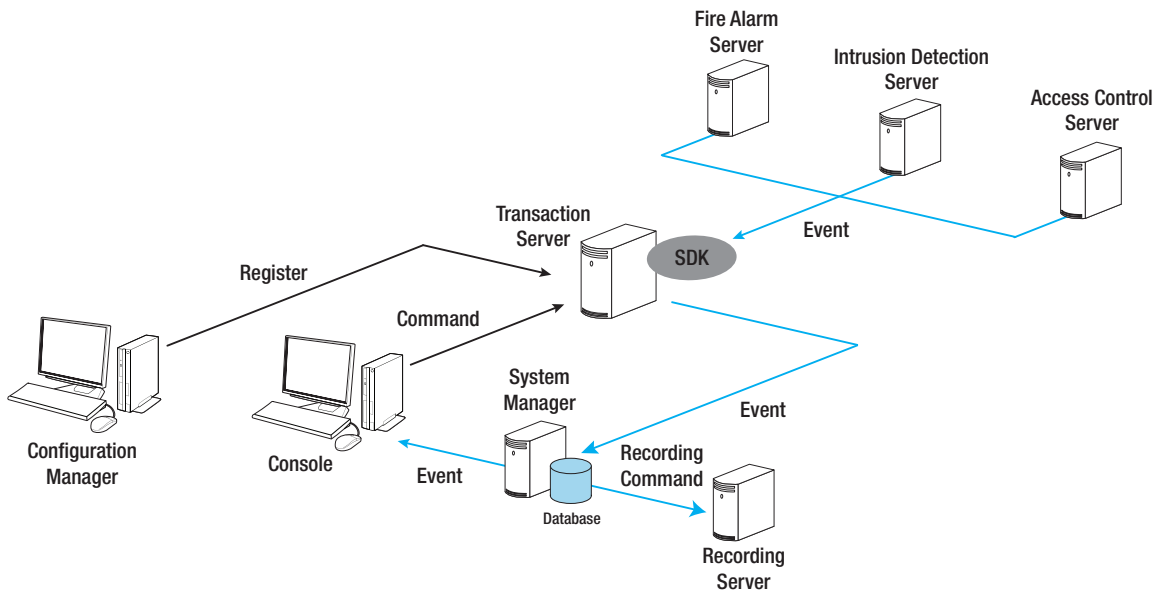
Overview

PRIOR TO INSTALLATION

What is Transaction Server?

This manual is for the SSM and the external system interface program is a user manual for the Transaction Server. Register the Transaction Server in the Configuration Manager of SSM, to be registered as a service to external systems via a Web page provided by the Console. Transaction Server communicates to the external system that is registered generated from Console. The occurrence of Events is stored in the Database of SSM System Manager.

System configuration



Software Version

Version	Details
TS_v1.30.0_20140530	Support model : SAMSUNG SAMS, BOSCH IP7400XI
TS_v1.31.0_20140916	Support model : SAMSUNG SAMS, BOSCH IP7400XI Honeywell PRO3000, VISTA
TS_v1.31.2_20150116	Support model : JCI P2000
TS_v1.40.0_20151023	Support model : SAMSUNG SAMS, BOSCH IP7400XI Honeywell PRO3000/3200, VISTA JCI P2000, OPC
TS_v1.50.0_20160426	Support model : SAMSUNG SAMS, BOSCH IP7400XI Honeywell PRO3000/3200 JCI P2000, OPC, AgentVi Savvi
TS_v1.60.0_20161209	Support model : Basic Installation : SAMSUNG SAMS, BOSCH IP7400. Honeywell PRO3000/3200, JCI P2000, OPC, AgentVi Savvi Plugin Installation : STENTOFON XE1, GALLAGHER CCFT, SIEMENS SIPASS

System requirements

SSM-TS installation should satisfy the following specifications.

System	Recommended	CPU : Intel Core i7-4770 @ 3.40GHz, RAM 4GB above, Video memory 1GB above
	Minimum	CPU : Intel Core i5-4670 @ 3.40GHz, RAM 2GB above, Video memory 512MB
	Web browser(for reporting)	IE 9/10/11, FireFox 20, Chrome 26 above
	OS	Windows 7 32/64bit, Windows 8 32/64bit, Windows Server 2008 32/64bit, Windows Server 2008 R2 64bit, Windows Server 2012 32/64bit, Windows Server 2012 R2 64bit (However, SAMS does not support Windows Server OS.)

Service Type

Support for Service type
SAMS (ss.ts.sp.sams)
BOSCH IP7400XI (ss.ts.sp.bosch.ip7400xi)
Honeywell PRO3000 (ss.ts.sp.honeywell.pro3000)
Honeywell VISTA (ss.ts.sp.honeywell.vista)
JCI P2000 (ss.ts.sp.jci.p2000)
Honeywell PRO3200 (ss.ts.sp.honeywell.pro3200)
OPC (ss.ts.sp.opc)
AgentVi Savvi(ss.ts.sp.agentvi.savvi)
STENTOFON XE1(ss.ts.sp.stentofon.xe1)
GALLAGHER CCFT(ss.ts.sp.gallagher.ccft)
SIEMENS SIPASS(ss.ts.sp.siemens.sipass)

Overview

Event Type

	Events	Samsung SAMS	Honeywell Pro3000	JCI P2000	Honeywell Pro3200	Gallagher CCFT	SIEMENS SIPASS
Access Control Events - Controller Events	INPUT_SIGNAL_OCCURRED	v	v	v	v	v	v
	INPUT_SIGNAL_RELEASED	v	v	v	v	v	
	SYSTEM_SETUP_MODE	v					
	INPUT_DISCONNECTED	v	v	v	v		
Access Control Events - Door Events	ACCESS_GRANTED	v	v	v	v	v	v
	ACCESS_DENIED	v	v	v	v	v	v
	INVALID_TIME_SCHEDULE	v	v	v	v		v
	ANTIPASS_BACK_ENTRY	v	v	v	v		v
	ANTIPASS_BACK_EXIT	v					
	INVALID_PASSWORD	v	v	v	v		v
	ACCESS_DOOR_ERROR	v	v	v	v		v
	BIOMETRIC_ERROR	v		v			
	DURESS_ALARM	v	v	v	v		
	ARM	v					
	DISARM	v					
	OVERTIME_DOOR_OPENED	v		v		v	v
	OVERTIME_DOOR_CLOSED	v	v		v		v
	FORCED_DOOR_OPENED	v	v	v	v	v	v
	2MEN_TIME	v		v			v
	ACCESS_TRIAL_WHITE_ARMED	v					
	IO_STAUS_CHANGE	v	v	v	v	v	v
	Events	Bosch IP7400		Honeywell VISTA128			
Intrusion Detection Events	BURGLARY_ALARM	v		v			

	Events	OPC
SSM Events	LOG_IN	v
	LOG_OUT	v
	MANUAL	v
	SYSTEM_START	v
	SYSTEM_STOP	v
	CONFIG_INITIALIZE	v
	CONFIG_IMPORT	v
	CONFIG_EXPORT	v
	SYSTEM_COMPOSITE	v
	CONNECT	v
	DISCONNECT	v
	TIME_CHANGED	v
	DISK_FULL	v
	DISK_FAIL	v
	RECORD_START	v
	RECORD_END	v
	BACKUP_START	v
	BACKUP_STOP	v
	MEDIA_COVERT	v
	CAMERA_OFF	v
	NO_HDD	v
	BEING_UPDATED	v
	RECORDING_FILTERING_START	v
	RECORDING_FILTERING_END	v
	FAN_STATUS_FAIL	v
	FAN_STATUS_RECOVER	v
	BATTERY_FAIL	v
	NETWORK_TRAFFIC_OVERFLOW	v
	NETWORK_TRAFFIC_RECOVER	v

Overview

	Events	OPC
SSM Events	OVERWRITE_DECODING	v
	RECORD_ERROR	v
	SYSTEM_SHUTDOWN	v
	REBOOT_MANUALLY	v
	REBOOT_UPGRADE	v
	DEVICE_CONNECTION_FAIL	v
	ARB_FAILED	v
	ARB_FAILED_NO_RESPONSE	v
	ARB_FAILED_NO_BACKUP_DATA	v
	ARB_FAILED_NO_SERVICE	v
	ARB_FAILED_DISK_FULL	v
	ARB_FAILED_DEVICE_DISCONNECT	v
	ARB_START	v
	ARB_STOP	v
	POWER_FAIL	v
	POWER_RECOVERY	v
	NETWORK_FAIL	v
	NETWORK_RECOVERY	v
	SERVER_SERVICE_START	v
	SERVER_SERVICE_STOP	v
	SYSTEM_TIME_CHANGED	v
	SYSTEM_RESTART	v
	SYSTEM_RESET	v
	PROFILE_CHANGED	v
	DISK_ADD	v
	DISK_ERASE	v
	RECORD_FAIL	v
	DISK_THROUGHPUT_EXCEEDED	v

	Events	OPC
SSM Events	RAID_MODE_ENABLE	v
	RAID_MODE_DISABLE	v
	RAID_SETUP_CHANGE	v
	RAID_BUILD_CANCEL	v
	RAID_BUILD_FAIL	v
	RAID_REBUILD_START	v
	RAID_REBUILD_END	v
	RAID_REBUILD_FAIL	v
	RAID_DEGRADED	v
	RAID_ERROR	v
	ISCSI_CONNECTED	v
	ISCSI_DISCONNECTED	v
	MOTION_DETECT	v
	VIDEO_LOSS	v
	IV_DETECT	v
	IV_PASSING	v
	IV_ENTERING	v
	IV_EXITING	v
	IV_DISAPPEARING	v
	IV_SCENE_CHANGE	v
	IV_TRACKING	v
	IV_FACE_DETECTING	v
	AUDIO_DETECTION	v
	CONNECT_FAIL	v
	CAMERA_CONNECT	v
	CAMERA_DISCONNECT	v
	VA_ZONE_DWELLTIME	v
	VA_ZONE_OCCUPANCY	v

Overview

	Events	OPC
SSM Events	USER_CAMERA_CAPTURE	v
	USER_CAMERA_PRINT	v
	USER_CAMERA_BACKUP_START	v
	USER_CAMERA_BACKUP_END	v
	USER_CAMERA_LOCALRECORDING_START	v
	USER_CAMERA_LOCALRECORDING_END	v
	NO_SDCARD	v
	SD_CARD_STORAGE_ERR	v
	SD_CARD_RECORDING_ERR	v
	SD_CARD_ADD	v
	SD_CARD_REMOVE	v
	SD_CARD_FORMAT	v
	ALARM_IN	v
	ID_BURGLARY_ALARM	v
	ALARM_OUT_ON	v
	ALARM_OUT_OFF	v
	HA_SERVICE_START	v
	HA_SERVICE_STOP	v
	NO_STANDBY_CLIENT	v
	STANDBY_CLIENT_BROKEN	v
	FAILOVER_REQUEST	v
	FAILOVER_SUCCEEDED	v
	FAILOVER_FAILED	v
	FAILBACK_REQUEST	v
	FAILBACK_SUCCEEDED	v
	FAILBACK_FAILED	v
	AC_ENABLED	v
	AC_DISABLED	v

	Events	OPC
SSM Events	SC_ENABLED	v
	SC_DISABLED	v
	AC_RECOVERY_REQ	v
	AC_RECOVERY_SUCCESS	v
	AC_RECOVERY_FAIL_BY_DISCONNECT	v
	AC_RECOVERY_FAILED_BY_DISK_FULL	v
	AC_RECOVERY_BY_NO_RES	v
	AC_RECOVERY_STOP_BY_USER_CANCEL	v
	SC_RECOVERY_RESPONSE	v
	SC_RECOVERY_FAIL_BY_DISCONNECT	v
	SC_RECOVERY_STOP_BY_USER_CANCEL	v
	SC_RECOVERY_FAIL_BY_NOT_EXIST_FILE	v
	NO_SETTING_RESTORE_DISK	v
	RECOVERY_FAIL	v
	AC_INPUT_SIGNAL_OCCURED	v
	AC_INPUT_SIGNAL_RELEASED	v
	AC_SYSTEM_SETUP_MODE	v
	AC_INPUT_DISCONNECTED	v
	AC_ACCESS_GRANTED	v
	AC_ACCESS_DENIED	v
	AC_INVALID_TIME_SCHEDULE	v
	AC_ANTIPASS_BACK_ENTRY	v
	AC_ANTIPASS_BACK_EXIT	v
	AC_INVALID_PASSWORD	v
	AC_ACCESS_DOOR_ERROR	v
	AC_BIOMETRIC_ERROR	v
	AC_DURESS_ALARM	v
	AC_ARM	v

