JWM Smart Lock System

ShenZhen DZF Electronic co.,Ltd

DZF Company Profile

- **DZF Electronics Co., Ltd.** is a high-tech enterprises integrating R&D, manufacturing, sales and service, and also a pioneer of Intellectualized Lock System in China. Since established, it devoted to development of Electronic Lock to meet the requirement for safety of human and their property accompanying with easy life. Its own brand JWM Smart Lock Series enjoys customer's favor by its reliable quality, perfect service and competitive price.
- We are specialized in intellectualized door lock, intellectualized cabinet lock, intellectualized case and patrol management system, which widely used in hotel, office, recreation ground, household, transportation, etc. we have our sales center in Bejing, Shanghai and Shenzhen, and products have been sold to 50 countries worldwide.
- We have advanced R&D and production base and a complete industrial chain in Shenzhen, which including development of lock management software, assembly of electronic parts, production, age testing and quality control. Our team gathers the professional talents in the industry and all the core personnels are experts with about 20 years experience.
- Our guideline: creative and pragmatic, customer oriented.
- We insist the ideal of harmonious development between society, company and employee.
- We believe: the core of brand management is qualified products with competitive price + enthusiasm for customer service.

JWM Hotel Smart lock System

JWM Hotel Smart Lock System is composed of door lock, Lock management software, card encoder, card, energy saver, elevator controller, and so on. It is one of the Lock system with safest and highest intellectualized technology, which cover technologies of computer, micro-electronics, hardware manufacturing and environmental protection surface. It could provide all-round solutions of smart lock system for hotel, not only safe, convenient and efficient management for hotel guest room, but also for elevator control, passageway, energy saving, storage box and office lock.

JWM Functionality Interface

JWM Hotel Smart Lock System has multifunction software interface easy management and operation.

JWM hotel lock system can be applied to:

- Fidelio
- Winsocket
- RS232 (PMS-VC)
- TCP/IP
- FILE
- DLL

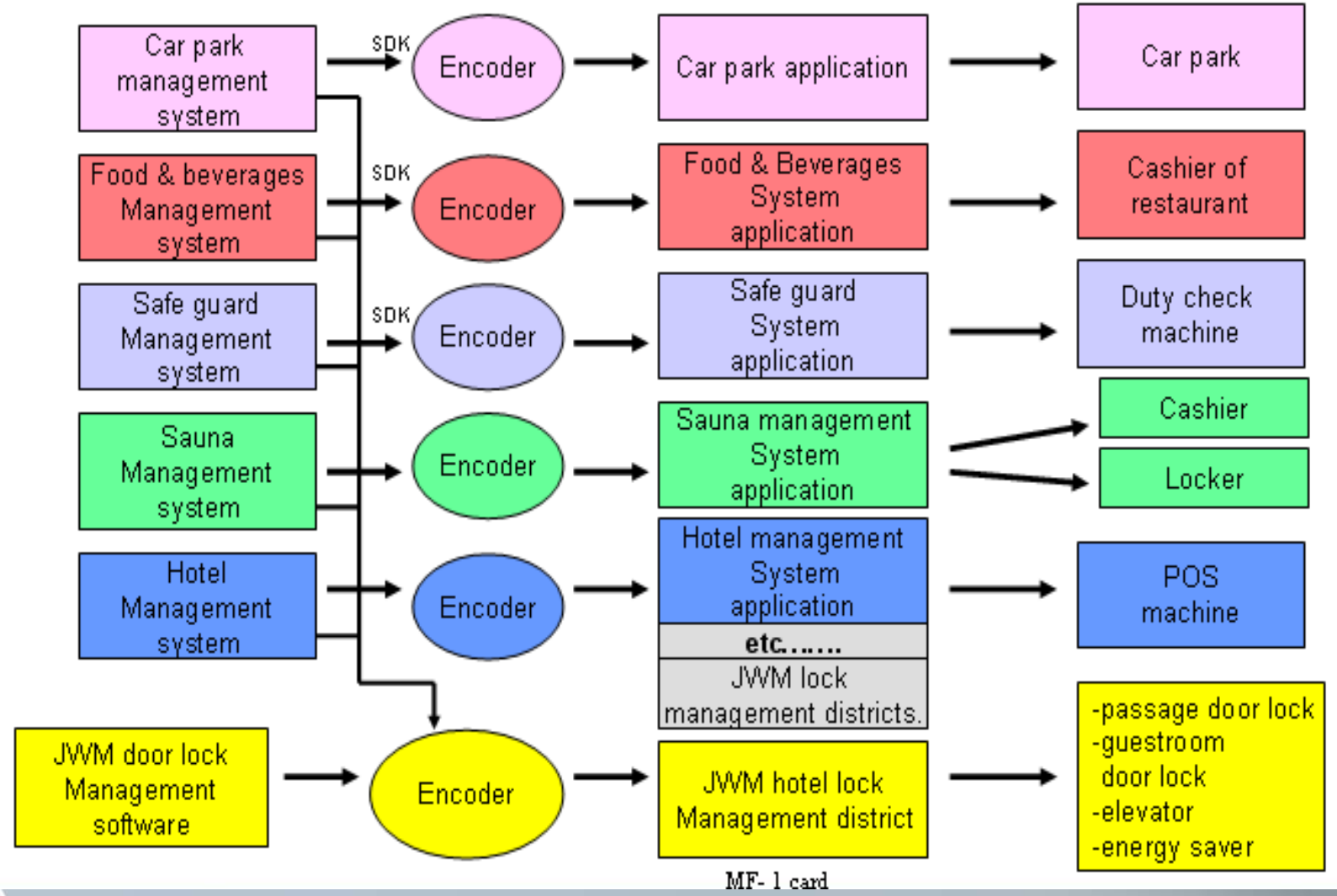
For the Fidelio interface, it applies TCP/IP, it fits to MICROS-Fidelio

