

Transaction Server

제품 사용 설명서

VER 1.60

Transaction Server

제품 사용 설명서

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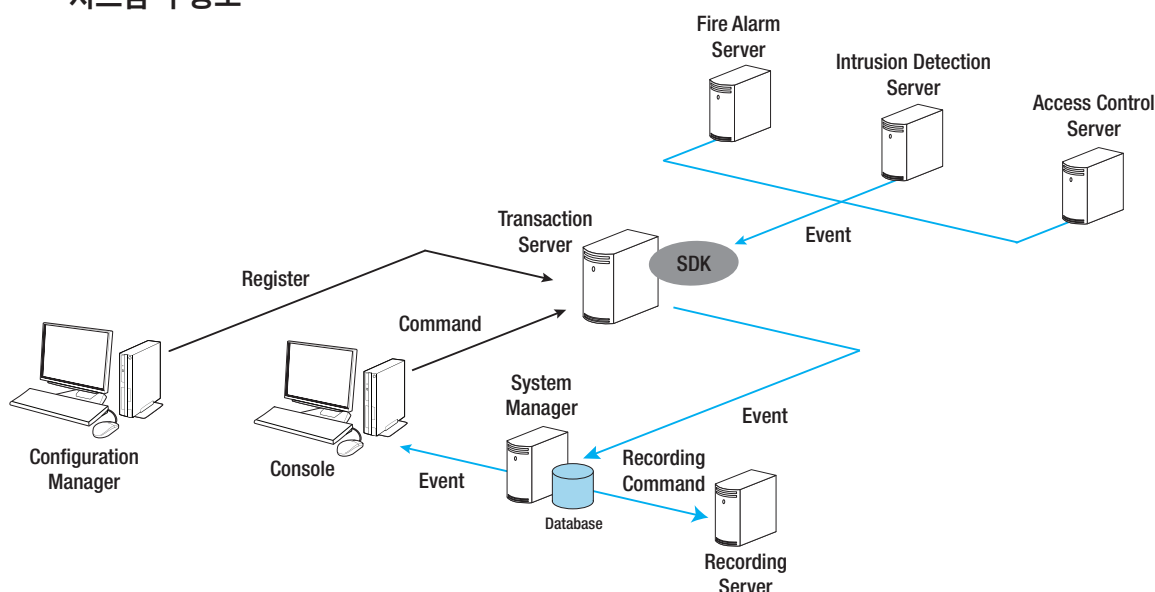
개요

설치하기 전에

Transaction Server란?

본 매뉴얼은 SSM과 외부시스템의 인터페이스를 위한 Transaction Server 프로그램의 사용 설명서입니다. Transaction Server는 SSM의 Configuration Manager에서 등록하며, 등록 후 웹 페이지를 통해 외부시스템을 서비스 형태로 등록합니다. Transaction Server는 등록된 외부시스템에서 발생하는 이벤트를 Console에 전달하며, Console에서 발생하는 상황을 외부시스템에 전달합니다. 발생한 이벤트는 SSM System Manager의 Database에 저장됩니다.

시스템 구성도



소프트웨어 버전 확인

버전	상세 내용
TS_v1.30.0_20140530	연동 제품 : SAMSUNG SAMS, BOSCH IP7400XI
TS_v1.31.0_20140916	연동 제품 : SAMSUNG SAMS, BOSCH IP7400XI Honeywell PRO3000, VISTA
TS_v1.31.2_20150116	연동 제품 : JCI P2000
TS_v1.40.0_20151023	연동 제품 : SAMSUNG SAMS, BOSCH IP7400XI Honeywell PRO3000/3200, VISTA JCI P2000, OPC
TS_v1.50.0_20160426	연동 제품 : SAMSUNG SAMS, BOSCH IP7400XI Honeywell PRO3000/3200 JCI P2000, OPC, AgentVi Savvi
TS_v1.60.0_20161209	연동 제품 : 기본 설치 : SAMSUNG SAMS, BOSCH IP7400, Honeywell PRO3000/3200, JCI P2000, OPC, AgentVi Savvi Plugin 설치 : STENTOFON XE1, GALLAGHER CCFT, SIEMENS SIPASS

시스템 요구사항

SSM-TS 설치에 아래와 같은 사양을 만족해야 합니다.

시스템	권장사양	CPU : Intel Core i7-4770 @ 3.40GHz, RAM 4GB 이상, 비디오 메모리 1GB이상
	최소사양	CPU : Intel Core i5-4670 @ 3.40GHz, RAM 2GB 이상, 비디오 메모리 512MB 이상
	웹 브라우저	IE 9/10/11, FireFox 20, Chrome 26 이상
	운영체제	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 단, SAMS의 경우 Windows Server OS는 미지원함.

서비스 타입

지원 가능한 서비스 타입
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)

개요

이벤트 타입

	이벤트	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

	이벤트	Bosch IP7400	Honeywell VISTA128
Intrusion Detection Events	BURGLARY_ALARM	v	v

	이벤트	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

개요

	이벤트	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

	이벤트	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

개요

	이벤트	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

	이벤트	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

개요

	이벤트	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

	이벤트	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

	이벤트	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

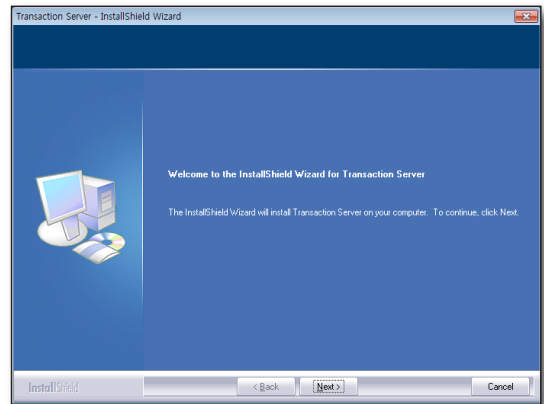
기능보기

	상세 내용
이벤트 액션 실행 (Console)	1. 프리셋, 투어 시작하기
	2. 릴레이 활성화
	3. 이메일 보내기
	4. 사운드 활성화
	5. 인스턴트 뷰어 팝업 및 녹화 영상 출력
	6. 메시지 팝업
맵 (Console)	1. 문 상태 (열기/닫기)
	2. 알람 / 센서 상태
	3. I/O 포인트 제어
	4. 문 열기/닫기
이벤트 액션 실행 (Virtual Matrix)	1. 모니터 스팟 시작하기
	2. 월 스팟 시작하기
	3. 타일 스팟 시작하기

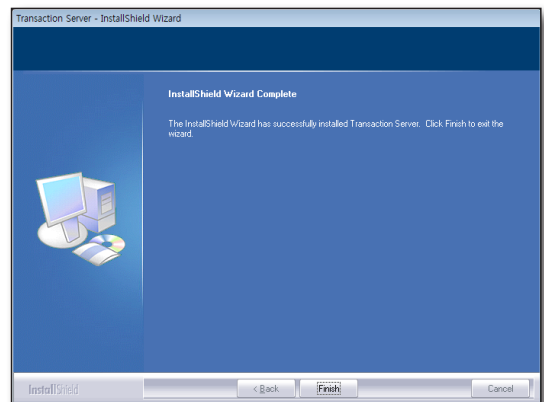
설치

설치하기

1. “SSM-TS_v1.x_yyyymmdd.exe”를 더블 클릭하세요.



2. [Finish]를 클릭하여 설치를 완료하세요.

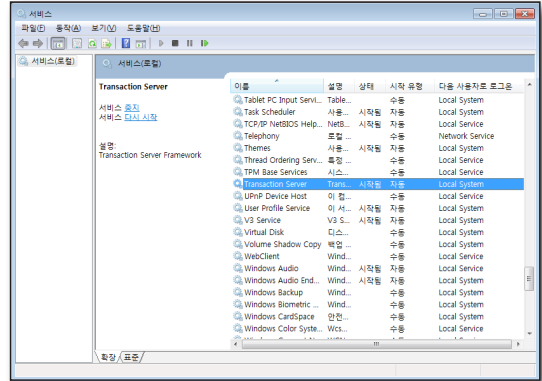


시작하기

설치 결과 확인하기

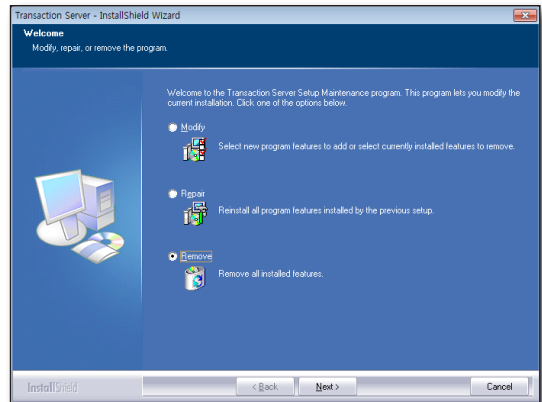
설치 완료 후 Transaction Server가 성공적으로 설치되었는지 확인하세요.

1. 윈도우 <제어판> - <관리도구> - <서비스>를 실행하세요.
2. 목록에서 <Transaction Server> 항목이 “**시작됨/자동**”으로 설정되었는지 확인하세요.

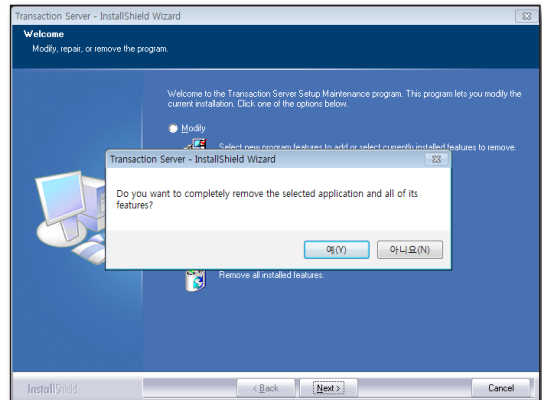


삭제하기

1. “SSM-TS_v1.x_yyyymmdd.exe”를 더블 클릭하세요.