Overview

	Events	OPC
SSM Events	AC_DISARM	v
	AC_OVERTIME_DOOR_OPENED	v
	AC_OVERTIME_DOOR_CLOSED	v
	AC_FORCED_DOOR_OPENED	v
	AC_2Men_TIME	v
	AC_ACCESS_TRIAL_WHILE_ARMED	v
	AC_IO_STATUS_CHANGE	v

	Events	AgentVi Savvi
Camera Events	ASSET_PROTECTION	v
	CAMERA_TAMPERING	v
	CROWN_DETECTION	v
	LOITERING	v
	OCCUPANCY	v
	STOPPED_VEHICLE	v
	SUSPICIOUS_OBJECT	v
	THERMAL_CAMERA	v
	VEHICLE_TAILGATING	v

	Events	Stentofon XE1
Intercom Events	STNT_STATION_BUSY	v
	STNT_STATION_FREE	v
	STNT_STATION_CONNECT	v
	STNT_STATION_DISCONNECT	v
	STNT_CALL_REQUEST	v
	IO_STATUS_CHANGE	v

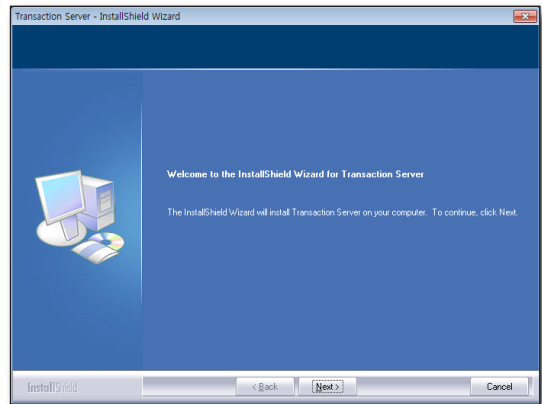
Functions

	Description
Run an event action (Console)	1. Start preset and tour
	2. Activate relay
	3. Send e-mail
	4. Active sound
	5. Instant viewer pop-up and showing recorded footage
	6. Message pop-up
On the map (Console)	1. Door status (close/open)
	2. Alarm/Sensor status
	3. Control I/O point
	4. Open/Close Door
Run an event action (Virtual Matrix)	1. Start monitor spot
	2. Start wall spot
	3. Start tile spot

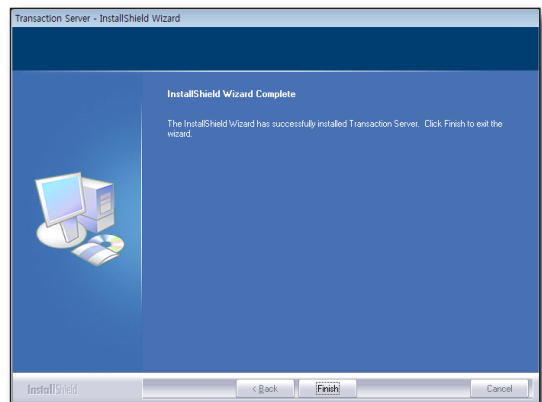
Installation

INSTALL

1. Double-click the file. "**SSM-TS_v1.x_yyyymmdd.exe**".



2. Click **[Finish]** to complete the install.

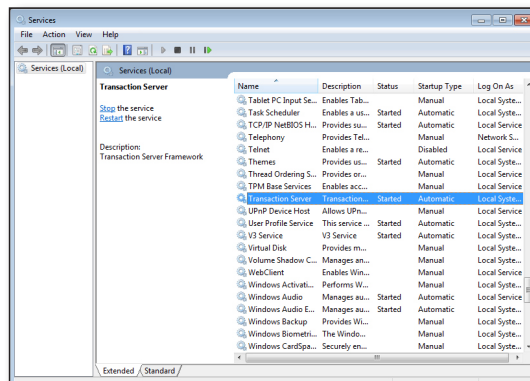


Starting

CHECKING FINISHED INSTALLATION

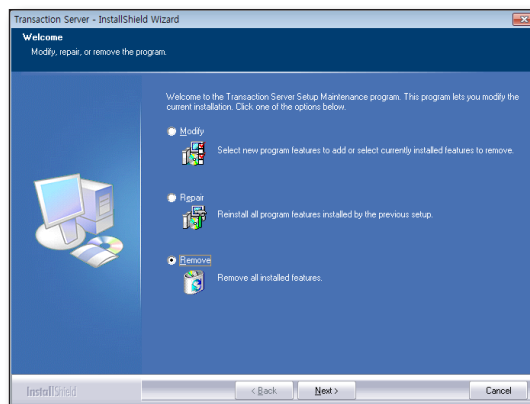
After installation is completed, check that the "Transaction Server" installation has been finished successfully.

1. To Open Windows <Control Panel> - <Administrative Tools> - <Services>.
2. Entry of the <Transaction Server> to ensure that it is set to "Start/Auto" from the list.

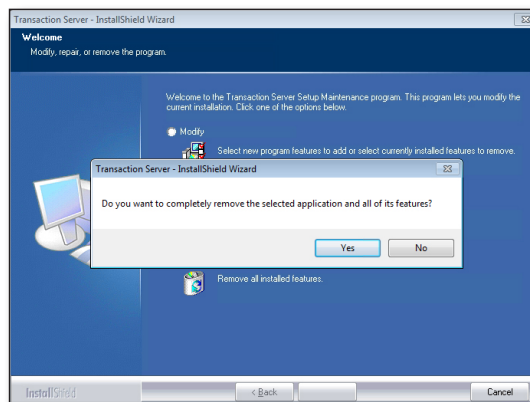


UNINSTALL

1. Double-click the file. "SSM-TS_v1.x_yyyymmdd.exe".

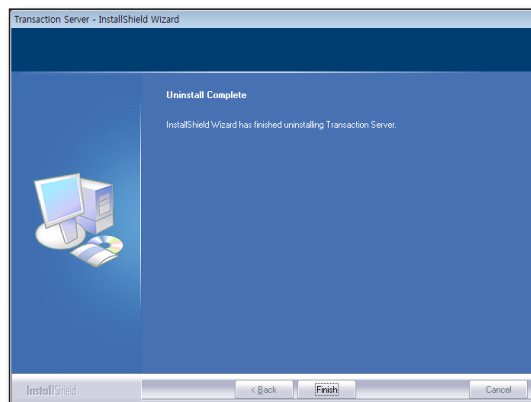


2. Click [Yes].



Starting

3. Click **[Finish]** to complete the uninstall.



CHECKING FINISHED UNINSTALLATION

After uninstallation is completed, check that the "Transaction Server" uninstallation has been finished successfully.

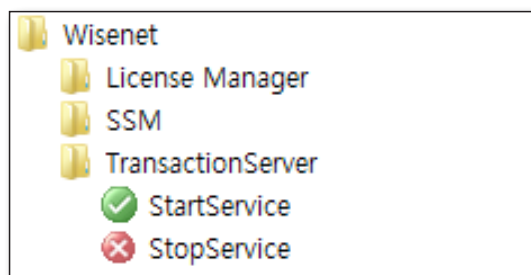
1. To Open Windows **<Control Panel>** - **<Administrative Tools>** - **<Services>**.
2. **<Transaction Server>** from the list, make sure the item is deleted.

TRANSACTION SERVER START/STOP

To start or stop the service of Transaction Server as follows.

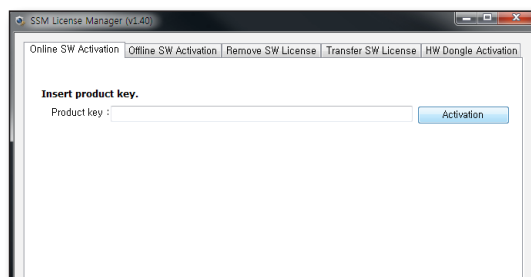
1. Open **<Start>** - **<All Programs>** - **<Wisenet>** - **<TransactionServer>**.
2. Click **<StartService>** or **<StopService>**.

- When server IP is changed **<Transaction Server>** should be restarted.



REGISTER A LICENSE

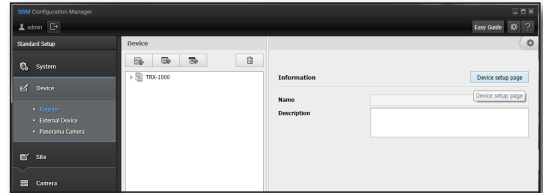
1. To fully use the transaction server, the following licenses are required.
 - **SSM Enterprise** or higher - Activated on a PC with SSM-SM installed
 - **SSM-TS** - Activated on a PC with a transaction server installed
2. Go to Windows **<Start>** - **<All Programs>** - **<Samsung>** and run **<License Manager>**.
3. Enter the product key and click the [**Activation**] button.



Transaction Server

LOGIN

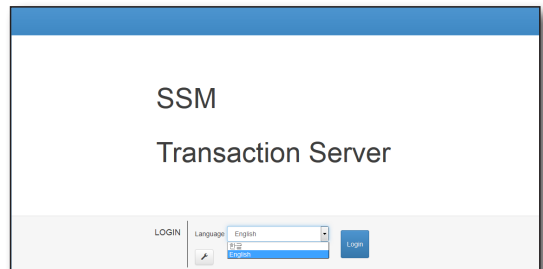
1. Clicking on the button [[Device setup page](#)] will launch browser and display login page as follows.



2. Select language and Clicking the **[Login]** button to log in. (Default : English)

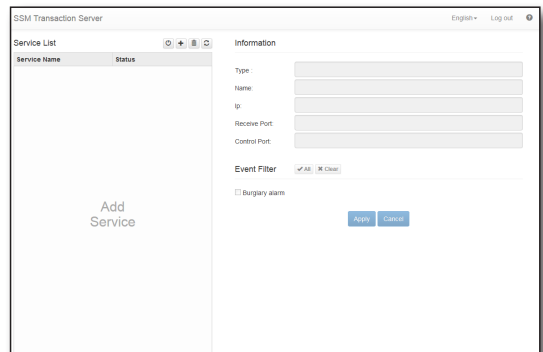


- When accessed using Internet Explorer, You need to check the following settings.
 - Internet Options > General > Browsing history > Settings
 - Check for newer version of stored pages : Every time I visit the webpage(E)



LOGOUT

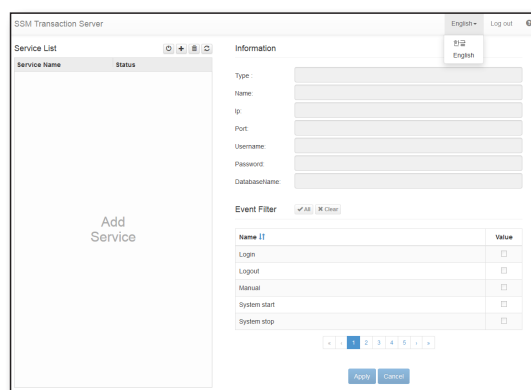
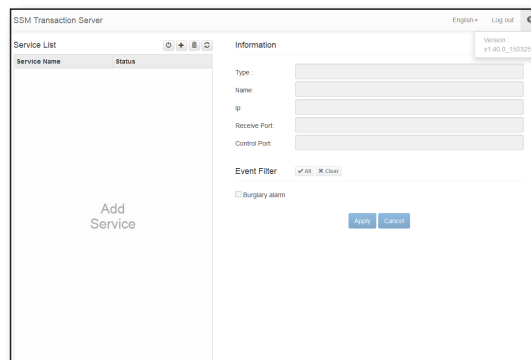
Click the top of the [[Log out](#)] button.



Transaction Server

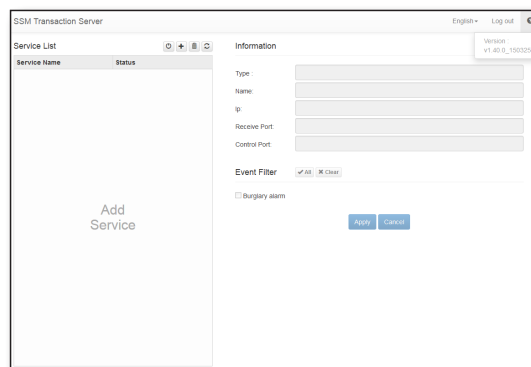
CHANGE THE LANGUAGE

Top of the [English] button to change the display language.



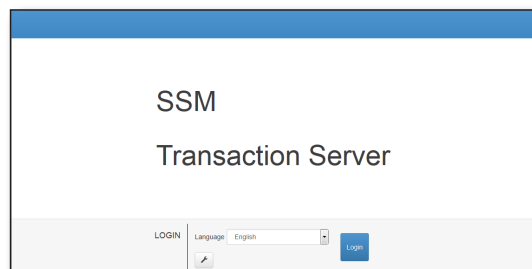
VERSION

Top of the button [?] to check the TS version.



