Access Control System
(Time Attendance, Online Guard Patrol, Fixed Dining)
Basic function and Extended function

Access Control	Basic Function		
		Privilege of 20,000 pieces of Registration Cards	Each Controller has Privilege of 20,000 pieces of Registration Cards. For example, Single door controller has the Privilege of managing 20,000 person, for Double doors controller, if No.1 Door has manages 5,000 registration cards, but No.2 door can authorize at most 15,000 pieces of cards. Four-Door Controller is by parity of reasoning.
		10,000 pieces of Offline Stored Records	System can store 10,000 pieces of Offline swiping cards Records, and each record conclude Card ID, Time, Address and Passed or not complete information and so on. If memory is full, system will save the newest information and delete the old information by the way of Stack. If starting Button Information Records and Alarm Record Function, these will be regarded as record information. While if not starting, system just records swiping cards information.
		Flexible Authority Management	System can set that one person can enter some doors or all the doors. And also can set some person can enter some doors. The set result can be arranged by door or person, it is clear for user to see which door can be passed by some people and who can enter which doors. This is simple and can print or export to Excel Report.
		Time Segment Privilege Management Function	Set who can enter which door, can enter the door on which day, and can enter the door three times from which time to which time everyday.
		Offline Run	After setting upload via software, Controller will record all privilege and information. Even the software and computer are closed, system can remain normal offline run and information will not loss when power failure.
		Real-time monitor, Photo Display and Door Status Display	System can real-time monitor all door' status of swiping cards and in and out, and can real-time display User's pictures pre-stored in the computer so that security guard and user check. If connection to the door magnetic signal line, the user can see clearly which door was open and which door is closed. Real-time records of the legitimate card display as green, illegal as

Access Control	Basic Function		orange, alarm records as red, convenient to remind the attention of security personnel. If installation video access control devices, customer can take real-time photo and video.
		Real-Time Read	User can real-time monitor and read controller's records automatically at the same time, uploading one record to computer database once swipe one card.
		Enforce door Close, and enforce door Open	If some doors need open for a long time, now it can be set as NO via software, while some doors need keep closed and not allow anyone enter the door, now it can be set as NC. Also, on some special time, the door can be set as NC. Such as there is need to close the door to arrest thief.
		Remote Control Openning Door function	Administrators can remote open some door via clicking "Remote Open Door" on the software interface after receiving instructions. Click the software interface on the "long-range open" button on the remote to open a door. Remote open door records also can form records by set.
		Interface Locking Function	Operator can lock the interface and the back-ground software can continue to run and monitor when he/she needs to leave work place, so that others cannot take this chance to operate the software, only after the operator comes back and inputs password.
		Time Segment Link Function	If customer requires more than three time segments everyday (Entry between what time to what time), now system can extend to six or nine or more time segments via using time segment link. If the time segments of Saturday is not the same as usual, such as customer requires that it can be used at 8:30-17:30 from Monday to Friday, and 8:30-12:00 on Saturday. Therefore, the set is that: Time Segment 2 is 8:30-17:30 from Monday to Friday, Time Segment 3 is 8:30-12:00 on Saturday, and Time Segment 2 is set to link Time Segment 3. Now, the authority of this card can meet the needs of customer.
		Small quality of authority modification and upload singly function	If the user just added or modified a few people' privilege, there is no need to upload all privilege once again. It is time-consuming. Newly added and modified privilege can upload singly without too much time. Loss is the same.
		Active Check Access Inside	Can query how many person was in some door, or some area (there are several doors). And display the list of

			person in this area.
Access Control			For example: for mine, you can quickly know how many people were under the mine. If emergency happened, it is convenient to set rescue plans and print the list of persons needed to be rescued. For example: For the corporate management, the boss or the Ministry of Personnel can quickly know how many people have come to the company to work. If abnormality happened, manager can immediately do an attendance statistics and check indisciplined officers. For example: Some companies provide meal, manager can quickly know how many people were on work and can notify canteens to avoid wastage.
		Personnel Quick Positioning Query	You can quickly query where certain individual are now, and how long he has stayed there. For some large companies, owing to confidentiality, it is not allowed to open mobile phone, or cell phone cannot be contacted, so that it can know where he was in the building's location, and find him.
	Extended function	Card + Password Function	If user chooses the Card Reader with Password Keyboard, system will have the function of card + PIN. That is to say, the door can be set to require users to enter the correct password after swiping card, card and password are correct before it would be open. One card matches with a password and everyone has his own password. This function can prohibit someone to pick up or stolen other person's card to open the door. The same door can be set as someone needs Card+Password to open the door, but some need swipe card. Password can be 1`6 digits.
		Open By Inputting "*Card*PIN#"	If user starts this function, there is no need to take cards, but simply enter *Card*password# to open the door, and store this record.
		Supervisor PIN Function	Each door can be set up to four passwords, that means users can open the door with entering any one of these passwords. The system does not record the events and people by password. A password is 1-6 digits.
		Fire Alarm and Emergency opening door function	If the controller has connected with alarm output and fire linkage expansion board, system will have following function: the fire when the fire alarm signals comes, all the doors that the controller which expansion board has connected with controls will all be opened