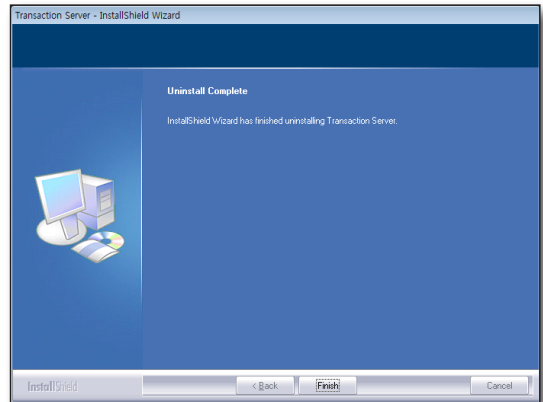


2. [예(Y)]를 클릭하세요.



시작하기

3. [Finish]를 클릭하여 삭제를 완료하세요.



삭제 결과 확인하기

삭제 완료 후 Transaction Server가 성공적으로 삭제되었는지 확인하세요.

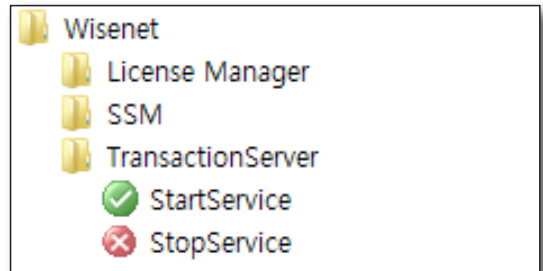
1. 윈도우 <제어판> - <관리도구> - <서비스>를 실행하세요.
2. 목록에서 <Transaction Server> 항목이 삭제된 것을 확인하세요.

TRANSACTION SERVER 시작/정지하기

Transaction Server의 서비스를 시작 또는 정지하려면 아래 순서로 동작하세요.

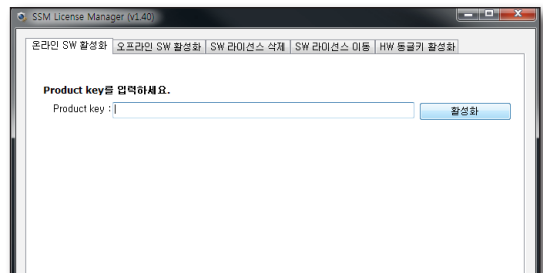
1. 윈도우 <시작> - <모든 프로그램> - <Wisenet> - <TransactionServer>를 실행하세요.
2. <StartService> 또는 <StopService>를 클릭하세요.

- PC의 IP를 변경한 경우 <Transaction Server>를 정지 후 다시 시작해야 합니다.



라이선스 등록하기

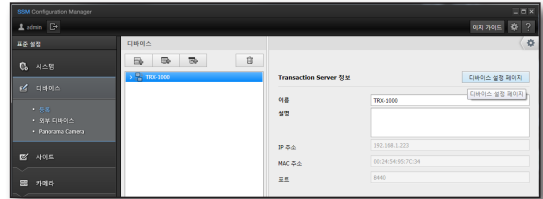
1. Transaction Server를 정상적으로 사용하기 위해서 다음과 같은 라이선스가 필요합니다.
 - **SSM Enterprise** 이상 - SSM-SM이 설치된 PC에서 활성화
 - **SSM-TS** - Transaction Server가 설치된 PC에서 활성화
2. 윈도우 <시작> - <모든 프로그램> - <Wisenet> - <License Manager>를 실행하세요.
3. Product Key 입력 후 [**활성화**] 버튼을 클릭하세요.



Transaction Server

로그인

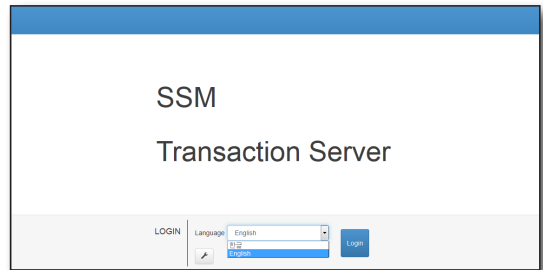
1. <SSM> - <Configuration Manager>의 <디바이스> - <등록> 탭의 [디바이스 설정 페이지] 버튼을 클릭하면 브라우저가 실행되며, 로그인 창이 표시됩니다.



2. 로그인하기 위해서는 언어를 선택하고 [Login] 버튼을 클릭하세요. (기본값 : 영어)

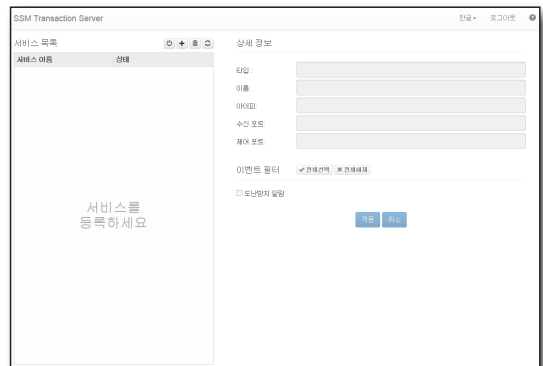


- Internet Explorer를 사용하여 접속할 시, 다음 설정을 확인해야 합니다.
 - 인터넷 옵션 > 일반 > 검색 기록 설정 > 임시 인터넷 파일
 - 저장된 페이지의 새 버전 확인 : 웹 페이지를 열 때마다(E)



로그아웃

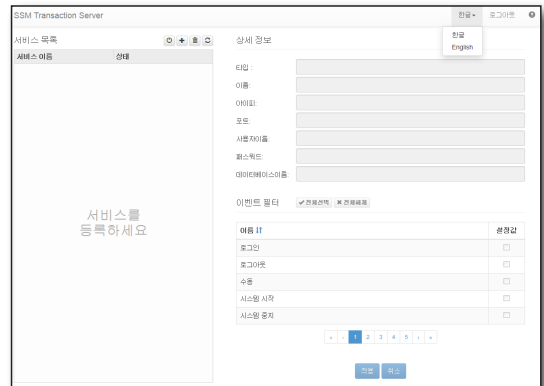
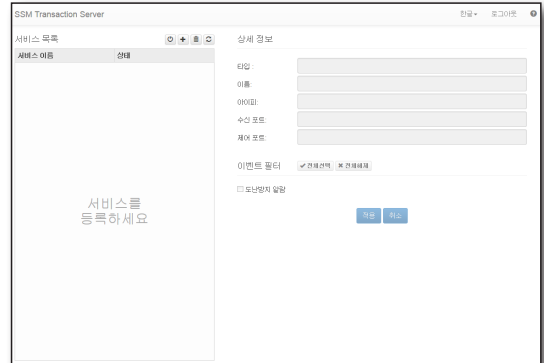
상단의 [로그아웃] 버튼을 클릭하세요.



Transaction Server

언어 변경

상단 [한글] 버튼을 클릭하여 표시 언어를 변경하세요.



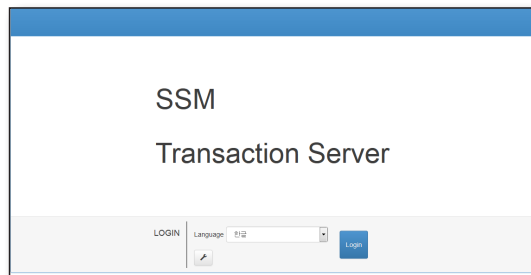
버전 정보

상단 [?] 버튼을 클릭하여 버전 정보를 확인하세요.



등록하기

1. Transaction Server를 설치 후 “http://localhost:8440/web/index.html”에 접속하세요.
2. 표시된 페이지에서 [] 버튼을 클릭하세요.

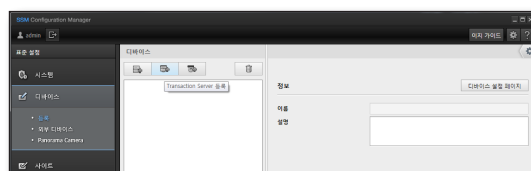


3. Transaction Server의 IP 주소, MAC, Web Port를 입력하세요.
4. [적용] 버튼을 클릭하여 Transaction Server 설정을 저장하세요.

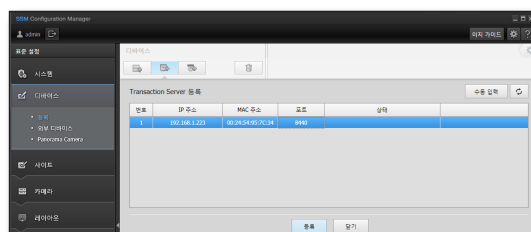


- 설정을 변경한 경우, Transaction Server 서비스를 재시작해야 합니다.

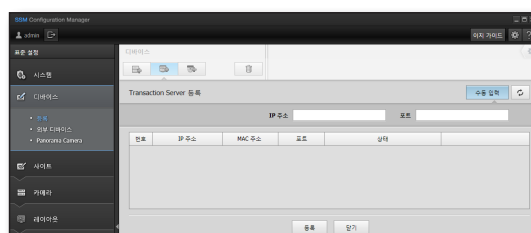
5. “SSM”의 Configuration Manager를 실행시켜 <디바이스> - <등록>을 클릭하세요.
6. 상단의 [] 버튼을 클릭하세요.