Registration

1. Access "http://localhost:8440/web/index.html" after the Transaction Server installation.
2. Click on the button [] on the login page.

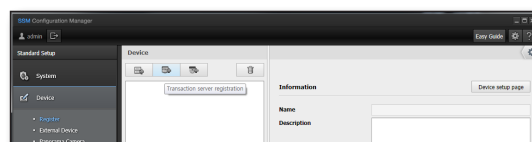


3. Input Transaction Server's IP address, MAC, Web Port.
4. [Apply] button to save the setting for Transaction Server.

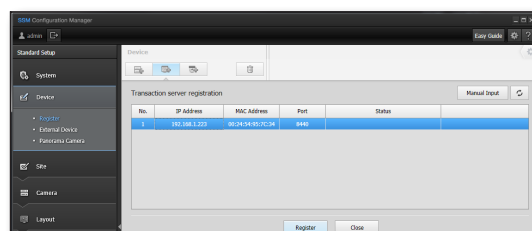


- If the settings are changed, the transaction server service must be restarted.

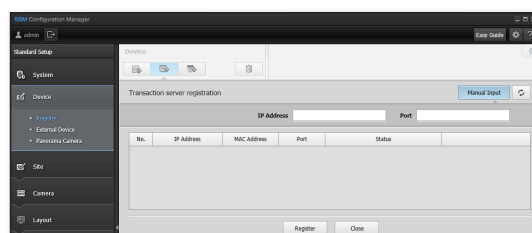
5. To run Configuration Manager of "SSM" and Click <Device> - <Register>.
6. Click the button [] on the top.



7. Automatically retrieved list, select the device you want to register and Click the [Register] button.



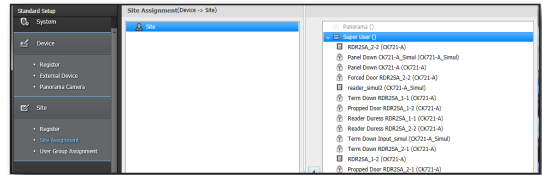
8. If the device is not found automatically, please click the [Manual Input] button.
Enter the IP address and port configured in <Configuration> of the Transaction Server, and then click the [Register] button.



Transaction Server

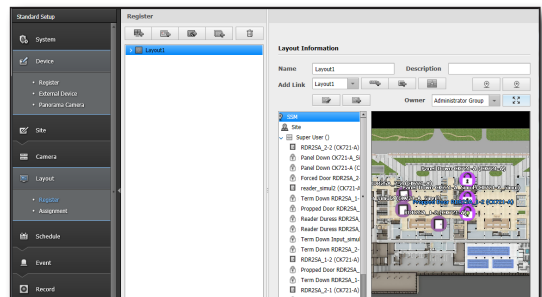
ASSIGNMENT

Site and the User Group is assigned in the tab **<Site>**
- **<Site Assignment>**, **<User Group Assignment>**.



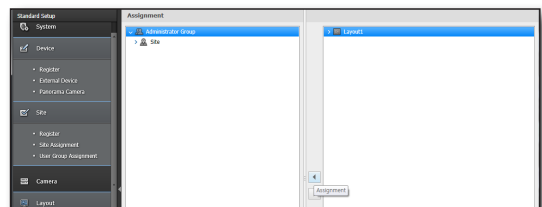
LAYOUT REGISTRATION

1. Click the **<Layout>** - **<Register>**.
2. Registering the lay out by using displayed menu.



LAYOUT ASSIGNMENT

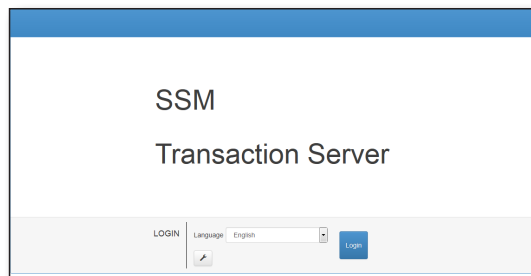
1. Click the **<Layout>** - **<Assignment>**.
2. Want to show the layout of the site allocates the registered layout.



Configuration Information

TRANSACTION SERVER SETTING

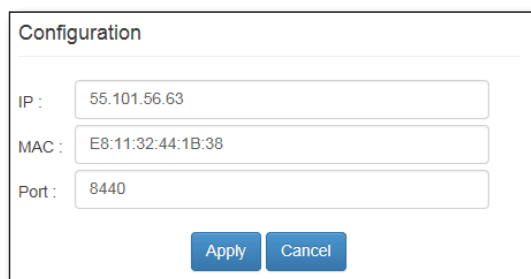
1. Click on the button [] on the login page.



2. Input Transaction Server's Ip address, MAC, Web Port.
3. [Apply] button to save the settings for Transaction Server.
4. [Cancel] button is clicked, the login page is displayed.



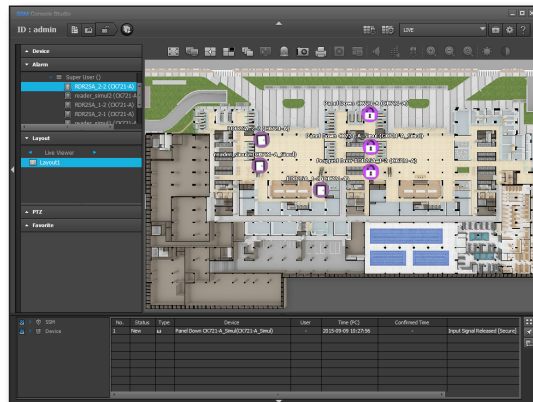
- Transaction Server Default Web Port: 8440



Event

EVENT

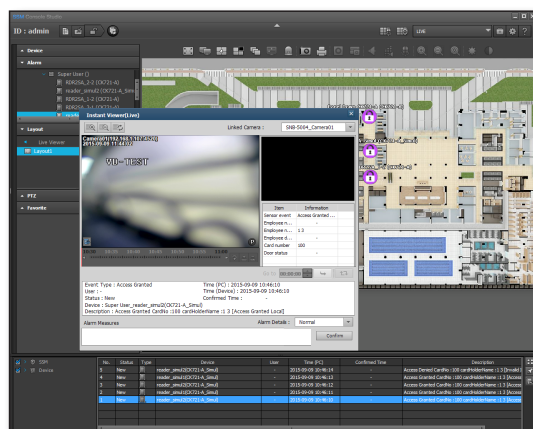
1. Transaction Server is registered when the event occurs in the equipment. The event will be displayed in the generation of “real-time events” tab, <SSM> - <Console>.



2. Event action is set to Instant viewer is displayed as a pop-up window.



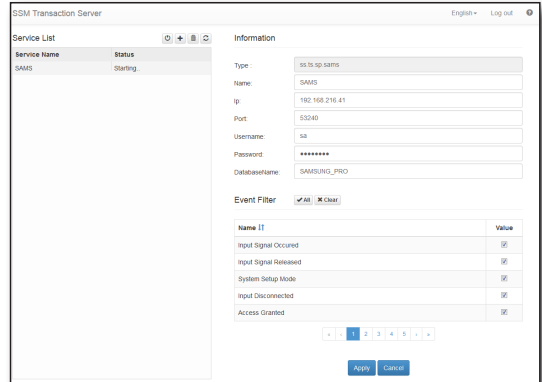
- If the size of cardholder's image is over 1MB, it may not be displayed.



Services

SERVICE DELETE

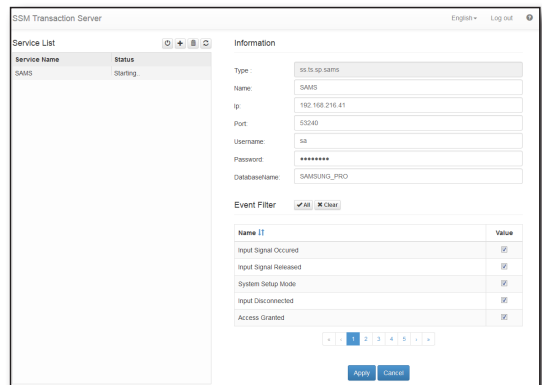
Select the Service you want to delete, then click the button [].



SERVICE STATUS

Update the status of the service.

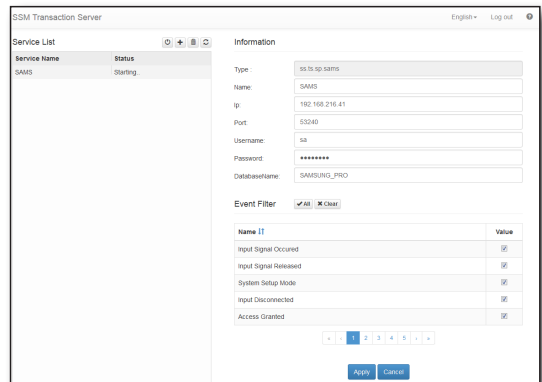
1. Click the button [].
2. Display the status of the service is as follows.
 - **Not Registered** : Registering the service with TS.
 - **Registered** : Service is registered in the list of TS services.
 - **Starting** : Trying to connect the service registered.
 - **Active** : The connection is successful.
 - **Restart** : Restarting Services.
 - **Deleting** : Deleted from the list of TS services.
 - **Fail to connect** : Registration information is incorrect or if the TS service connected disable state.



SERVICE RESTART

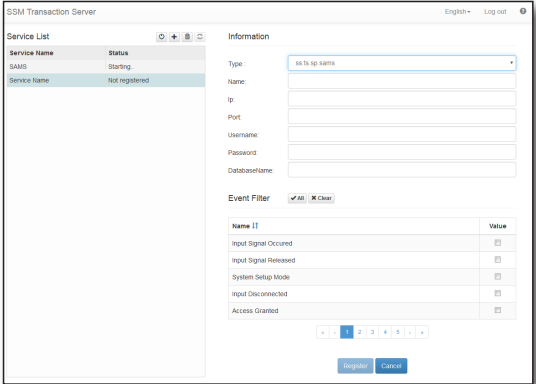
If information of devices registered has changed, Restart the services.

1. Click the button [].
2. Click the button [OK] in pop-up windows
3. Status of services list is changed to <Restart>.



REGISTRATION

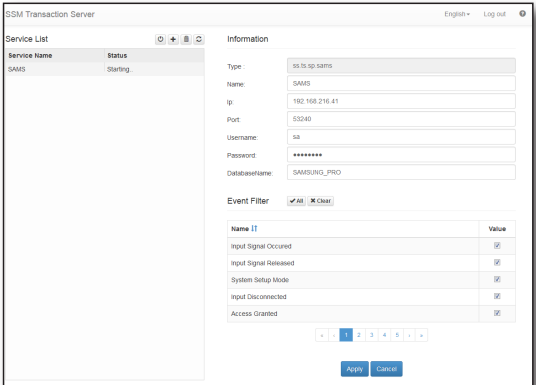
1. Click the button [] on the top.
2. Enter the <Information> on you want to register the system.
 - **Type** : Select system type (ss.ts.sp.sams)
 - **Name** : Displayed Service name
 - **Ip** : System's IP address(xxx.xxx.xxx.xxx)
 - **Port** : System's Port
 - **Username** : User name of system's Database
 - **Password** : Password of system's Database
 - **DatabaseName** : Name of system's Database
3. Select the Event you want to receive and then Click on the [] button.
4. When the registration is completed, the "Status" of "Service List" displayed <Complete>.



Name	Value
Input Signal Occured	☐
Input Signal Released	☐
System Setup Mode	☐
Input Disconnected	☐
Access Granted	☐

MODIFY

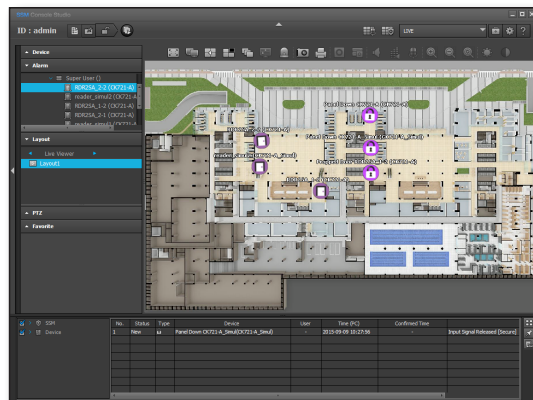
1. Select the Service you want to modify.
2. Modify the <Information> of service.
3. Modify the Event Filter.
4. Click the button [].