Access Control	Extended function		automatically for people escaping. And system can start the fire siren, store and record the fire alarm time.
		Linkage Output function	If the controller has connected with alarm output and fire linkage expansion board, system will have following function: when the door was opened legally, this will drive another delay to work at the same time to control more device. For example: a client requires to open the door legally, the lights will be bright, or output a switch signal to the camera and so on. Linkage relay operating time can set 0-600 seconds.
		Illegal Break-in Alarm	Or call forcible to open the door alarm. That means there is no legal means (swipe card, buttons, etc.) to force to open the door, or break into. System software's monitoring interface will use a red prompt of the alarm information time and location, this will drive computer speaker box to reminder on duty personnel. If the controller has connected with alarm output and fire linkage expansion board, the fire alarm will be driven to hoot. This function requires installation of magnetic door or electric lock connected to the controller and with feedback signal output of magnetic door.
		Alarm for door has not closed for long time	If the door has been opened for a long time (the time to alarm after door opening can be customized) and forgotten to close, System software's monitoring interface will use a red prompt of the alarm information time and location, this will drive computer speaker box to reminder on duty personnel. If the controller has connected with alarm output and fire linkage expansion board, the fire alarm will be driven to hoot. Then the related person closes the door. This function requires installation of magnetic door or electric lock connected to the controller and with feedback signal output of magnetic door. This can set as alarm for how many seconds or keep alarm until reset.
		Compel Alarm	When staff was asked to open the door with coercion then the staff can enter the coercion password on the password keyboard, the door is opened, the staff will not be hurt by the gangsters. While monitoring interface of the software on the Master Control Center has been showed alarm information of the location being coerced to open the door. At the same time in the control center's computer speaker, there will sound alarm sound to remind the staff on duty and pay attention. This feature is most used in the savings bank lobby, bank treasury and other occasions.

Access Control	Extended function	Alarm when illegal card swiping	Or alarm when invalid card swiping. That means someone attempt to swipe the card with the unauthorized card, System software's monitoring interface will use a red prompt of the alarm, this will drive computer speaker box to reminder on duty personnel. If the controller has connected with alarm output and fire linkage expansion board, the fire alarm will be driven to hoot and then remind the security came.
		Anti Pass Back	On some specific occasions, it is required that card holder has to come out from the door he has entered from by swiping the card. Also the swiping card records must be an entry corresponds to a strict. If one entered the door without swiping card but trailing someone else, he/she will not be allowed to come out. Or, one came out the door following other people, he/she will not be allowed to come in the door next time. If someone has swiped the card to enter the door, then he gave the card to another person to let the second person come in, the system will refuse the second person to come in even swiping the card. If user set system to start the function, the system can realize this function. It is generally used for military, national defense scientific research and other occasions. Our systems can only perform anti-passback from inner door—system will not allow person entering one door by swiping card and out from another door. Controller can also realize anti-passback function. For example, two-door controller, entering from any one of two doors and out from any one door. Four controllers, specify which doors and which doors are each other's anti-passback. Some exhibitions require entering from the designated entry door, and coming out from the specified doors.
		Interlock	There are certain occasions specifically requested that before a door not properly closed the other one is not allowed to enter. Two-door controller can realize the two-door interlock, four-door controller can realize two-door/ three-door /four-door interlock. This feature is mainly used for bank savings bank, vaults strict occasions.
		Activate multi-card access	There is need to start this function on certain specific situations, which require some people all on the scene, swiping cards one by one to open the door. Single person to swipe the card, the door will not be opened. This function is typically used on antique collection