7. 자동 검색된 목록 중 등록하려는 디바이스를 선택하고 [등록] 버튼을 클릭하세요.



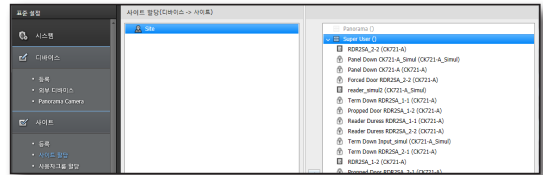
8. 등록하려는 디바이스가 검색되지 않는 경우 [수동 입력] 버튼을 클릭하세요.
Transaction Server의 <설정> 창에서 설정한 IP 주소, 포트를 입력 후 [등록] 버튼을 클릭하세요.



Transaction Server

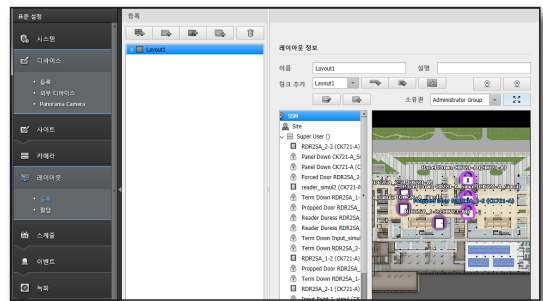
사이트 할당

<사이트> - <사이트 할당>, <사용자그룹 할당>에서 사이트 및 사용자그룹을 할당하세요.



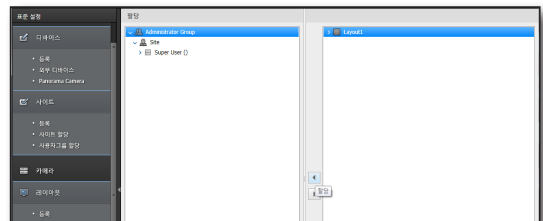
레이아웃 등록

1. <레이아웃> - <등록> 메뉴를 클릭하세요.
2. 표시된 메뉴를 이용하여 레이아웃을 등록하세요.



레이아웃 할당

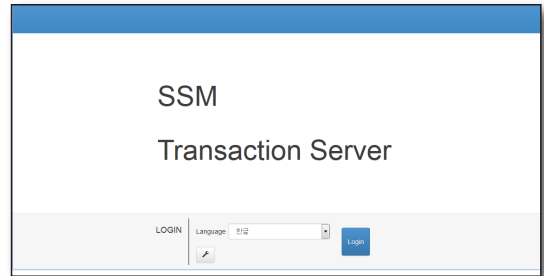
1. <레이아웃> - <할당> 메뉴를 클릭하세요.
2. 레이아웃을 표시하려는 사이트에 등록된 레이아웃을 할당하세요.



등록정보

TRANSACTION SERVER 설정

1. 로그인 창에서 [] 버튼을 클릭하세요.



2. Transaction Server의 IP 주소, MAC, 웹 Port를 입력하세요.
3. [적용] 버튼을 클릭하여 Transaction Server 설정을 저장하세요.
4. [취소] 버튼을 클릭하면 로그인 창이 표시됩니다.



Transaction Server 기본 웹 Port: 8440

설정

아이피 :

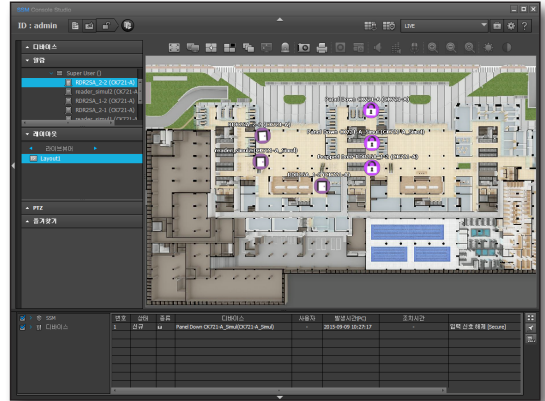
MAC :

포트 :

이벤트

이벤트 발생

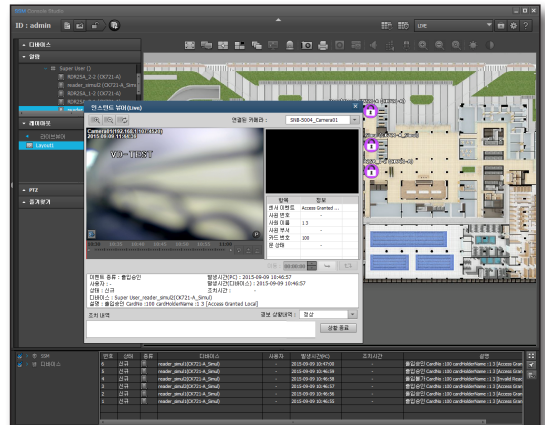
1. Transaction Server에 등록된 장비에서 이벤트가 발생할 경우, <SSM> - <Console>의 실시간 이벤트 탭에 발생한 이벤트가 표시됩니다.



2. 이벤트 액션을 인스턴트 뷰어로 설정한 경우 팝업 창으로 표시됩니다.



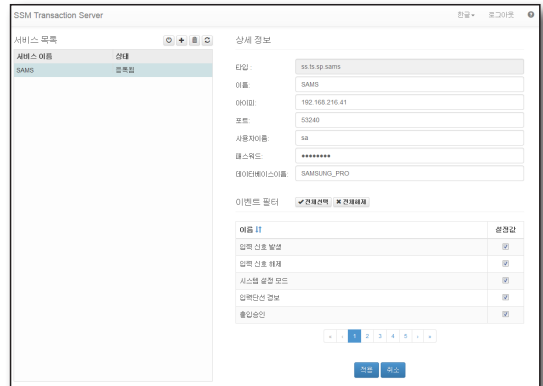
- 카드사용자의 사진크기가 1MB 이상인 경우 표출되지 않을 수 있습니다.



서비스

서비스 삭제

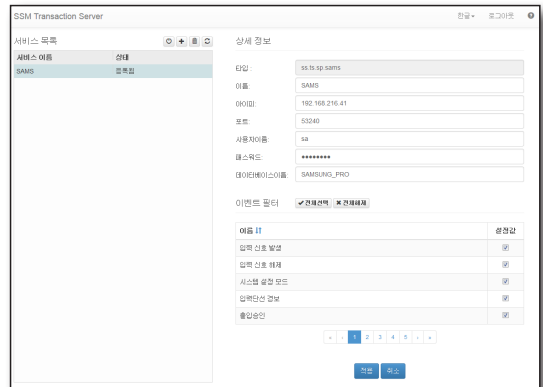
삭제하려는 서비스를 선택 후, [] 버튼을 클릭하세요.



서비스 상태 보기

서비스의 상태를 갱신합니다.

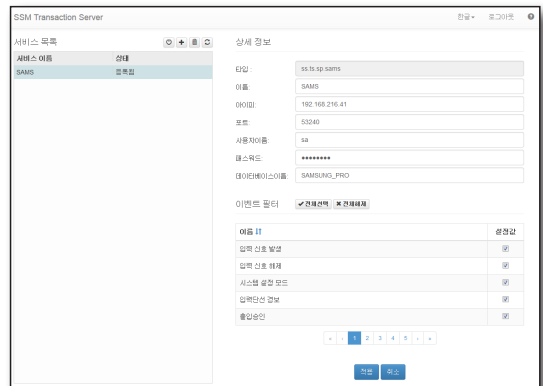
1. [] 버튼을 클릭하세요.
2. 다음과 같이 서비스의 상태가 표시됩니다.
 - **등록되지 않음** : 서비스를 TS로 등록하는 중.
 - **등록됨** : 서비스가 TS 서비스 목록에 등록됨.
 - **시작중** : 등록된 서비스가 정상 동작하기 위해 연결 시도중.
 - **동작** : 등록된 서비스가 연결 성공.
 - **재시작** : 서비스 재시작 중.
 - **삭제중** : 서비스를 TS 서비스 목록에서 삭제 중.
 - **접속실패** : 등록된 TS 서비스 정보가 올바르지 않거나, 접속 불가능인 상태.



서비스 재시작

서비스의 등록된 장비 정보가 변경된 경우, 서비스를 재시작합니다.

1. [] 버튼을 클릭하세요.
2. 팝업 창의 [OK] 버튼을 클릭하세요.
3. 서비스 목록의 상태가 <재시작>으로 변경됩니다.



등록하기

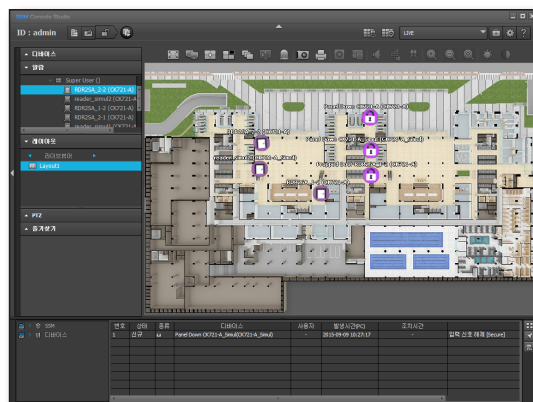
1. 상단의 [**+**] 버튼을 클릭하세요.
2. <상세 정보>의 등록하려는 시스템의 정보를 입력하세요.
 - 타입 : 시스템의 종류 선택 (ss.ts.sp.sams)
 - 이름 : 등록 후 표시될 서비스 이름
 - 아이피 : 시스템의 IP 주소(XXX.XXX.XXX.XXX)
 - 포트 : 시스템의 포트
 - 사용자이름 : 시스템 데이터베이스의 사용자이름
 - 패스워드 : 시스템 데이터베이스의 비밀번호
 - 데이터베이스이름 : 시스템 데이터베이스의 이름
3. 수신하려는 이벤트를 선택 후 [등록] 버튼을 클릭하세요.
4. 등록이 완료되면 서비스 목록의 상태가 <등록됨>으로 표시됩니다.