Name	Value
Input Signal Occured	☐
Input Signal Released	☐
System Setup Mode	☐
Input Disconnected	☐
Access Granted	☐

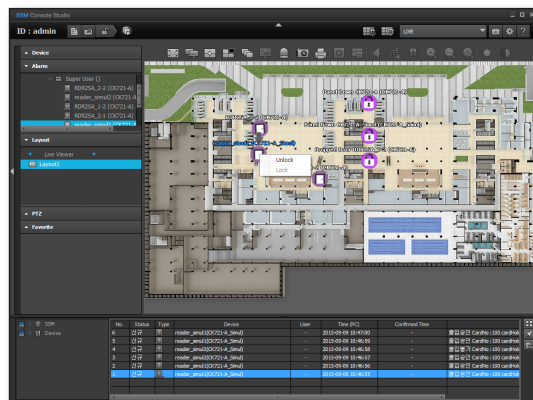
DOOR STATUS

1. Registered Transaction Server and layout is displayed in the Device tab of <SSM> - <Console>.
2. Display the current state of the layout of the Door.



DOOR OPEN AND CLOSE

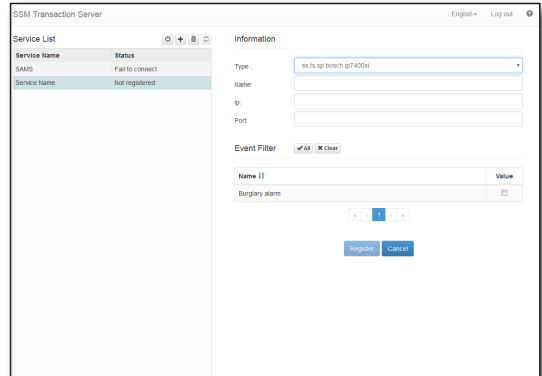
1. Right-click the name of door shown <Alarm> tab.
2. Select a door <Unlock>, <Lock> which is displayed in the menu.



BOSCH IP7400XI

REGISTRATION

1. Click the button [] on the top.
2. Enter the <Information> on you want to register the system.
 - **Type** : Select system type (ss.ts.sp.bosch.ip7400xi)
 - **Name** : Displayed Service name
 - **Ip** : System's IP address(xxx.xxx.xxx.xxx)
 - **Port** : System's Port
3. Select the Event you want to receive and then Click on the [] button.
4. When the registration is completed, the "Status" of "Service List" displayed <Complete>.



Service Name	Status
SAMS	Fail to connect
Bosch	not registered

Information

Type: ss.ts.sp.bosch.ip7400xi

Name:

Ip:

Port:

Event Filter: ☒ All ☐ Clear

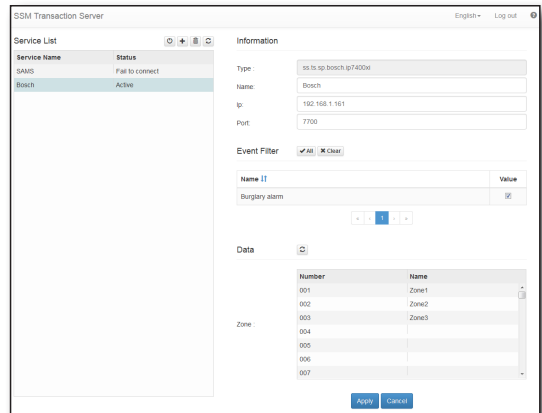
Name: I Burglary alarm

Value:

Register Cancel

MODIFY

1. Select the Service you want to modify.
2. Modify the <Information> of service.
3. Modify the Event Filter.
4. Click the [] button.



Service Name	Status
SAMS	Fail to connect
Bosch	Active

Information

Type: ss.ts.sp.bosch.ip7400xi

Name: Bosch

Ip: 192.168.1.161

Port: 7700

Event Filter: ☒ All ☐ Clear

Name: I Burglary alarm

Value: 96

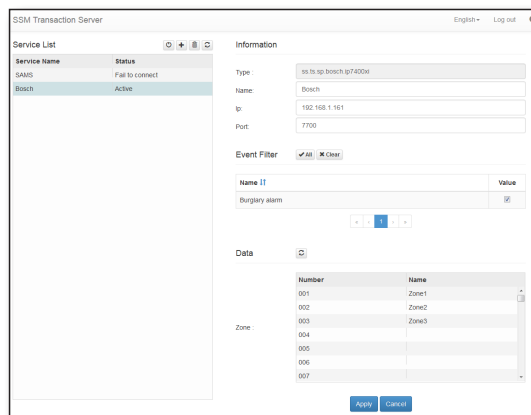
Data

Number	Name
001	Zone1
002	Zone2
003	Zone3
004	
005	
006	
007	

Apply Cancel

MODIFY ZONE INFORMATION

1. Select the Service you want to modify.
2. Click the Name field, and then enter the information.
(Up to 40 characters)
3. Click the [] button.



Service Name	Status
SAMS	Fail to connect
Bosch	Active

Type	Name	Ip	Port
ss.fs.ip.bosch.ip7400xi	Bosch	192.168.1.161	7700

Event Filter: ☒ All ☐ Clear

Name	Value
Burglary alarm	☒

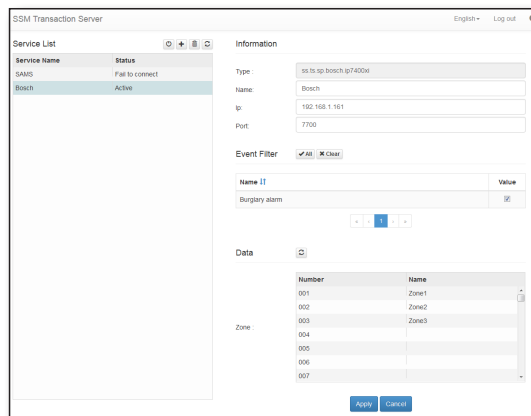
Data

Number	Name
001	Zone1
002	Zone2
003	Zone3
004	
005	
006	
007	

Buttons:

REFRESH ZONE INFORMATION

1. Select the Service you want to refresh.
2. Click the [] button.



Service Name	Status
SAMS	Fail to connect
Bosch	Active

Type	Name	Ip	Port
ss.fs.ip.bosch.ip7400xi	Bosch	192.168.1.161	7700

Event Filter: ☒ All ☐ Clear

Name	Value
Burglary alarm	☒

Data

Number	Name
001	Zone1
002	Zone2
003	Zone3
004	
005	
006	
007	

Buttons:

Honeywell PRO3000

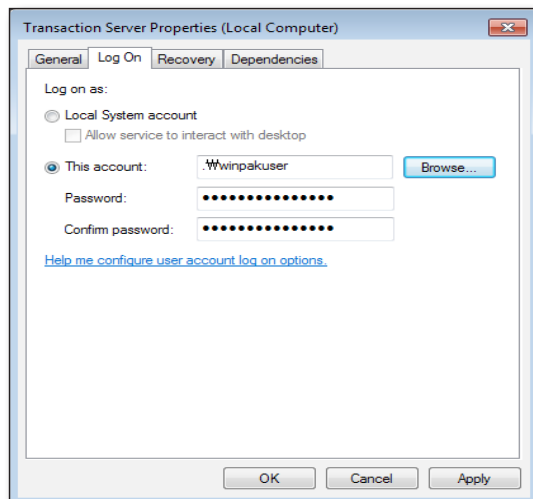
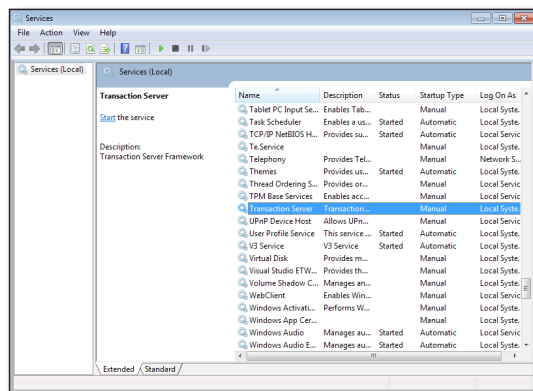
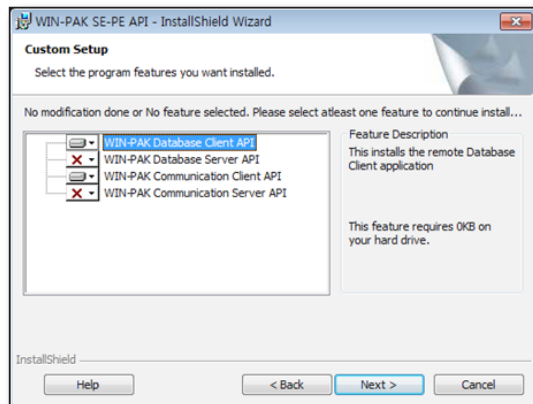
WIN-PAK API INSTALLATION

1. You must be purchased separately for linked to the TS and PRO3000.
2. Click on the file "WIN-PAK SE-PE API.exe" to install API.
3. WIN-PAK SE-PE API installation respectively, as follows :
 - **WIN-PAK Comm Client API** : Installed with TS
 - **WIN-PAK Database Client API** : Installed with TS
 - **WIN-PAK Comm Server API** : Installed with WIN-PAK
 - **WIN-PAK Database Server API** : Installed with WIN-PAK

! ■ Be careful not to be installed on the same PC, Server and Client API.

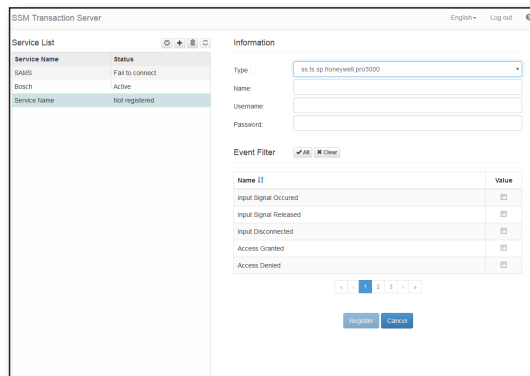
✍ ■ WIN-PAK API is for the Win-PAK 3.0 version.

4. Set the service account of the TS, as follows.
 - Run [Control Panel] - [Administrative Tools] - [Services].
 - Select Transaction Server, and right-Click [Properties], Click [Log On] Tab.
 - Select [This account], Set as follows
 - This account : .\winpakuser
 - Password : Password123 (Default)



REGISTRATION

1. Click the button [] on the top.
2. Enter the <Information> on you want to register the system.
 - **Type** : Select system type (ss.ts.sp.honeywell.pro3000)
 - **Name** : Displayed Service name
 - **Username** : Administrator of WIN-PAK (Default : admin)
 - **Password** : Administrator password of WIN-PAK
3. Select the Event you want to receive and then Click on the [] button.
4. When the registration is completed, the "Status" of "Service List" displayed <Complete>.

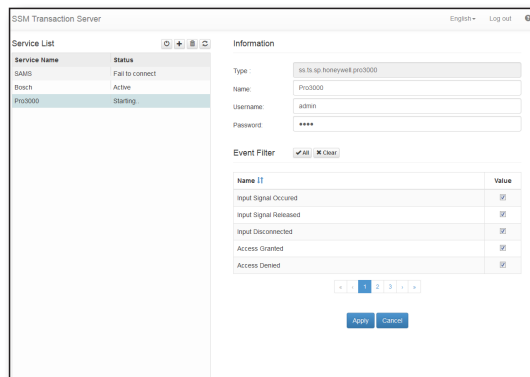


Service Name	Status
SAMS	Fail to connect
Bosch	Active
Pro3000	Not registered

Name	Value
Input Signal Occurred	☒
Input Signal Released	☒
Input Disconnected	☒
Access Granted	☒
Access Denied	☒

MODIFY

1. Select the Service you want to modify.
2. Modify the <Information> of service.
3. Modify the Event Filter.
4. Click the [] button.



Service Name	Status
SAMS	Fail to connect
Bosch	Active
Pro3000	Starting

Name	Value
Input Signal Occurred	☒
Input Signal Released	☒
Input Disconnected	☒
Access Granted	☒
Access Denied	☒

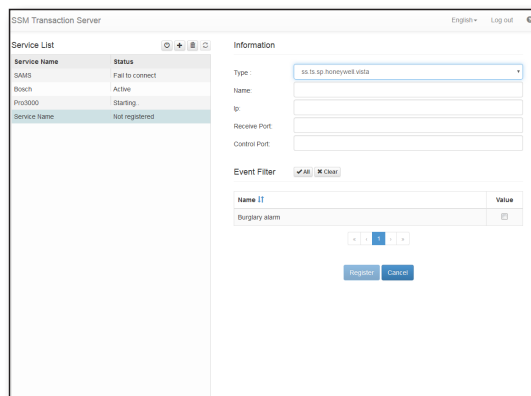
DOOR STATUS / OPEN AND CLOSED

See status / open and closed of SAMS. (page 27)

Honeywell VISTA

REGISTRATION

1. Click the button [] on the top.
2. Enter the <Information> on you want to register the system.
 - **Type** : Select system type (ss.ts.sp.honeywell.vista)
 - **Name** : Displayed Service name
 - **Ip** : System's IP address(xxx.xxx.xxx.xxx)
 - **Receive Port** : Port for receive event
 - **Control Port** : Port for send control
3. Select the Event you want to receive and then Click on the [] button.
4. When the registration is completed, the "Status" of "Service List" displayed <Complete>.