Access Control	Extended function		venue, bank vault, museum, etc. System can be set multi-card to enter the door and a single card to go out the door, also multi-card to enter the door and the same multi-card to go out the door, to go out but also multi-card. For example: how many people of all to open the door have arrived can open the door, also multi-group, multi-card can also open, eight groups at most. Such as a bank vault application, request to open vault door legally when one of the three presidents, two of the eight security and three of the five cash transport men all have come and then swiping cards one by one. With the professionals help, System can also be set single group multi-card to open the door (can also be set up under the guidance of an independent set of multi-Card door (all the people of one group have come can open the door), and privileged groups to open the door (one man of the privileged group came can open the door.)
		Timed constant open or close the door function	This function is also called the task timer function. In some occasions, such as executive office hall-the Civil Affairs office, the embassy and so on, it is required the door opened when working during the day time, people outside to handle affairs can come and go freely. While in the evening after work, required the door closed, its internal employees can only enter the door by swiping card, others cannot. Middle of the night, the door kept closed, its internal employees are not allowed to go out. This function can be set for one door or all doors, and each controller can be set up to 64 timed tasks. This feature can be run offline.
		Save Button Operation History	This function can record when the button had been used to open the door. Although it cannot record who pressed the button, it can record when the button was pressed, and when did the last person left last night.
		Extract record timed	The function is to set when the computer program can be set to extract the record on the controller automatically. One day you can set the number of time to extract records. Then when data extraction, customer can avoid long time occupation of computer and anxiously waiting for. This function requires computer and software are in the running status.
		Periodically Upload Privilege	As uploading permission, the controller cannot determine the card's current permission legitimacy. After uploading finished, the controller begins to determine the permission. The function can make system upload automatically in the dead of night. It

			requires computer and software are in the running status.
		Switch to subdistrict management interface directly	Options can be set to switch from the office administration interface to the subdistrict management interface, then such as the original interface name "departmental teams and groups" will be modified to corresponding interface name "Apartment No, Building No.". This completely accords with personalized interface requirements and the match of name of subdistrict management,.
		Urgent close the door	Some occasions call it "emergency double close function". This function does not need to set settings, just connect the emergency switch to the particular connection point of controller. On emergency situation, press the emergency switch, then all the doors under the controller control will be closed. Pressing the button and swiping card cannot open the door. For the "closed-door to catch thief", Pull up emergency switch, the system resume normal operation.
Access Control	Extended function	Multi-level operator privileges	Some companies require manage access control and attendance by department. The operator of his own department to manage their own department doors and permissions. Senior managers can manage whole company doors and people.
		Video Access Control functions (after swiping card and pressing button, take photos and video)	If the access control system installs video access control accessories, system can realize to take photo and 3 seconds video automatic, after swiping card or pressing button to open the door. It is easy to check whether the card holder himself has opened the door. This function requires the computer is running the software interface for video surveillance.
		Electronic Map	Door icons can be placed on the position of corresponding map. It is more intuitive and humanization when realtime monitoring.
		Close or open the door after swiping cards	Swipe the legitimate card, relay opened, then swipe, relay closed. For example: In some schools' Technical Support Room, electric equipments like projector are not allowed to use casually. Legitimate teacher swipes the card through the relay to the projector power, and after class, swipe card again to turn off the power, others cannot use.

			For example: Some companies' access security requirements are not strict. On working hours, it is free entry, and the first one comes and swipes card to open the door, then the last one left swipe card to close the door.
Access Control	Extended function	First Card Open	For example, a company requires: the appointed a few people have permission to open the door with header card. Only the person owned the permission swiped the card to open the door in the morning, other people can enter legally, or remain the door open until door is closed on time in the evening. After setting up this function, if the header card holder has not come, others with legitimate card cannot enter, it is necessary to wait one of the header card holder coming.
		Check to open the door inside and outside	Also Known as "inside and outside door check" "3 +1 banking model" and so on. Outside, one or more people must be arrived at the same time and swipe cards, while the inner management computer appears prompts of voice and message. Then swipe cards and the door will be opened after the inner staff approved. Even the inner staff swipe card singly or outer staff is illegal, the door will not be opened. This function is suitable for access control management when branch staffs come to head office.
		Flexible Commuter time	Setting a few minutes late does not account as lateness, this is to adapt to each employee table time non-uniform, be the humane provisions of being late for accommodation. If the requirement is strict, it can be set to 0, that is not allowed to be late a second.
		Set legal or customized holiday, National Day holiday	Set May Day, New Year's Day, National Day, etc. And also set customized.
		Set punitive measure	For example: How long to be late is absenteeism.
		Set some doors as time attendance	Set some doors to be time attendance, some to be access control, avoid time attendance records divers.
		Set times to swipe card each day	Set two or four times to swipe the card each day
		Set flexible time attendance of Saturday	Set weekends to rest, or Saturday work and Sunday rest, etc.
		Input leave record,	Input affair leave, sickness leave, on business, etc.