변경하기

1. 변경하려는 서비스를 선택하세요.
2. <상세 정보>의 시스템 정보를 수정하세요.
3. 이벤트 필터 정보를 수정하세요.
4. [**적용**] 버튼을 클릭하세요.

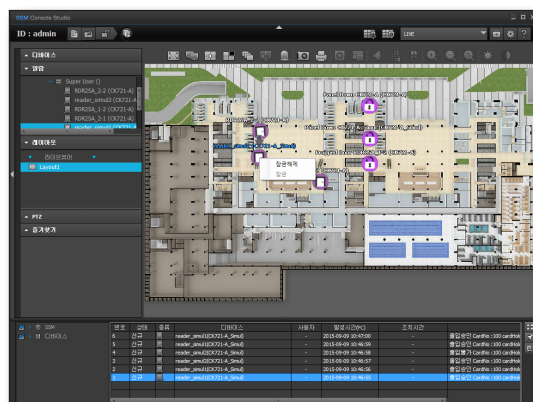
DOOR 상태 표시

1. <SSM> - <Console>의 디바이스 탭에 등록된 Transaction Server 및 레이아웃이 표시됩니다.
2. Door 현재 상태가 레이아웃에 표시됩니다.



DOOR 열고 닫기

1. <알람> 탭의 표시된 Door 명을 선택 후 마우스 오른쪽 버튼을 클릭하세요.
2. 표시된 메뉴에서 <잠금해제>, <잠금>을 선택하세요.



BOSCH IP7400XI

등록하기

1. 상단의 [+] 버튼을 클릭하세요.
2. <상세 정보>의 등록하려는 시스템의 정보를 입력하세요.
 - 타입 : 시스템의 종류 선택 (ss.ts.sp.bosch.ip7400xi)
 - 이름 : 등록 후 표시될 서비스 이름
 - 아이피 : 시스템의 IP 주소 (xxx.xxx.xxx.xxx)
 - 포트 : 시스템의 포트
3. 수신하려는 이벤트를 선택 후 [등록] 버튼을 클릭하세요.
4. 등록이 완료되면 서비스 목록의 상태가 <등록됨>으로 표시됩니다.

The screenshot shows the 'SDM Transaction Server' interface. On the left, the '서비스 목록' (Service List) table has two rows: 'SAMS' with status '관리상태' and 'Bosch' with status '등록되지 않음'. The '상세 정보' (Detailed Information) form on the right is for 'ss.ts.sp.bosch.ip7400xi'. It includes fields for '타입' (Type), '이름' (Name), '아이피' (IP), and '포트' (Port). Below these are checkboxes for '이벤트 필터' (Event Filter) with options '전체선택' (Selected) and '복원상태' (Restored). At the bottom are '등록' (Register) and '취소' (Cancel) buttons.

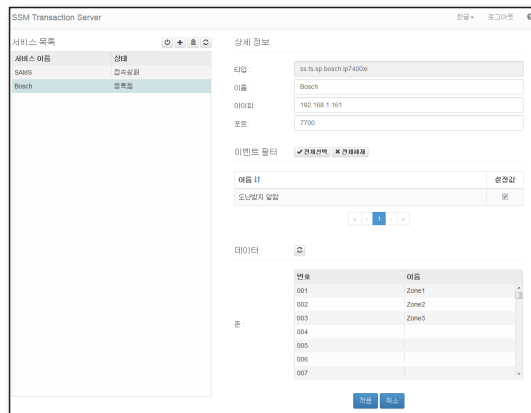
변경하기

1. 변경하려는 서비스를 선택하세요.
2. <상세 정보>의 시스템 정보를 수정하세요.
3. 이벤트 필터 정보를 수정하세요.
4. [적용] 버튼을 클릭하세요.

The screenshot shows the 'SDM Transaction Server' interface with the 'Bosch' service selected in the '서비스 목록' table. The '상세 정보' form shows the current configuration for 'ss.ts.sp.bosch.ip7400xi'. Below the main form, there is a '데이터' (Data) section with a table for '이벤트' (Event) and '이름' (Name). The table has 7 rows with values: 001 Zone1, 002 Zone2, 003 Zone3, 004, 005, 006, and 007. At the bottom are '적용' (Apply) and '취소' (Cancel) buttons.

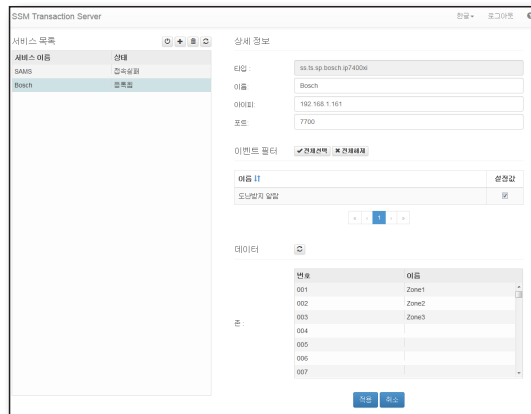
존 정보 변경하기

1. 변경하려는 서비스를 선택하세요.
2. 이름 칸을 클릭 후, 정보를 입력하세요. (최대 40자)
3. [적용] 버튼을 클릭하세요.



존 정보 새로고침

1. 새로고침하려는 서비스를 선택하세요.
2. [새로고침] 버튼을 클릭하세요.



Honeywell PRO3000

WIN-PAK API 설치

1. TS와 PRO3000을 연동하기 위해서는 WIN-PAK API가 필요하며, 별도로 구매해야 합니다.
2. WIN-PAK SE-PE API.exe 파일을 클릭하여 API를 설치하세요.
3. WIN-PAK SE-PE API는 다음과 같이 각각 설치해야 합니다.
 - **WIN-PAK Comm Client API** : TS와 동일한 PC에 설치
 - **WIN-PAK Database Client API** : TS와 동일한 PC에 설치
 - **WIN-PAK Comm Server API** : WIN-PAK과 동일한 PC에 설치
 - **WIN-PAK Database Server API** : WIN-PAK과 동일한 PC에 설치



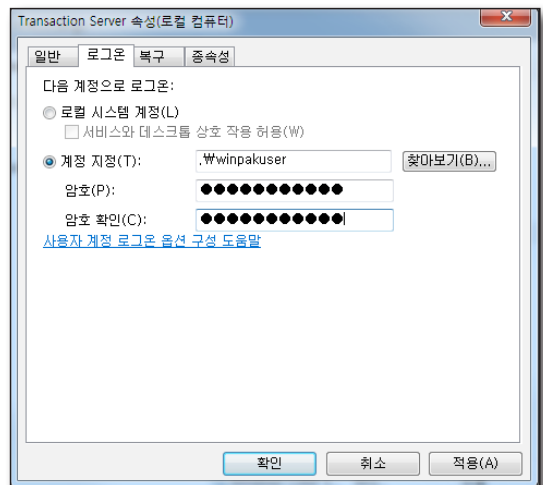
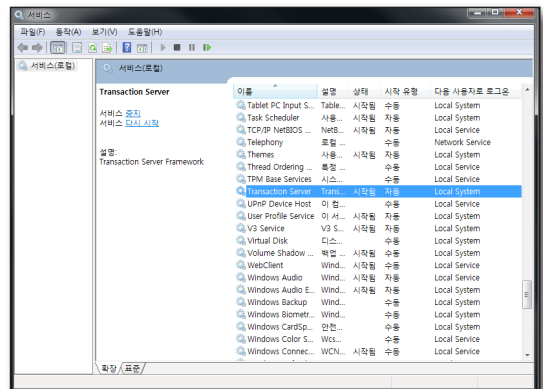
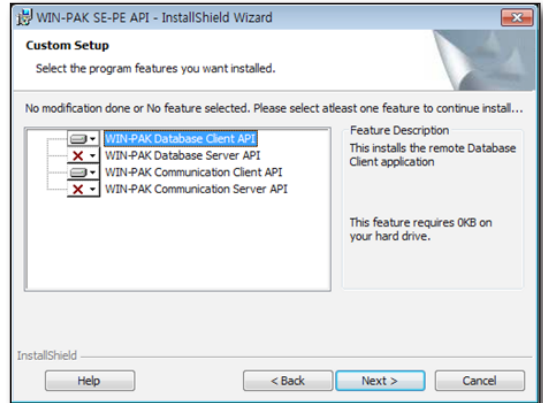
▪ Server와 Client API가 동일한 PC에 설치되지 않도록 주의하세요.



▪ WIN-PAK API는 WIN-PAK 3.0 버전용입니다.

4. 다음과 같이 TS 서비스의 계정을 설정하세요.

- [제어판] - [관리도구] - [서비스]를 실행
- Transaction Server를 선택 후 마우스 오른쪽 버튼을 클릭하여 [속성] - [로그온 탭] 클릭
- 계정 지정 선택 후 다음과 같이 설정
 - 계정 지정 : .\winpakuser
 - 암호 : Password123 (기본값)



등록하기

1. 상단의 [+] 버튼을 클릭하세요.
2. <상세 정보>의 등록하려는 시스템의 정보를 입력하세요.
 - 타입 : 시스템의 종류 선택 (ss.ts.sp.honeywell.pro3000)
 - 이름 : 등록 후 표시될 서비스 이름
 - 사용자이름 : WIN-PAK의 관리자 사용자이름 (기본값 : admin)
 - 패스워드 : WIN-PAK의 관리자 비밀번호
3. 수신하려는 이벤트를 선택 후 [등록] 버튼을 클릭하세요.
4. 등록이 완료되면 서비스 목록의 상태가 <등록됨>으로 표시됩니다.