SSM Transaction Server

English Log out

Service Name	Status
SAMS	Fail to connect
Bosch	Active
Pro3000	Starting
Vista	not registered

Information

Type: ss.ts.sp.honeywell.vista

Name:

Ip:

Receive Port:

Control Port:

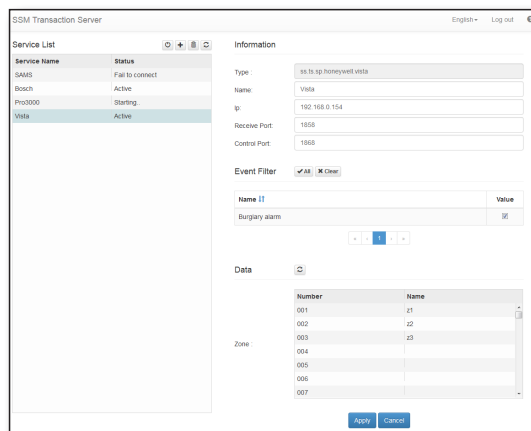
Event Filter: ☒ All ☐ Clear

Name	Value
Burglary alarm	

MODIFY

1. Select the Service you want to modify.
2. Modify the <Information> of service.
3. Modify the Event Filter.
4. Click the [] button.



SSM Transaction Server

English Log out

Service Name	Status
SAMS	Fail to connect
Bosch	Active
Pro3000	Starting
Vista	Active

Information

Type: ss.ts.sp.honeywell.vista

Name: VISTA

Ip: 192.168.0.154

Receive Port: 1858

Control Port: 1868

Event Filter: ☒ All ☐ Clear

Name	Value
Burglary alarm	

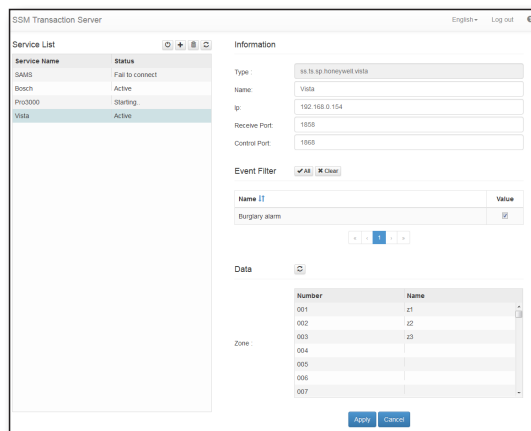
 

Data

Number	Name
001	z1
002	z2
003	z3
004	
005	
006	
007	

MODIFY ZONE INFORMATION

1. Select the Service you want to modify.
2. Click the Name field, and then enter the information.
(Up to 40 characters)
3. Click the [] button.



SSM Transaction Server

English - Log out

Service Name	Status
SAMS	Fail to connect
Bosch	Active
Pro3000	Starting
Vista	Active

Information

Type: ss.hs.tp.honeywell.vista

Name: Vista

IP: 192.168.0.154

Receive Port: 1858

Control Port: 1858

Event Filter

☒ All ☐ Close

Name	Value
Burglary alarm	☒

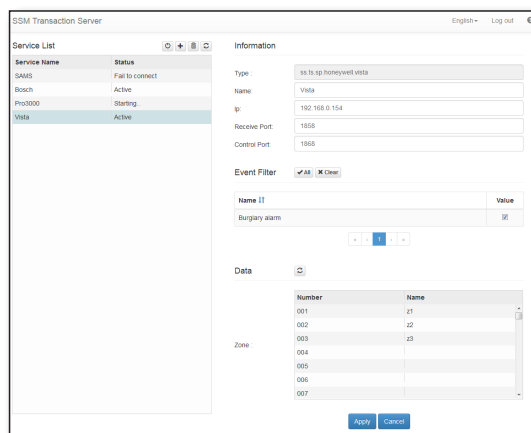
Data

Number	Name
001	z1
002	z2
003	z3
004	
005	
006	
007	

Apply Cancel

REFRESH ZONE INFORMATION

1. Select the Service you want to refresh.
2. Click the [] button.



SSM Transaction Server

English - Log out

Service Name	Status
SAMS	Fail to connect
Bosch	Active
Pro3000	Starting
Vista	Active

Information

Type: ss.hs.tp.honeywell.vista

Name: Vista

IP: 192.168.0.154

Receive Port: 1858

Control Port: 1858

Event Filter

☒ All ☐ Close

Name	Value
Burglary alarm	☒

Data

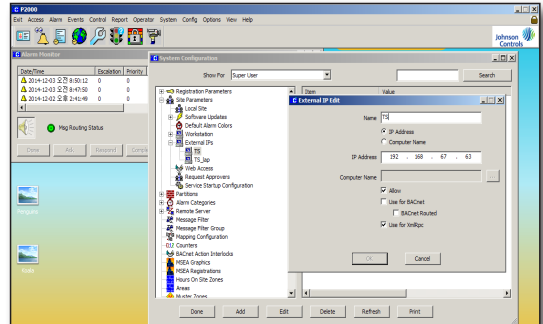
Number	Name
001	z1
002	z2
003	z3
004	
005	
006	
007	

Apply Cancel

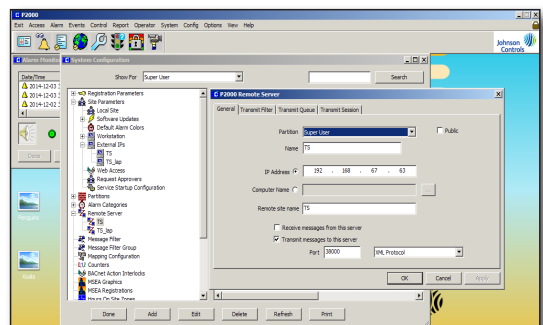
JCI P2000

JCI P2000 CONFIGURATION

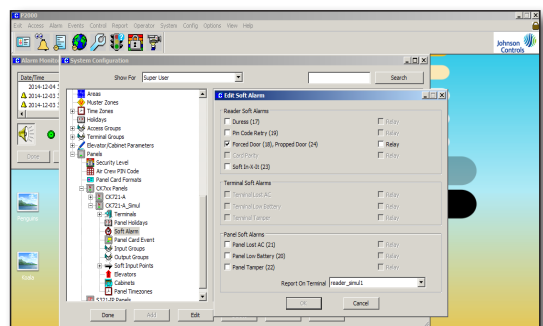
1. Register TS IP to External IP of P2000.
 - Check the items <Allow>, <Use for XmlRpc>



2. Register TS IP to Remote Server.
 - Check the item <Transmit message to this server>
 - Select Protocol(HTTP Post XML Protocol or XML Protocol)
 - Input "Port" for receive Event

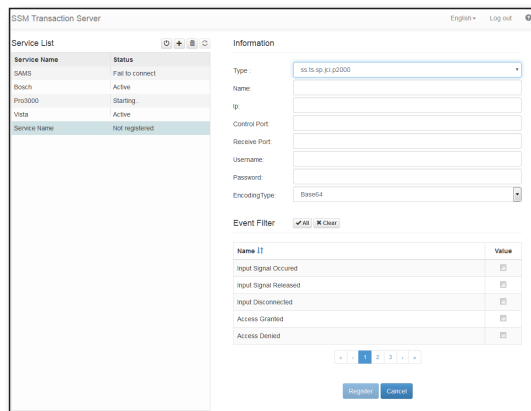
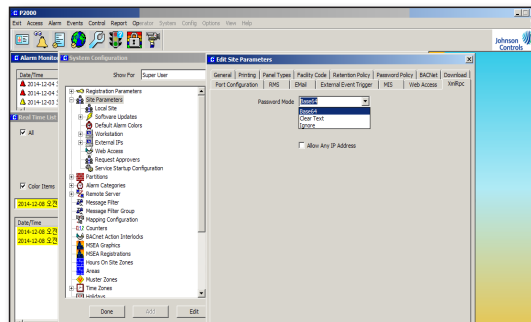


3. Soft Alarm Setting.
 - Check the item <Forced Door(18), Propped Door(24)>



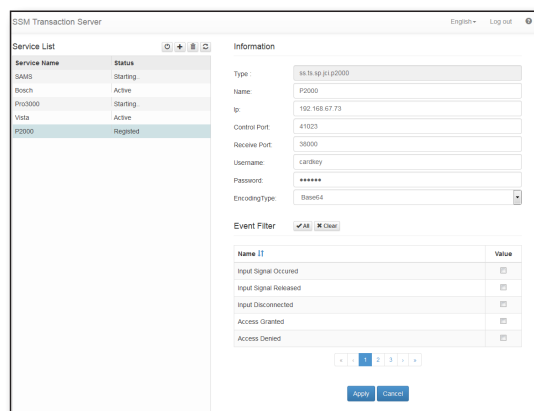
REGISTRATION

1. Click the button [] on the top.
2. Enter the <Information> on you want to register the system.
 - **Type** : Select system type (ss.ts.sp.jci.p2000)
 - **Name** : Displayed Service name
 - **IP** : IP address of JCI P2000 Server
 - **Control Port** : Port of XML-RPC Protocol (Default : 41023)
 - **Receive Port** : Port of RMS-XML Protocol (Remote Server's "Port")
 - **Username** : Username of Super User of P2000 (Default : cardkey)
 - **Password** : Password of Username (Default : master), Select Password mode (Default : Base64)
 - Password mode must be same Password Mode of P2000.
3. Select the Event you want to receive and then Click on the [] button.
4. When the registration is completed, the "Status" of "Service List" displayed <Complete>.



MODIFY

1. Select the Service you want to modify.
2. Modify the <Information> of service.
3. Modify the Event Filter.
4. Click the [] button.



The screenshot shows the 'SSM Transaction Server' web interface. On the left, the 'Service List' table shows the following data:

Service Name	Status
SAMS	Starting
Bosch	Active
Piso3000	Starting
Vista	Active
P2000	Registered

The 'P2000' service is selected. On the right, the 'Information' section contains the following fields:

- Type: s8.1h.1p.p1.p2000
- Name: P2000
- Ip: 192.168.0.73
- Control Port: 41023
- Receive Port: 38000
- Username: cardkey
- Password: *****
- EncodingType: Base64

Below the information fields is the 'Event Filter' section, which includes a table with the following data:

Name	Value
Input Signal Occured	☐
Input Signal Released	☐
Input Disconnected	☐
Access Granted	☐
Access Denied	☐

At the bottom of the interface, there are 'Apply' and 'Cancel' buttons.

DOOR STATUS / OPEN AND CLOSED

See status / open and closed of SAMS. (page 27)

Honeywell PRO3200

WIN-PAK API INSTALLATION

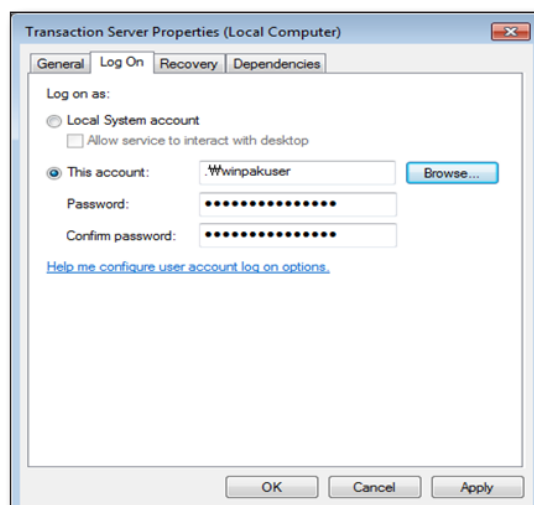
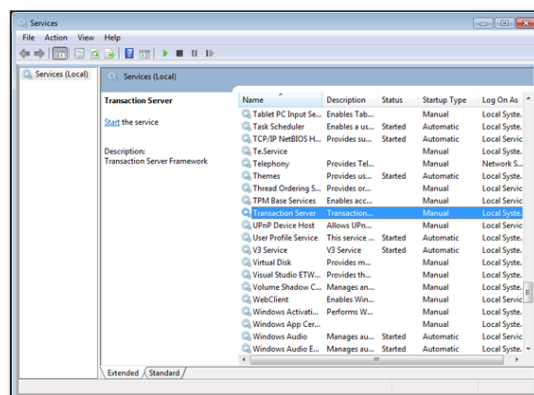
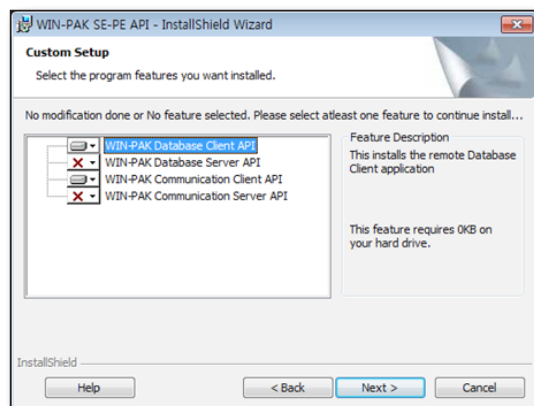
1. You must be purchased separately for linked to the TS and PRO3200.
2. Click on the file "WIN-PAK SE-PE API.exe" to install API.
3. WIN-PAK SE-PE API installation respectively, as follows.
 - **WIN-PAK Comm Client API** : Installed with TS
 - **WIN-PAK Database Client API** : Installed with TS
 - **WIN-PAK Comm Server API** : Installed with WIN-PAK
 - **WIN-PAK Database Server API** : Installed with WIN-PAK

! ■ Be careful not to be installed on the same PC, Server and Client API.