Time Attendance	Normal shift Attendance management	add and customize leave name flexibly	
		Sign manually by hand legally	If an employee did not swipe card or be late due to special legal reason, the Personnel Department can sign according to the attendance notice department heads issued.
		Detailed time attendance report	Daily staff attendance details can be searched, printed or exported to EXCEL. Detailed attendance information can be searched by time, department, individual or abnormal attendance.
		Detailed summary time attendance report	Monthly staff attendance report can be searched, printed or exported to EXCEL. Summary attendance information can be searched by time, department, individual or abnormal attendance. Statistic time for lateness, early leave, overtime, sickness leave, etc. Choose lateral or portrait printing.
		Report type can be customized	Choose printing item's width, sequence, and save for next use this format.
		Set personnel for time attendance	For example, manager can be set not taking time attendance, and the report shields these person's records.
	Multi-frequency shift attendance management	Set 99 shifts	Except normal shift, set another 99 shifts.
		Support light shift acrossed	Worktime can be set on 0:00.
		Support batched scheduling shifts by the scheduling cycle rules	Scheduling cycle can be customized. System will schedule shifts by shift rules within the specified time arrange. Scheduling shifts can be arranged by departmental teams and groups and individuals, the shift can be modified manually.
		Each shift can set different times of swiping cards	Each shift can be separately set 2,4,6,8 times of swiping cards, and whether the shift is used for overtime.
		Calculate the overtime time of the two overtime mode: Extended overtime and timed began overtime	Extended overtime means employee swipes card to leave after overtime, but without swiping overtime card after off duty. Software can only calculate his overtime. Timed began overtime mode: After work, employee swipes off duty card. After dinner, on the specific time employee begins to work overtime, the software will account his overtime intelligently.

Online Patrol	Basic functions	Set flexible patrol error time	Set how long to be late or early arrive is normal, but over how long is omitting check.
		Set patrol men	Set the department charging for patrolling to patrol
		Set patrol point	There are many access control spots, but some can be used for patrolling. After setting patrol spots, these devices will be more clear, precise and convenient.
		Set patrol route	Some spots can be set as patrol spots when going to patrol and coming back.
		Set patrol task	Set certain patrol checker, when, which route to patrol.
		Clear patrol report	Display patrol information clearly
		Monthly or certain period time patrol report	For monthly summary or checking and summarizing patrolling work quality temporarily.
Const Meal	Basic functions	Set to charge by times or meals	For example, some companies require that, swiping card one time and the money will be deducted one time. While some companies require the same meal times deduct money only one time whatever how many times to swipe the card.
		Set charge standard and dinner time	Set charge standard and dinner time of each dinner.
		Generate dinner statistic report	Statistic each person's every dinner times, total times and total money.
		Generate detailed dinner records for check and quiry.	Display information about dinner time, which dinner and which window for dinner.
		Report format can be customized for quiry and export.	Dinner detailed report and statistic report can support quiry by time and department. The quriy result can be exported to Excel table and customized print format (the printer items, items sequence, width, etc.), then save the format.
		Generate dinner spot subtotal report	Display dinner times and total of each dinner spot for managers' convenient appraisal and dispatch. For example, some canteens' different windows contracted to different people, so that data can be used for evaluation which window everyone likes, and then how much should give the contractor.

Burglar Alarm	Basic functions	Infrared Magnetic illegal intrusion alarm, Quick and easy to set up fortification and disarming	Connect infrared inductive probe or ALEPF sensor to anti-theft induce. After fortified, there will start sound and light alarm siren once some people break in. Also door contact can be installed upon the window. There will be alarm once people open doors and windows illegally. Fortification and disarming is much simpler, safer and secreter than using passwords and remote control, simply need swipe card three times continually to fortify and disarm.
		24-hour alarm for gas, fires and other disasters	Connect gas sensors (gas leak alarm), smoke sensor (fire alarm), glass broken shock sensor (was broken into alarm).
		SOS function	Connect urgent switch. People indoor once was hurt by House burglary, he can press the emergency switch to inform central management security personnel and start the siren.