변경하기

1. 변경하려는 서비스를 선택하세요.
2. <상세 정보>의 시스템 정보를 수정하세요.
3. 이벤트 필터 정보를 수정하세요.
4. [적용] 버튼을 클릭하세요.

DOOR 상태 표시 / 열고 닫기

SAMS의 Door 상태표시 / 열고 닫기 항목을 참조하세요. (27쪽)

Honeywell VISTA

등록하기

1. 상단의 [+] 버튼을 클릭하세요.
2. <상세 정보>의 등록하려는 시스템의 정보를 입력하세요.
 - 타입 : 시스템의 종류 선택 (ss.ts.sp.honeywell.vista)
 - 이름 : 등록 후 표시될 서비스 이름
 - 아이피 : 시스템의 IP 주소 (xxx.xxx.xxx.xxx)
 - 수신 포트 : 이벤트 수신 포트
 - 제어 포트 : 제어 송신 포트
3. 수신하려는 이벤트를 선택 후 [등록] 버튼을 클릭하세요.
4. 등록이 완료되면 서비스 목록의 상태가 <등록됨>으로 표시됩니다.

SSM Transaction Server

서비스 목록

서비스 이름	상태
SAMS	간속상태
Bosch	종착
Pro3000	시작중
Vista	등록되지 않음

상세 정보

타입: ss.ts.sp.honeywell.vista

이름:

아이피:

수신 포트:

제어 포트:

이벤트 필터: ☒ 이벤트 필터, ☐ 이벤트 필터

등록:

변경하기

1. 변경하려는 서비스를 선택하세요.
2. <상세 정보>의 시스템 정보를 수정하세요.
3. 이벤트 필터 정보를 수정하세요.
4. [적용] 버튼을 클릭하세요.

SSM Transaction Server

서비스 목록

서비스 이름	상태
SAMS	간속상태
Bosch	종착
Pro3000	시작중
Vista	등록됨

상세 정보

타입: ss.ts.sp.honeywell.vista

이름: Vista

아이피: 192.168.0.154

수신 포트: 1808

제어 포트: 1808

이벤트 필터: ☒ 이벤트 필터, ☐ 이벤트 필터

등록:

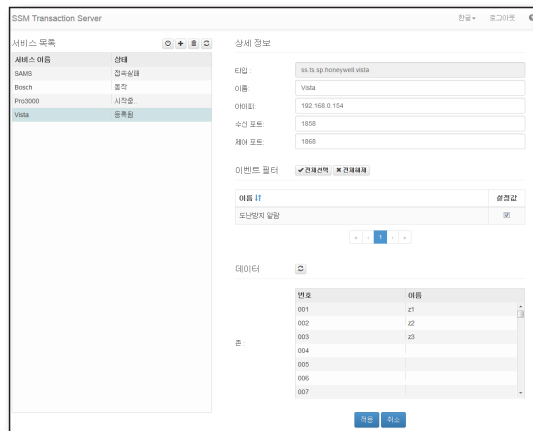
이벤트 필터

번호	이름
001	21
002	22
003	23
004	24
005	25
006	26
007	27

적용:

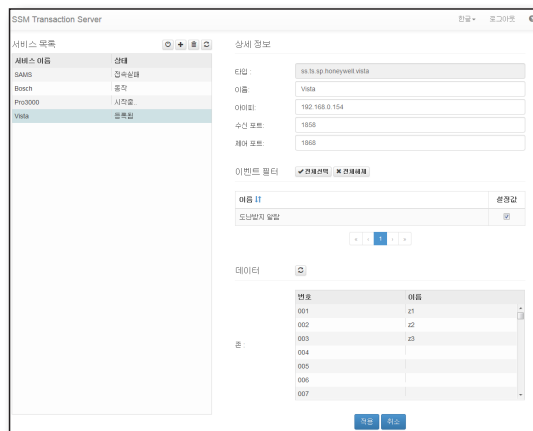
존 정보 변경

1. 변경하려는 서비스를 선택하세요.
2. 이름 칸을 클릭 후, 정보를 입력하세요. (최대 40자)
3. [적용] 버튼을 클릭하세요.



존 정보 새로고침

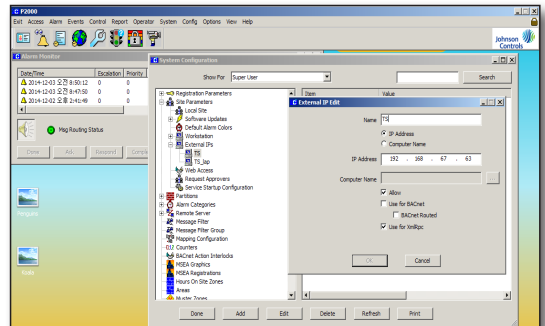
1. 새로고침하려는 서비스를 선택하세요.
2. [새로고침] 버튼을 클릭하세요.



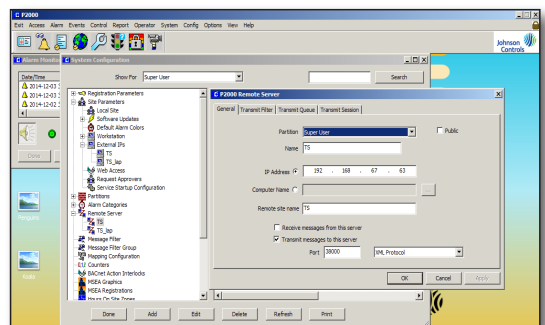
JCI P2000

JCI P2000 설정

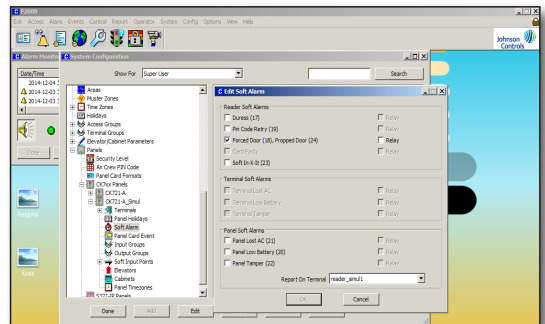
1. TS IP를 P2000의 External IP로 등록하세요.
 - <Allow>, <Use for XmlRpc> 항목 체크



2. TS IP를 Remote Server로 등록하세요.
 - <Transmit message to this server> 항목 체크
 - Protocol 선택(HTTP Post XML Protocol 또는 XML Protocol)
 - 이벤트 수신 포트 설정

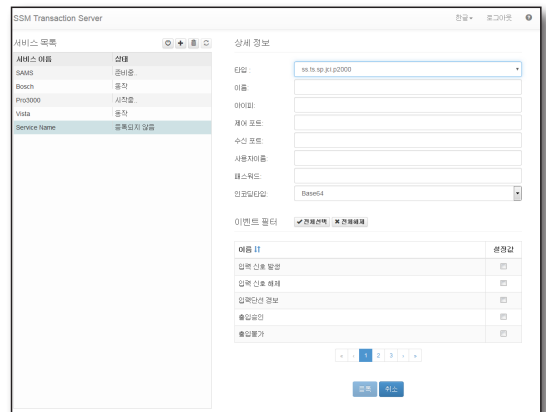
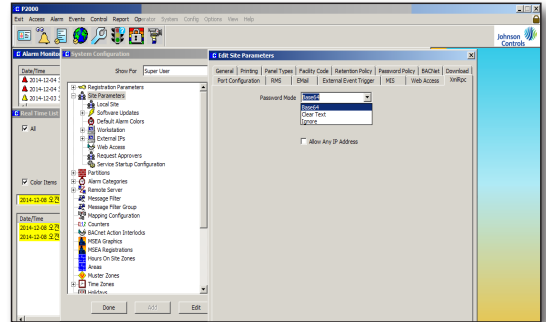


3. Soft Alarm 설정하세요.
 - <Forced Door(18), Propped Door(24)> 항목 체크



등록하기

1. 상단의 [+] 버튼을 클릭하세요.
2. <상세 정보>의 등록하려는 시스템의 정보를 입력하세요.
 - **타입** : 시스템의 종류 선택 (ss.ts.sp.jci.p2000)
 - **이름** : 등록 후 표시될 서비스 이름
 - **아이피** : JCI P2000 Server의 IP주소
 - **제어포트** : XML-RPC Protocol의 포트 (기본값 : 41023)
 - **수신포트** : RMS-XML Protocol의 포트 (Remote Server 등록시 사용한 포트)
 - **사용자이름** : P2000의 Super User의 사용자이름 (기본값 : cardkey)
 - **패스워드** : Username에 사용한 Super User의 패스워드(기본값 : master)/ 패스워드 모드 선택(기본값 : Base64)
 - JCI P2000의 Password Mode와 동일해야 합니다.
3. 수신하려는 이벤트를 선택 후 [등록] 버튼을 클릭하세요.
4. 등록이 완료되면 서비스 목록의 상태가 <등록됨>으로 표시됩니다.



JCI P2000

변경하기

1. 변경하려는 서비스를 선택하세요.
2. <상세 정보>의 시스템 정보를 수정하세요.
3. 이벤트 필터 정보를 수정하세요.
4. [적용] 버튼을 클릭하세요.