✍ ■ WIN-PAK API for WIN-PAK v4.0.

4. Set the service account of the TS, as follows.

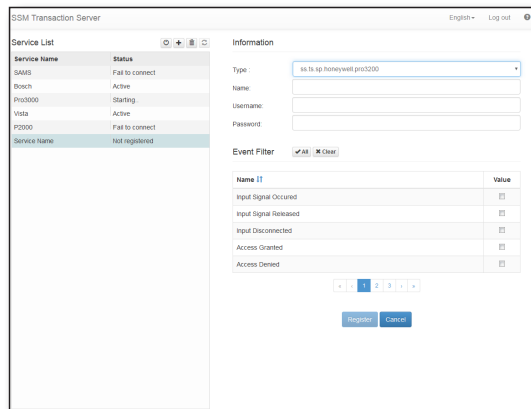
- Run [Control Panel] - [Administrative Tools] - [Services]
- Select Transaction Server, and right-Click [Properties], Click [Log On] Tab
- Select [This account], Set as follows
 - This account : .\winpakuser
 - Password : Password123 (Default)



Honeywell PRO3200

REGISTRATION

1. Click the button [] on the top.
2. Enter the <Information> on you want to register the system.
 - **Type** : Select system type (ss.ts.sp.honeywell.pro3200)
 - **Name** : Displayed Service name
 - **Username** : Administrator of WIN-PAK (Default : admin)
 - **Password** : Administrator password of WIN-PAK
3. Select the Event you want to receive and then Click on the [] button.
4. When the registration is completed, the “Status” of “Service List” displayed <Complete>.

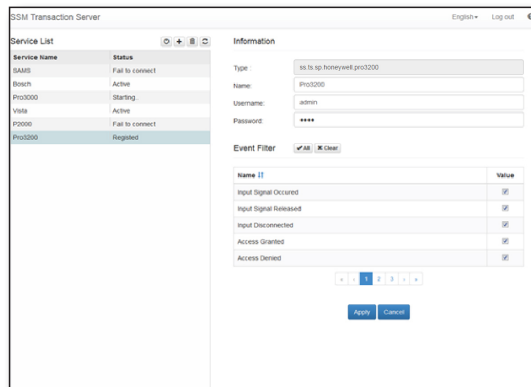


Service Name	Status
SAMS	Fail to connect
Bosch	Active
Pro3000	Starting
Vista	Active
P2000	Fail to connect
Pro3200	Not registered

Name	Value
Input Signal Occured	☐
Input Signal Released	☐
Input Disconnected	☐
Access Granted	☐
Access Denied	☐

MODIFY

1. Select the Service you want to modify.
2. Modify the <Information> of service.
3. Modify the Event Filter.
4. Click the [] button.



Service Name	Status
SAMS	Fail to connect
Bosch	Active
Pro3000	Starting
Vista	Active
P2000	Fail to connect
Pro3200	Registered

Name	Value
Input Signal Occured	☒
Input Signal Released	☒
Input Disconnected	☒
Access Granted	☒
Access Denied	☒

DOOR STATUS / OPEN AND CLOSED

See status / open and closed of SAMS. (page 27)

CREATE DB TABLE

1. MSSQL is required to interface OPC to TS, please refer to the site.
2. Refer to the following script to create a DB table to installed MSSQL.



- The name of the DB table must be <SSM_EVENT>.

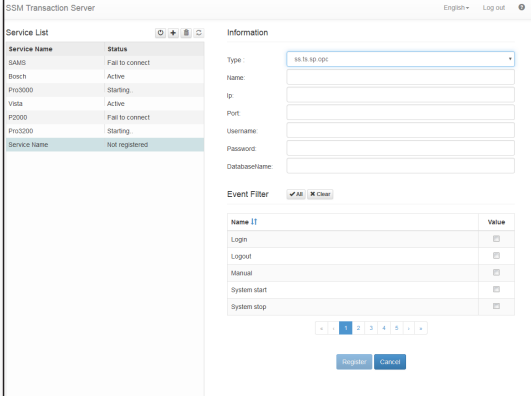
```
USE [SSM_OPC]
GO
/***** Object: Table [dbo].[SSM_EVENT]
Script Date: 08/31/2015 11:37:32 *****/
SET ANSI_NULLS ON
GO
SET QUOTED_IDENTIFIER ON
GO
SET ANSI_PADDING ON
GO
CREATE TABLE [dbo].[SSM_EVENT](
    [EVENTID] [int] IDENTITY(1,1) NOT NULL,
    [AREA] [varchar](max) NULL,
    [SOURCE] [nvarchar](max) NULL,
    [CATEGORY] [varchar](max) NULL,
    [MESSAGE] [varchar](max) NULL,
    [SEVERITY] [int] NULL,
    [TIMESTAMP] [varchar](max) NULL
) ON [PRIMARY]
GO
SET ANSI_PADDING OFF
GO
```

```
SELECT TOP 1000 [EVENTID]
, [AREA]
, [SOURCE]
, [CATEGORY]
, [MESSAGE]
, [SEVERITY]
, [TIMESTAMP]
FROM [SSM_OPC].[dbo].[SSM_EVENT] order by EVENTID
```

EVENTID	AREA	SOURCE	CATEGORY	MESSAGE	SEVERITY	TIMESTAMP
60	60	SSM AlarmOut01192.168.216.105-4520	SSM	ALARM_OUT...	500	20150831 11:21:47
61	61	SSM AlarmOut01192.168.216.105-4520	SSM	ALARM_OUT...	500	20150831 11:21:55
62	62	SSM Camera01192.168.216.105-4520	SSM	MOTION_DET...	500	20150831 11:21:58
63	63	SSM AlarmOut01192.168.216.105-4520	SSM	ALARM_OUT...	500	20150831 11:21:59
64	64	SSM AlarmOut01192.168.216.105-4520	SSM	ALARM_OUT...	500	20150831 11:22:07
65	65	SSM Camera01192.168.216.105-4520	SSM	MOTION_DET...	500	20150831 11:22:53
66	66	SSM AlarmOut01192.168.216.105-4520	SSM	ALARM_OUT...	500	20150831 11:22:53
67	67	SSM AlarmOut01192.168.216.105-4520	SSM	ALARM_OUT...	500	20150831 11:23:02
68	68	SSM Camera01192.168.216.105-4520	SSM	MOTION_DET...	500	20150831 11:23:31
69	69	SSM AlarmOut01192.168.216.105-4520	SSM	ALARM_OUT...	500	20150831 11:23:31
70	70	SSM AlarmOut01192.168.216.105-4520	SSM	ALARM_OUT...	500	20150831 11:23:40

REGISTRATION

1. Click the button [] on the top.
2. Enter the <Information> on you want to register the system.
 - **Type** : Select system type (ss.ts.sp.opc)
 - **Name** : Displayed Service name
 - **IP** : IP address of OPC database
 - **Port** : Port of OPC database
 - **Username** : User name of OPC database
 - **Password** : User password of OPC database
 - **DatabaseName** : Name of OPC database
3. Select the Event you want to receive and then Click on the [] button.
4. When the registration is completed, the "Status" of "Service List" displayed <Complete>.



Service Name	Status
SAMS	Fail to connect
Bosch	Active
Pro3000	Starting
Vista	Active
P2000	Fail to connect
Pro3200	Starting
OPC	Not registered

Information

Type:

Name:

IP:

Port:

Username:

Password:

DatabaseName:

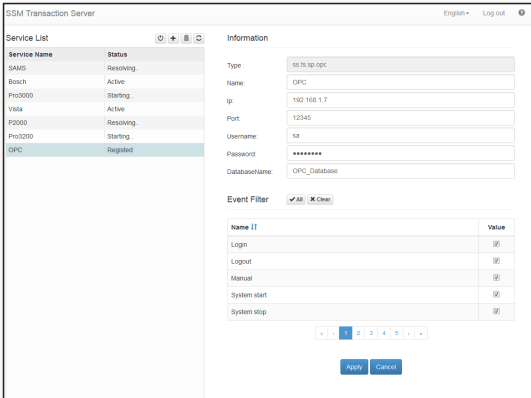
Event Filter

☒ All ☐ Clear

Name	Value
Login	☒
Logout	☒
Manual	☒
System start	☒
System stop	☒

MODIFY

1. Select the Service you want to modify.
2. Modify the <Information> of service.
3. Modify the Event Filter.
4. Click the [] button.



Service Name	Status
SAMS	Resolving
Bosch	Active
Pro3000	Starting
Vista	Active
P2000	Resolving
Pro3200	Starting
OPC	Registered

Information

Type:

Name:

IP:

Port:

Username:

Password:

DatabaseName:

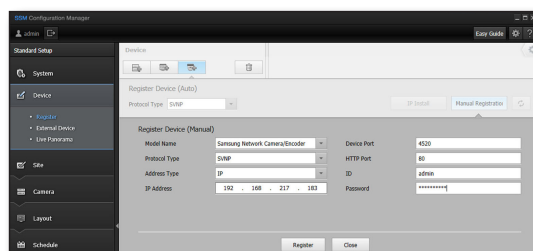
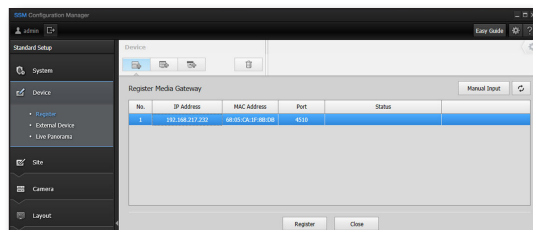
Event Filter

☒ All ☐ Clear

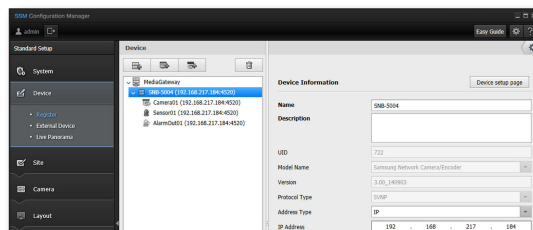
Name	Value
Login	☒
Logout	☒
Manual	☒
System start	☒
System stop	☒

REGISTERING A CAMERA

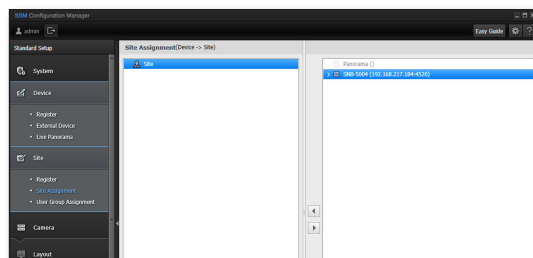
1. To inter-operate TS with savVi, SSM-MG and the camera that will be inter-operated must be registered.
2. You can check the list of compatible cameras on the following page.
 - Camera compatibility : http://www.agentvi.com/94-Support-240-Supported_Edge_Devices
3. Run the Configuration Manager of SSM, and click <Device> - <Register>. Click the [] button to add a Media Gateway.
4. Select the Media Gateway that has been registered and register a camera.



5. Click a device and channel of the camera registered to check the UID.



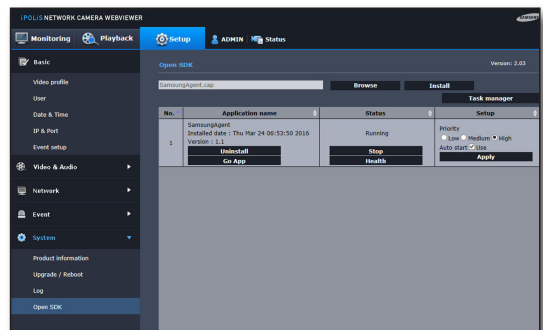
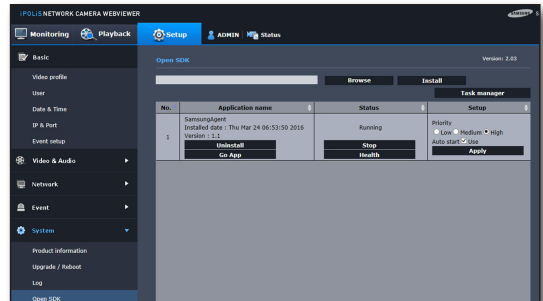
6. On <SSM> - <Configuration Manager>, select <Site> - <Site Assignment> menu.
7. Assign a site for the registered camera.



AgentVi savVi

CAMERA SETUP

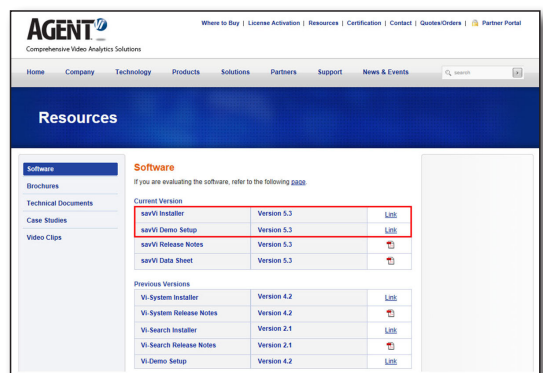
1. Access the setup page via the IP of the camera using the Internet browser.
2. Select <Setup> - <System> - <Open SDK> menu.
3. Select the Browse menu, install the SamsungAgent.cap file, select the Use Auto Start check box and click the [Apply] button.
4. Click the [Start] button on Status to operate the SDK.



INSTALLING AGENTVI SAVVI

1. To inter-operate TS with savVi, savVi Server needs to be installed, which requires a separate product and license purchase.
You can purchase the product via the website below.
 - Download Product – <http://www.agentvi.com/169-Downloads-167-Software>

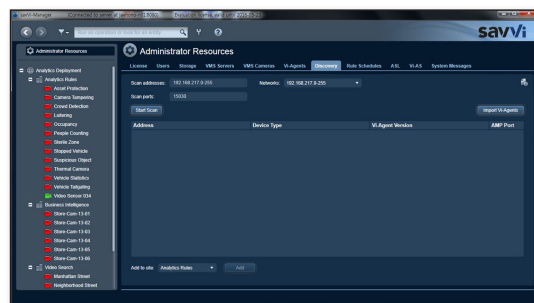
2. From the Download Product page, download and install the installation file.



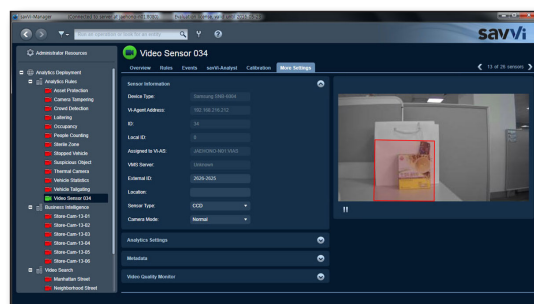
3. Run savVi-Manager and log in.
 - User – admin (Default value)
 - Password – Master (Default value)



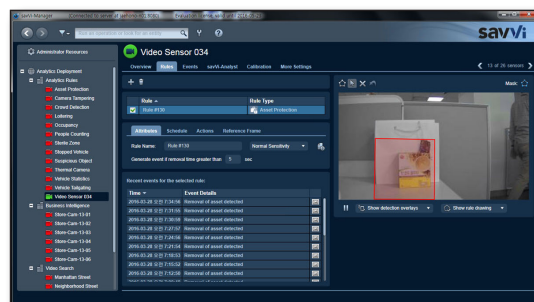
- Click **<Administrator Resources>** - **<Discovery>** menu, and register a camera set.



- In the tree on the left side, click a registered camera, and click the **<More Settings>** menu.
- Move to **<Sensor Information>** - **<External ID>** and enter a value for ChannelUID-DeviceUID.



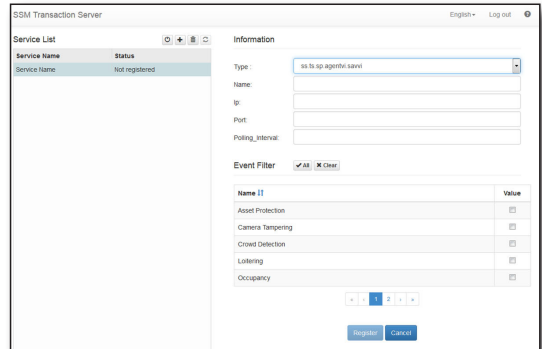
- Click **<Administrator Resources>** - **<Rules>** to set an event to generate.
 - For more information, please see the AgentVi manual.



AgentVi savVi

REGISTRATION

1. Run <SSM> - <Configuration Manager> to register a TS.
2. Click on the Open Device Web Page button to run the TS web.
3. Click the [] button at the top of the web page.
4. Enter the <Information> on you want to register the system.
 - **Type** : Select system type (ss.ts.agentvi.savvi)
 - **Name** : Displayed Service name
 - **IP** : AgentVi savVi service IP address
 - **Port** : AgentVi savVi service port (Default : 8080)
 - **Polling Interval** : Event falling cycle (unit: seconds, 2 seconds recommended)
5. Select the Event you want to receive and then Click on the [] button.
6. When the registration is completed, the "Status" of "Service List" displayed <Complete>.



SSM Transaction Server

English Log out

Service Name	Status
Service Name	not registered

Information

Type: ss.ts.sp.agentvi.savvi

Name:

IP:

Port:

Polling Interval:

Event Filter

☒ All ☐ Clear

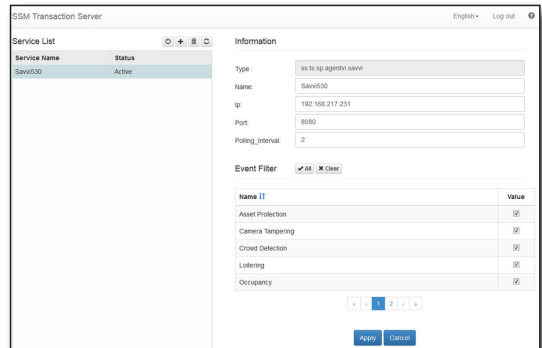
Name	Value
Asset Protection	☐
Camera Tampering	☐
Crowd Detection	☐
Loitering	☐
Occupancy	☐



MODIFY

1. Select the Service you want to modify.
2. Modify the <Information> of service.
3. Modify the Event Filter.
4. Click the [] button.



SSM Transaction Server

English Log out

Service Name	Status
Savvi50	Active

Information

Type: ss.ts.sp.agentvi.savvi

Name: Savvi50

IP: 192.168.217.231

Port: 8080

Polling Interval: 2

Event Filter

☒ All ☐ Clear

Name	Value
Asset Protection	☒
Camera Tampering	☒
Crowd Detection	☒
Loitering	☒
Occupancy	☒



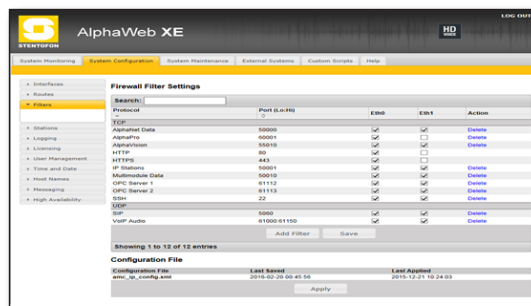
 

Stentofon XE1

- The plugin must be installed.

STENTOFON XE1 SETUP

1. Connect to Stentofon XE1 server.
 - **IP** : 169.254.1.1 (Default value)
 - **Account** : admin (Default value)
 - **Password** : alphaadmin (Default value)
2. Select “**System Configuration > Filters**”.
3. Click 'accept' the firewall for OPC Servers 1 and 2.

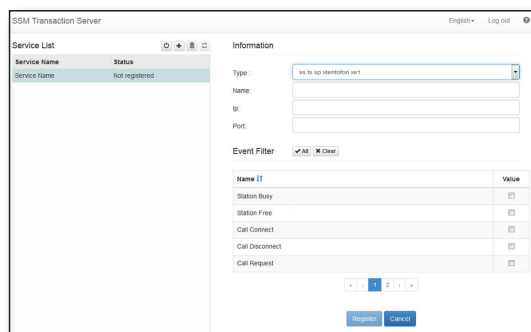


REGISTSTENTOFONGAC INSTALLATION

1. It is necessary to install RegistStentofonGAC to interwork TS with Stentofon XE1.
 - **RegistStentofonGAC** : Installed with TS
2. After RegistStentofonGAC installation, TS service should be re-initiated.

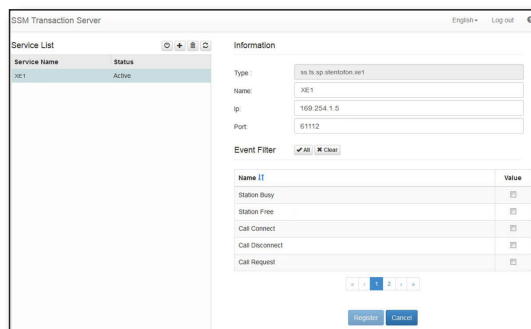
REGISTRATION

1. Click the button [] on the top.
2. Enter the <**Information**> on you want to register the system.
 - **Type** : Select system type (ss.ts.stentofon.xe1)
 - **Name** : Displayed Service name
 - **IP** : XE1 Server IP address
 - **Port** : XE1 OPC Server port (61112 or 61113)
3. Select the Event you want to receive and then Click on the [] button.
4. When the registration is completed, the “Status” of “Service List” displayed <**Complete**>.



MODIFY

1. Select the Service you want to modify.
2. Modify the <**Information**> of service.
3. Modify the Event Filter.
4. Click the [] button.



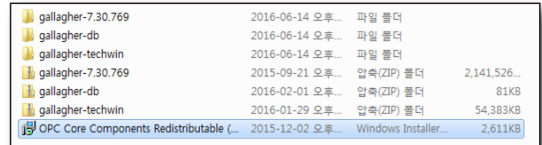
Gallagher CCFT

- Gallagher Command Centre and TS should be installed the same PC.
- The plugin must be installed.

INSTALLATION OF MANDATORY PROGRAMS

1. OPC core components Installation

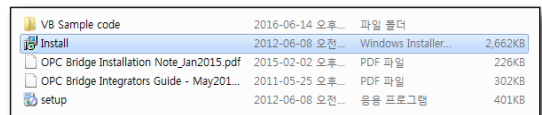
Execute the file [./OPC Core Components Redistributable (x86).msi].



gallagher-7.30.769	2016-06-14 오후...	파일 폴더	
gallagher-db	2016-06-14 오후...	파일 폴더	
gallagher-techwin	2016-06-14 오후...	파일 폴더	
gallagher-7.30.769	2015-09-21 오후...	압축(ZIP) 폴더	2,141,526...
gallagher-db	2016-02-01 오후...	압축(ZIP) 폴더	81KB
gallagher-techwin	2016-01-29 오후...	압축(ZIP) 폴더	54,383KB
OPC Core Components Redistributable (...)	2015-12-02 오후...	Windows Installer...	2,611KB

2. OPC Bridge Installation

Execute the file [./gallagher-7.30.769/OPC/OPC Bridge 7.0.0.3/Install.msi] in the folder of Gallagher Command Centre.