The screenshot shows the 'SSM Transaction Server' configuration window. On the left, a '서비스 목록' (Service List) table lists services: SAMS, Bosch, Pro3000, Visa, and P2000. The 'P2000' service is selected, and its '상세 정보' (Detailed Information) tab is active. The right panel contains various configuration fields:

- 타입: ss ts.sp.p1.p2000
- 이름: P2000
- 아이피: 192.168.67.73
- 제어 포트: 41023
- 수신 포트: 38000
- 사용자이름: cardkey
- 패스워드: *****
- 인증엔티티: Bspv64

Below these fields, there is a section for '이벤트 필터' (Event Filter) with a checked '기본값' (Default) option. A table lists event filters with checkboxes for enabling/disabling them:

이벤트 ID	상태
입력 신호 발생	☐
입력 신호 재개	☐
입력단신 끊김	☐
출입승인	☐
출입불가	☐

At the bottom, there are '적용' (Apply) and '취소' (Cancel) buttons.

DOOR 상태 표시 / 열고 닫기

SAMS의 Door 상태표시 / 열고 닫기 항목을 참조하세요. (27쪽)

Honeywell PRO3200

WIN-PAK API 설치

1. TS와 PRO3200을 연동하기 위해서는 WIN-PAK API가 필요하며, 별도로 구매해야 합니다.
2. WIN-PAK SE-PE API.exe 파일을 클릭하여 API를 설치하세요.
3. WIN-PAK SE-PE API는 다음과 같이 각각 설치해야 합니다.
 - **WIN-PAK Comm Client API** : TS와 동일한 PC에 설치
 - **WIN-PAK Database Client API** : TS와 동일한 PC에 설치
 - **WIN-PAK Comm Server API** : WIN-PAK과 동일한 PC에 설치
 - **WIN-PAK Database Server API** : WIN-PAK과 동일한 PC에 설치

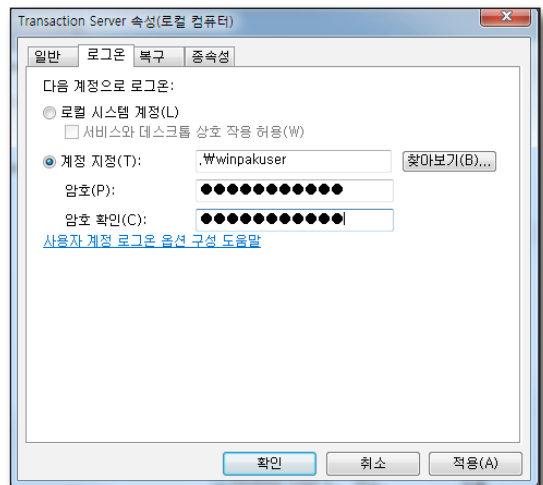
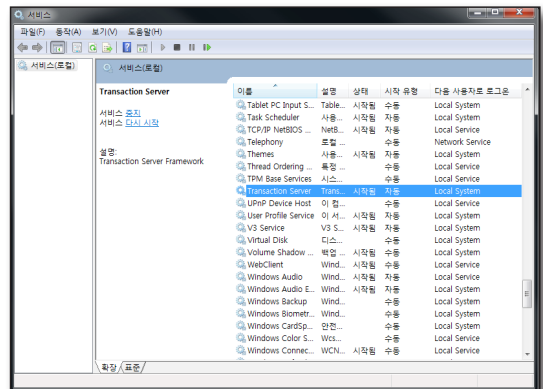
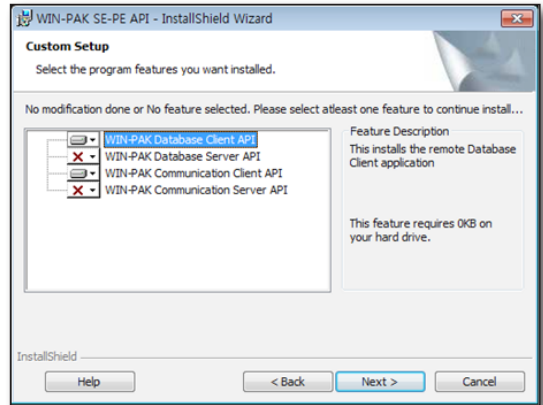


Server와 Client API가 동일한 PC에 설치되지 않도록 주의하세요.



WIN-PAK API는 WIN-PAK 4.0 버전용입니다.

4. 다음과 같이 TS 서비스의 계정을 설정하세요.
 - **[제어판] - [관리도구] - [서비스]**를 실행
 - Transaction Server를 선택 후 마우스 오른쪽 버튼을 클릭하여 **[속성] - [로그온 탭]** 클릭
 - 계정 지정 선택 후 다음과 같이 설정
 - 계정 지정 : .\winpakuser
 - 암호 : Password123 (기본값)



Honeywell PRO3200

등록하기

1. 상단의 [+] 버튼을 클릭하세요.
2. <상세 정보>의 등록하려는 시스템의 정보를 입력하세요.
 - **타입** : 시스템의 종류 선택 (ss.ts.sp.honeywell.pro3200)
 - **이름** : 등록 후 표시될 서비스 이름
 - **사용자이름** : WIN-PAK의 관리자 사용자이름 (기본값 : admin)
 - **패스워드** : WIN-PAK의 관리자 비밀번호
3. 수신하려는 이벤트를 선택 후 [등록] 버튼을 클릭하세요.
4. 등록이 완료되면 서비스 목록의 상태가 <등록됨>으로 표시됩니다.

변경하기

1. 변경하려는 서비스를 선택하세요.
2. <상세 정보>의 시스템 정보를 수정하세요.
3. 이벤트 필터 정보를 수정하세요.
4. [적용] 버튼을 클릭하세요.

DOOR 상태 표시 / 열고 닫기

SAMS의 Door 상태표시 / 열고 닫기 항목을 참조하세요. (27쪽)

DB 테이블 생성

1. TS와 OPC를 연동하기 위해서는 MSSQL이 필요하며, 설치 방법은 해당 사이트를 참고하세요.
2. 설치된 MSSQL에 다음 스크립트를 참고하여 DB 테이블을 생성하세요.

! DB 테이블의 이름은 반드시 <SSM_EVENT>여야 합니다.

```
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	SSM	AlarmOut01(192.168.216.105-4520)	SSM	ALARM_OUT...	500	20150831 11:21:47
61	SSM	AlarmOut01(192.168.216.105-4520)	SSM	ALARM_OUT...	500	20150831 11:21:55
62	SSM	Camera01(192.168.216.105-4520)	SSM	MOTION_DET...	500	20150831 11:21:58
63	SSM	AlarmOut01(192.168.216.105-4520)	SSM	ALARM_OUT...	500	20150831 11:21:59
64	SSM	AlarmOut01(192.168.216.105-4520)	SSM	ALARM_OUT...	500	20150831 11:22:07
65	SSM	Camera01(192.168.216.105-4520)	SSM	MOTION_DET...	500	20150831 11:22:53
66	SSM	AlarmOut01(192.168.216.105-4520)	SSM	ALARM_OUT...	500	20150831 11:22:53
67	SSM	AlarmOut01(192.168.216.105-4520)	SSM	ALARM_OUT...	500	20150831 11:23:02
68	SSM	Camera01(192.168.216.105-4520)	SSM	MOTION_DET...	500	20150831 11:23:31
69	SSM	AlarmOut01(192.168.216.105-4520)	SSM	ALARM_OUT...	500	20150831 11:23:31
70	SSM	AlarmOut01(192.168.216.105-4520)	SSM	ALARM_OUT...	500	20150831 11:23:40

등록하기

1. 상단의 [**+**] 버튼을 클릭하세요.
2. <상세 정보>의 등록하려는 시스템의 정보를 입력하세요.
 - **타입** : 시스템의 종류 선택 (ss.ts.sp.opc)
 - **이름** : 등록 후 표시될 서비스 이름
 - **아이피** : OPC 데이터베이스의 IP 주소
 - **포트** : OPC 데이터베이스의 포트
 - **사용자이름** : OPC 데이터베이스의 사용자이름
 - **패스워드** : OPC 데이터베이스의 사용자 비밀번호
 - **데이터베이스이름** : OPC 데이터베이스의 이름
3. 수신하려는 이벤트를 선택 후 [**등록**] 버튼을 클릭하세요.
4. 등록이 완료되면 서비스 목록의 상태가 <등록됨>으로 표시됩니다.

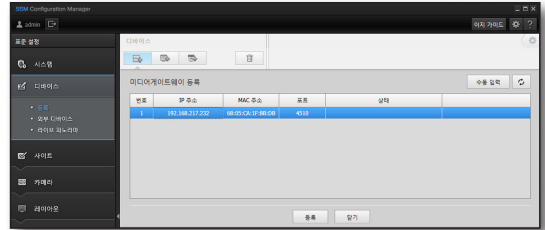
변경하기

1. 변경하려는 서비스를 선택하세요.
2. <상세 정보>의 시스템 정보를 수정하세요.
3. 이벤트 필터 정보를 수정하세요.
4. [**적용**] 버튼을 클릭하세요.

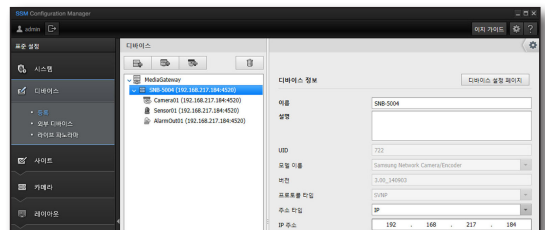
AgentVi savVi

카메라 등록하기

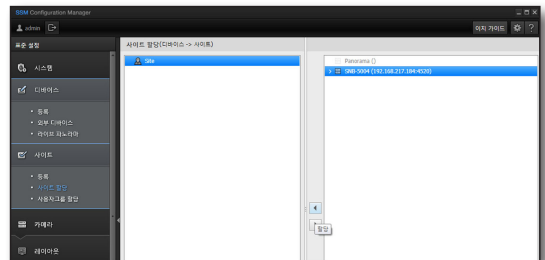
1. TS와 savVi를 연동하기 위해서는 SSM-MG 및 연동할 카메라의 등록이 필요합니다.
2. 연동 가능한 카메라는 다음 사이트에서 확인 가능합니다.
 - 카메라 호환성 : http://www.agentvi.com/94-Support-240-Supported_Edge_Devices
3. SSM의 Configuration Manager를 실행시켜 <디바이스> - <등록>을 클릭하세요.
[] 버튼을 클릭하여, 미디어게이트웨이를 추가하세요.
4. 등록한 미디어게이트웨이를 선택 후 카메라를 등록하세요.



5. 등록된 카메라의 디바이스와 채널을 클릭하여 UID를 확인하세요.



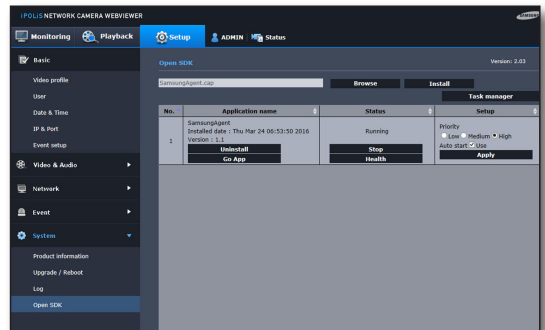
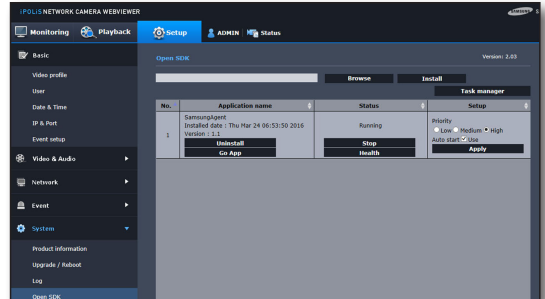
6. <SSM> - <Configuration Manager>의 <사이트> - <사이트 할당> 메뉴를 선택하세요.
7. 등록된 카메라의 사이트를 할당하세요.



AgentVi savVi

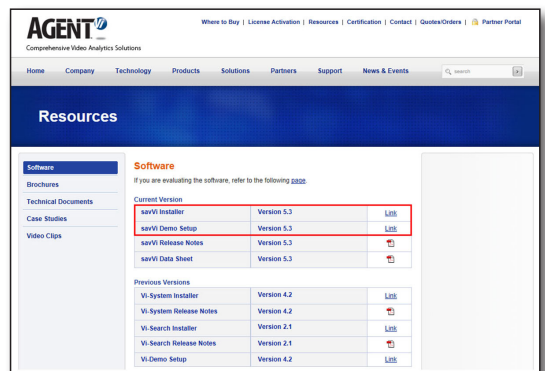
카메라 설정하기

1. 인터넷 브라우저에 등록된 카메라의 IP로 설정 페이지에 접속하세요.
2. <Setup> - <System> - <Open SDK> 메뉴를 선택하세요.
3. Browse 메뉴를 선택하여 SamsungAgent.cap 파일을 설치 후 Auto start의 use를 체크하고 [Apply] 버튼을 클릭하세요.
4. Status의 [Start] 버튼을 클릭하여, SDK를 동작시킵니다.



AGENTVI SAVVI 설치하기

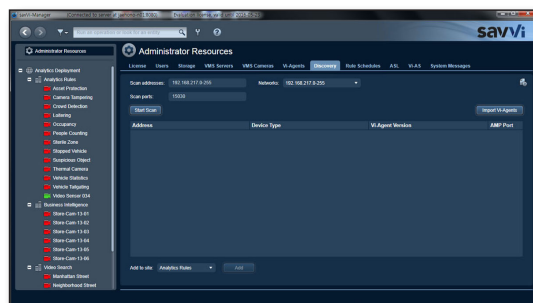
1. TS와 savVi를 연동하기 위해서는 savVi Server설치가 필요하며, 제품 및 라이선스는 별도로 구매해야 합니다. 아래의 사이트에서 구매가 가능합니다.
 - 제품 다운로드 – <http://www.agentvi.com/169-Downloads-167-Software>
2. 제품 다운로드 페이지에서 설치파일을 다운로드 후 설치하세요.



3. savVi-Manager를 실행하고 Login하세요.
 - User – admin (기본값)
 - Password – Master (기본값)

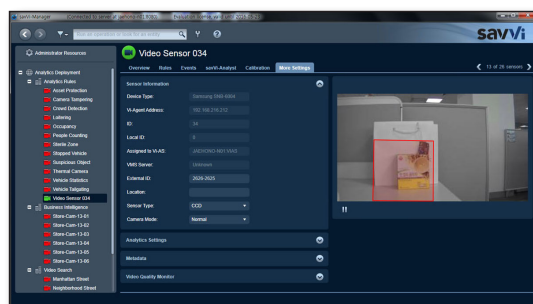


4. <Administrator Resources> - <Discovery> 메뉴를 클릭하여 설정한 카메라를 등록하세요.



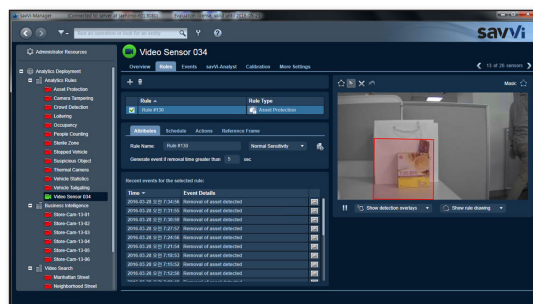
5. 왼쪽 트리에서 등록된 카메라를 클릭 후, <More Settings> 메뉴를 클릭하세요.

6. <Sensor Information> - <External ID>에 ChannelUID-DeviceUID 값을 입력하세요.



7. <Administrator Resources> - <Rules>를 클릭하여, 발생시킬 이벤트를 설정하세요.

- 자세한 내용은 AgentVi 매뉴얼을 참고하세요.



AgentVi savVi

등록하기

1. <SSM> - <Configuration Manager>를 실행시켜 TS를 등록하세요.
2. 디바이스 웹 페이지 열기 버튼을 눌러 TS 웹을 실행시킵니다.
3. 웹 페이지 상단의 [+] 버튼을 클릭하세요.
4. <상세 정보>의 등록하려는 시스템의 정보를 입력하세요.
 - 타입 : 시스템의 종류 선택 (ss.ts.agentvi.savvi)
 - 이름 : 등록 후 표시될 서비스 이름
 - 아이피 : AgentVi savVi 서비스 IP 주소
 - 포트 : AgentVi savVi 서비스의 포트 (기본값 : 8080)