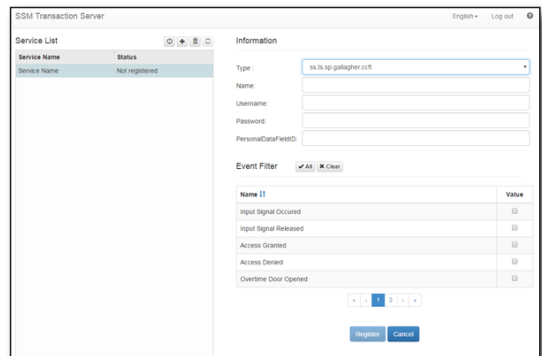
VB Sample code	2016-06-14 오후...	파일 폴더	
Install	2012-06-08 오전...	Windows Installer...	2,662KB
OPC Bridge Installation Note_Jan2015.pdf	2015-02-02 오후...	PDF 파일	226KB
OPC Bridge Integrators Guide - May201...	2011-05-25 오후...	PDF 파일	302KB
setup	2012-06-08 오전...	응용 프로그램	401KB

REGISTRATION

1. Click the button [] on the top.

2. Enter the <Information> on you want to register the system.

- **Type** : Select system type (ss.ts.sp.gallagher.ccft)
 - **Name** : Displayed Service name
 - **Username** : User name of Gallagher database
 - **Password** : User password of Gallagher database
 - **PersonalDataFieldID** : PersonalDataFieldID of registered photo
- User name, password, and PersonalDataFieldID are entered only when photo information is used. Refer to "User photo setup". (page 47)



SSM Transaction Server

Service List

Service Name	Status
Service Name	Not registered

Information

Type: ss.ts.sp.gallagher.ccft

Name:

Username:

Password:

PersonalDataFieldID:

Event Filter: ☒ All ☐ Clear

Name	Value
Input Signal Occured	☐
Input Signal Released	☐
Access Granted	☐
Access Denied	☐
Overtime Door Opened	☐

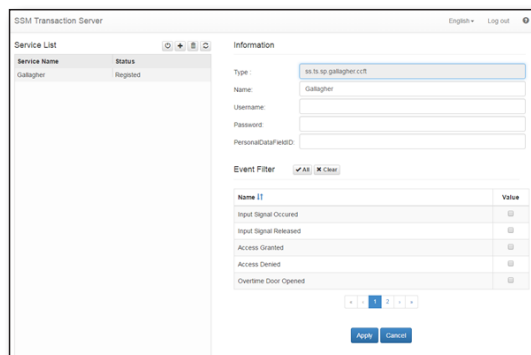
Register Cancel

3. Select the Event you want to receive and then Click on the [] button.

4. When the registration is completed, the "Status" of "Service List" displayed <Complete>.

MODIFY

1. Select the Service you want to modify.
2. Modify the <Information> of service.
3. Modify the Event Filter.
4. Click the [] button.



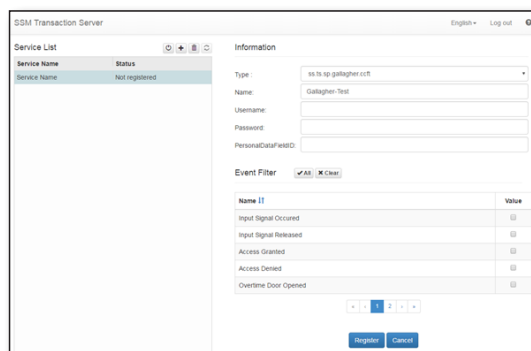
The screenshot shows the 'SSM Transaction Server' application window. On the left, the 'Service List' table has one entry: 'Gallagher' with status 'Registered'. The main area is the 'Information' tab for the selected service. It contains fields for 'Type' (set to 'ss://ip.gallagher.ccft'), 'Name' (set to 'Gallagher'), 'Username', 'Password', and 'PersonalDataFileID'. Below these is the 'Event Filter' section with a table of events and their values. The table has columns 'Name' and 'Value'. The events listed are 'Input Signal Occurred', 'Input Signal Released', 'Access Granted', 'Access Denied', and 'Overtime Door Opened'. Each event has a corresponding value field. At the bottom right, there are 'Apply' and 'Cancel' buttons.

DOOR STATUS / OPEN AND CLOSED

See status / open and closed of SAMS. (page 27)

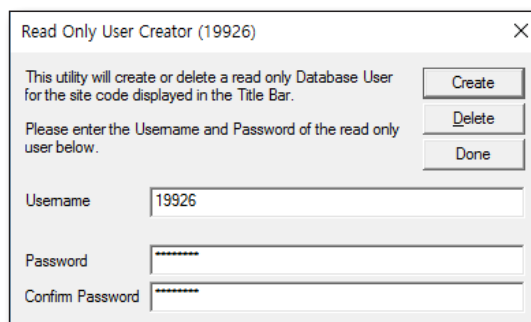
USER PHOTO SETUP

1. When Card user's photo is not seen, only [Name] should be set.



The screenshot shows the 'SSM Transaction Server' application window. The 'Service List' table on the left shows 'Gallagher-Test' with status 'Not registered'. The 'Information' tab is active, showing fields for 'Type' (set to 'ss://ip.gallagher.ccft'), 'Name' (set to 'Gallagher-Test'), 'Username', 'Password', and 'PersonalDataFileID'. The 'Event Filter' section is also visible, showing a table of events and their values. At the bottom right, there are 'Register' and 'Cancel' buttons.

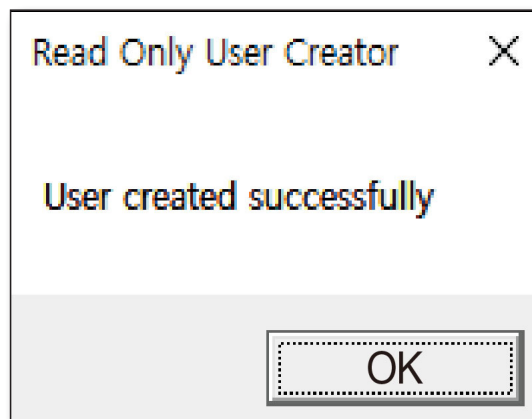
2. When one wants to view a Card user's photo, the Gallagher database user setup program is needed. Execute the file [./gallagher-db/User_19926.exe]. After [19926] is entered as [Username] and its password is set, select [Create].



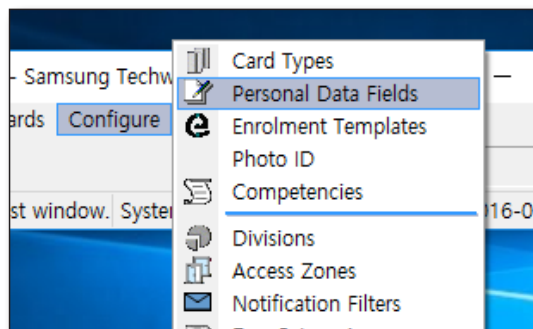
The screenshot shows the 'Read Only User Creator (19926)' dialog box. It contains a message: 'This utility will create or delete a read only Database User for the site code displayed in the Title Bar.' Below this, it says 'Please enter the Username and Password of the read only user below.' There are three input fields: 'Username' (containing '19926'), 'Password' (masked with asterisks), and 'Confirm Password' (masked with asterisks). On the right side, there are three buttons: 'Create', 'Delete', and 'Done'.

Gallagher CCFT

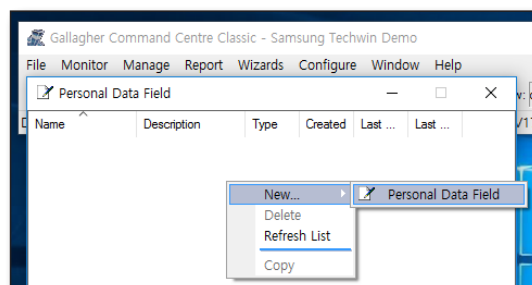
3. Check the completion message.



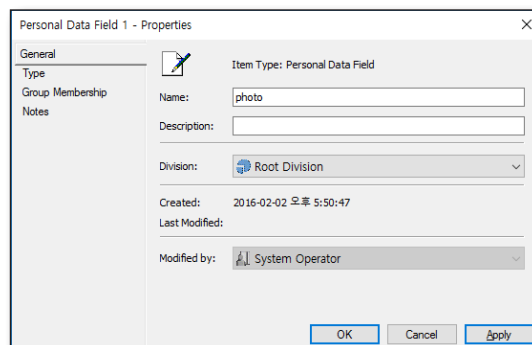
4. Execute [Command Centre Classic] on the Desktop screen.
Select [Configure] > [Personal Data Fields].



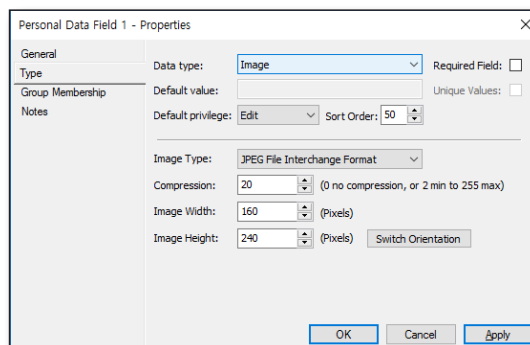
5. Right-click, then select [New...] > [Personal Data Field].



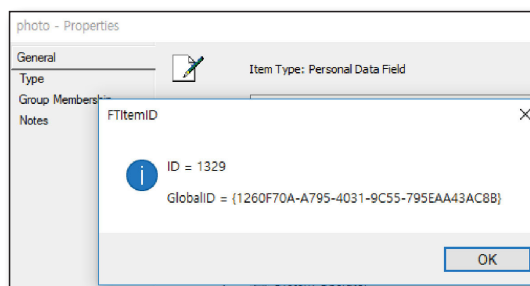
6. Setup a name using [General] > [Name].



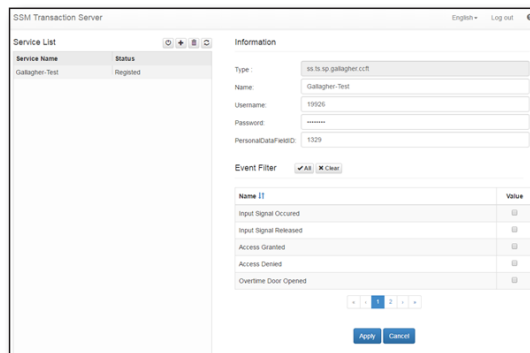
7. Select [Image] using [Type] > [Data style].
[Image Type] configures [JPEG File Interchange Format], and [Bitmap] is not supported.



8. Press [Icon] by [Ctrl] + [Double click] from [General], and check ID.
This ID value should be entered into [PersonalDataFieldID] by TS-SP setup.



9. After DB connection information (User name and password) and PersonalDataFieldID are entered, click the [Register] button.

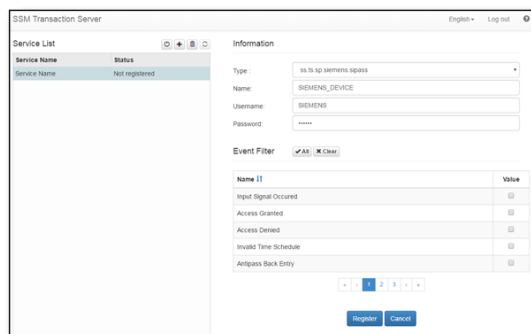


Siemens

- Transaction Server is installed on the same PC as Siemens SiPass server.
- The plugin must be installed.

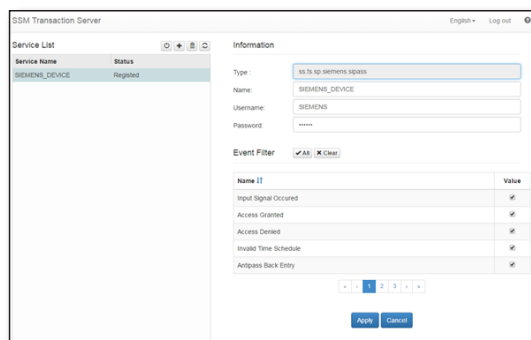
REGISTRATION

1. Click the button [] on the top.
2. Enter the <Information> on you want to register the system.
 - **Type** : Select system type (ss.ts.sp.siemens.sipass)
 - **Name** : Displayed Service name
 - **Username** : Siemens ID (SIEMENS)
 - **Password** : Siemens PW (spirit)
3. Select the Event you want to receive and then Click on the [] button.
4. When the registration is completed, the "Status" of "Service List" displayed <Complete>.



MODIFY

1. Select the Service you want to modify.
2. Modify the <Information> of service.
3. Modify the Event Filter.
4. Click the [] button.



DOOR STATUS / OPEN AND CLOSED

See status / open and closed of SAMS. (page 27)

Appendix

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ini4j	Apache License 2.0	
Apache ActiveMQ	Apache License 2.0	
Apache Jakarta Commons HttpClient	Apache License 2.0	
Apache Shiro	Apache License 2.0	
json-simple	Apache License 2.0	
crypto-js	BSD 3-clause "New" or "Revised" License	BSD 3.0
rjack-jdbc-postgres	BSD 3-clause "New" or "Revised" License	BSD 3.0
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jersey-bundle	Common Development and Distribution License 1.1	CDDL 1.1
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javastruct	GNU Lesser General Public License v2.1 or later	LGPL
jna	GNU Lesser General Public License v2.1 or later	LGPL
Logback	GNU Lesser General Public License v2.1 or later	LGPL
AngularJS	MIT License	
Bootstrap	MIT License	
ng-grid	MIT License	
SLF4J	MIT License	
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Eclipse Trader	Eclipse Public License 1.0	EPL 1.0
Eclipse Equinox	Eclipse Public License 1.0	EPL 1.0

Apache License

Version 2.0, January 2004

We used the Bootstrap, jquery Atmosphere, Spring Framework, Apache Tiles, Apache XML-RPC, Apache WS Common Utilities, Apache POI, MyBatis, Tomcat 7 in our application and we did not modify the source code.

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Appendix

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