 - Polling Interval : 이벤트 폴링 주기 (단위 : 초, 권장 2초)
5. 수신하려는 이벤트를 선택 후 [등록] 버튼을 클릭하세요.
6. 등록이 완료되면 서비스 목록의 상태가 <등록됨>으로 표시됩니다.

변경하기

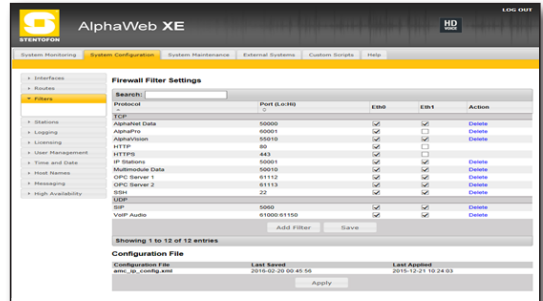
1. 변경하려는 서비스를 선택하세요.
2. <상세 정보>의 시스템 정보를 수정하세요.
3. 이벤트 필터 정보를 수정하세요.
4. [적용] 버튼을 클릭하세요.

Stentofon XE1

- 해당 Plugin이 설치되어야 합니다.

STENTOFON XE1 설치

1. Stentofon XE1 서버에 접속하세요.
 - IP : 169.254.1.1 (기본값)
 - Account : admin (기본값)
 - Password : alphaadmin (기본값)
2. “System Configuration > Filters” 메뉴를 클릭하세요.
3. OPC Server1, 2 방화벽 허용을 클릭하세요.

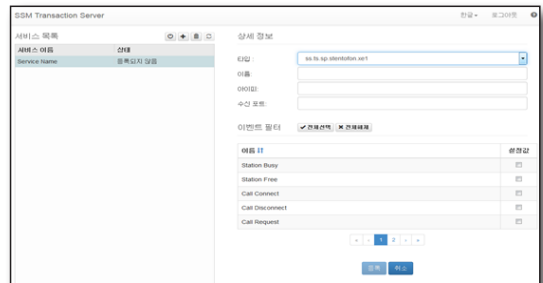


REGISTSTENTOFONGAC 설치

1. TS와 Stentofon XE1을 연동하기 위해서는 RegistStentofonGAC 설치가 필요합니다.
 - **RegistStentofonGAC** : TS와 동일한 PC에 설치
2. RegistStentofonGAC 설치 후에 반드시 TS 서비스를 재시작해야 합니다.

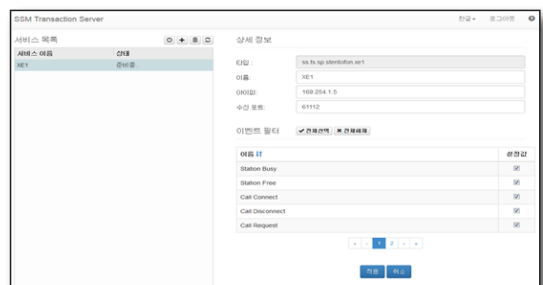
등록하기

1. 상단의 [+] 버튼을 클릭하세요.
2. <상세 정보>의 등록하려는 시스템의 정보를 입력하세요.
 - 타입 : 시스템의 종류 선택 (ss.ts.stentofon.xe1)
 - 이름 : 등록 후 표시될 서비스 이름
 - 아이피 : XE1 Server IP 주소
 - 수신 포트 : XE1의 OPC Server Port (61112 또는 61113)
3. 수신하려는 이벤트를 선택 후 [등록] 버튼을 클릭하세요.
4. 등록이 완료되면 서비스 목록의 상태가 <등록됨>으로 표시됩니다.



변경하기

1. 변경하려는 서비스를 선택하세요.
2. <상세 정보>의 시스템 정보를 수정하세요.
3. 이벤트 필터 정보를 수정하세요.
4. [적용] 버튼을 클릭하세요.



변경하기

1. 변경하려는 서비스를 선택하세요.
2. <상세 정보>의 시스템 정보를 수정하세요.
3. 이벤트 필터 정보를 수정하세요.
4. [적용] 버튼을 클릭하세요.

DOOR 상태 표시 / 열고 닫기

SAMS의 Door 상태표시 / 열고 닫기 항목을 참조하세요. (27쪽)

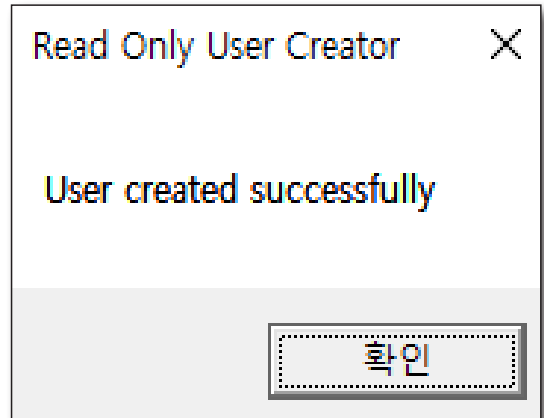
사용자 사진 설정

1. 카드 사용자의 사진을 보지 않을 경우 [이름] 항목만 설정하면 됩니다.

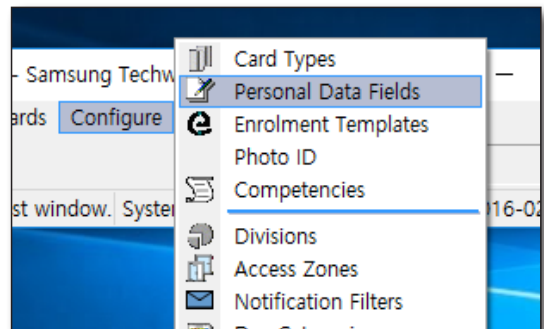
2. 카드 사용자의 사진을 보고 싶을 경우, Gallagher의 데이터베이스 유저 설정 프로그램이 있어야 합니다. [./gallagher-db/User_19926.exe] 파일을 실행하세요. [Username]에 [19926]을 입력하고, 암호 설정 후 [Create]를 선택하세요.

Gallagher CCFT

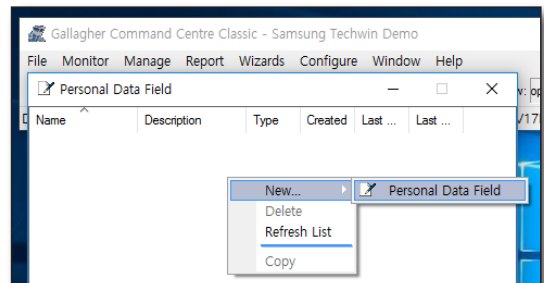
3. 완료 메시지를 확인하세요.



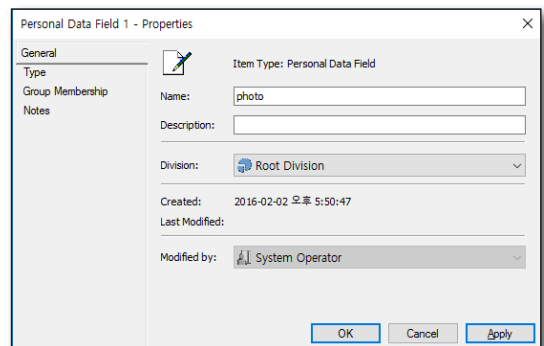
4. 바탕화면의 [Command Centre Classic]을 실행하세요.
[Configure] > [Personal Data Fields]을 선택하세요.



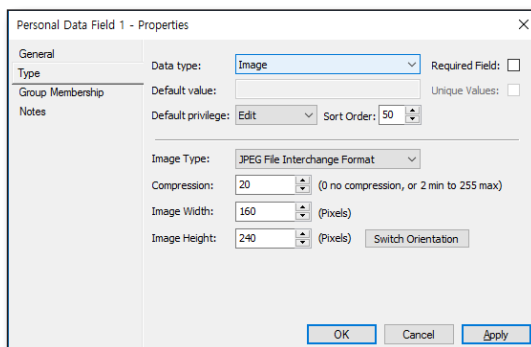
5. 마우스 우 클릭 후, [New...] > [Personal Data Field]을 선택하세요.



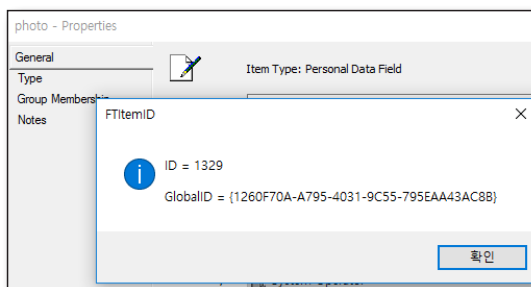
6. [General] > [Name] 항목에 이름을 설정하세요.



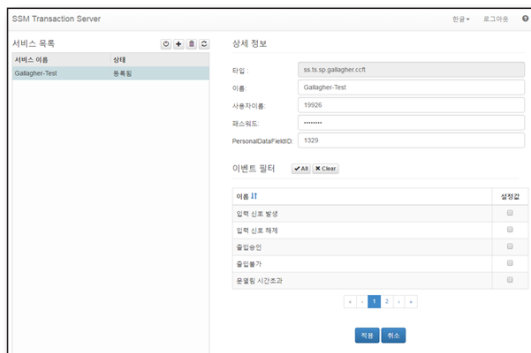
7. [Type] > [Data style] 항목에 [Image]를 선택하세요.
[Image Type]은 [JPEG File Interchange Format]을
설정, [Bitmap]은 지원하지 않습니다.



8. [General] 항목에서 [아이콘]을 [Ctrl] + [더블클릭] 해서 ID
항목을 확인하세요.
이 ID 값을 나중에 TS-SP 설정에 [PersonalDataFieldID]
항목에 입력해야 합니다.



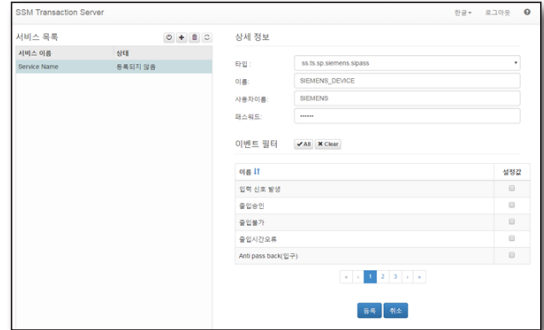
9. DB 접속 정보(사용자이름, 패스워드) 및
PersonalDataFieldID를 입력 후 [적용] 버튼을
클릭하세요.



- Transaction Server는 Siemens SiPass 서버와 같은 PC에 설치됩니다.
- 해당 Plugin이 설치되어야 합니다.

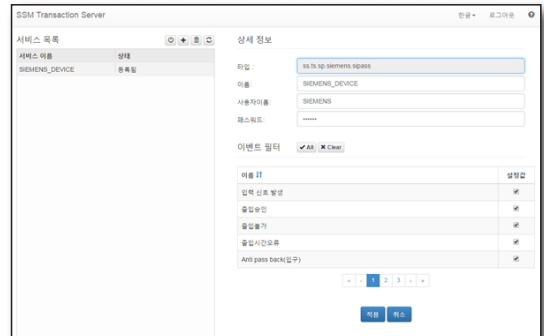
등록하기

- 상단의 [+] 버튼을 클릭하세요.
- <상세 정보>의 등록하려는 시스템의 정보를 입력하세요.
 - 타입 : 시스템의 종류 선택 (ss.ts.sp.siemens.sipass)
 - 이름 : 등록 후 표시될 서비스 이름
 - 사용자이름 : Siemens ID (SIEMENS)
 - 패스워드 : Siemens PW (spirit)
- 수신하려는 이벤트를 선택 후 [등록] 버튼을 클릭하세요.
- 등록이 완료되면 서비스 목록의 상태가 <등록됨>으로 표시됩니다.



변경하기

- 변경하려는 서비스를 선택하세요.
- <상세 정보>의 시스템 정보를 수정하세요.
- 이벤트 필터 정보를 수정하세요.
- [적용] 버튼을 클릭하세요.



DOOR 상태 표시 / 열고 닫기

SAMS의 Door 상태표시 / 열고 닫기 항목을 참조하세요. (27쪽)

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Apache ActiveMQ	Apache License 2.0	
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Apache Shiro	Apache License 2.0	
json-simple	Apache License 2.0	
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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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품 질 보 증 서

제 품 명	CMS	보 증 기 간
모 델 명	Transaction Server	구 입 후 2 년
구 입 일 자	년 월 일	
보 증 기 간	년 월 일 까지	

고객주소	성 명	
	연락처	
판매점주소(상호)	성 명	
	연락처	

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