JWM Hotel Smart lock System

The functions of hotel management are as below:

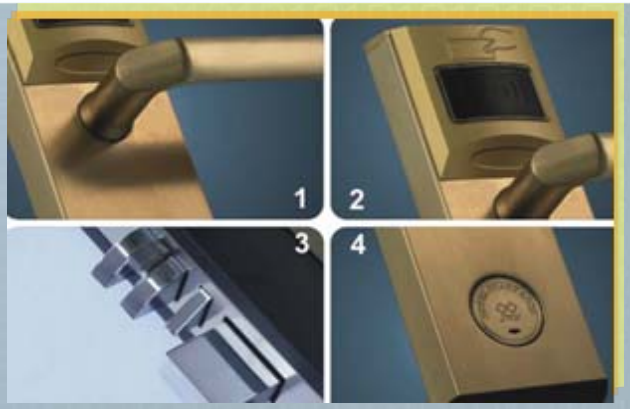
- **Breakfast**
- **Booking**
- **Maintenance record of guest room**
- **Membership**
- **Elevator control**
- **Energy Saver control**
- **Access control**
- **Passage**
- **Villa card**
- **Family rooms (a guest card could unlock 10 rooms at most)**
- **The headquarter issuing card of Chain Hotels**
- **Supporting all-in-one card**
- **Supporting USB encoder**
- **Supporting network edition**
- **Powerful function for guest room status**

JWM all-in-one Card



Hotel Smart Lock

- International "G"shape handle, Zinc alloy with brush finishing, providing high reliability;
- MF induction area, with LED indicator
- International standard mortise A, pickproof and nondeformed.
- Mechanical key for emergency use with advanced technology



JWM-F1-A

Features

- Surface: Classic design, embossed induction area is easy for induction;
- Structure: Double-layer combined lock body with stainless steel cover, strong anti-destruction;
- Handle: Fashionable "G" shape, zinc alloy material with high temperature and pressure surface treatment, providing high reliability;
- Mortise: International standard mortise A, pickproof and nondeformed;
- Cylinder: Patent lock cylinder, and fixed by special screw;
- Card type: Philip M1 card. Support all-in-one card, specific radio frequency technology with strong anti-interference;
- Battery: Low-power technology, saving energy to extend battery life;
- Required door thickness: 38~50mm; Decorative frame edge: ⩾120mm

Colour

Stainless steel / Gold

Hotel Smart Lock

- International "G"shape handle, Zinc alloy with brush finishing, providing high reliability;
- MF induction area, with LED indicator
- International standard mortise A, pickproof and nondeformed.
- Mechanical key for emergency use with advanced technology

JWM-F1-B

Features

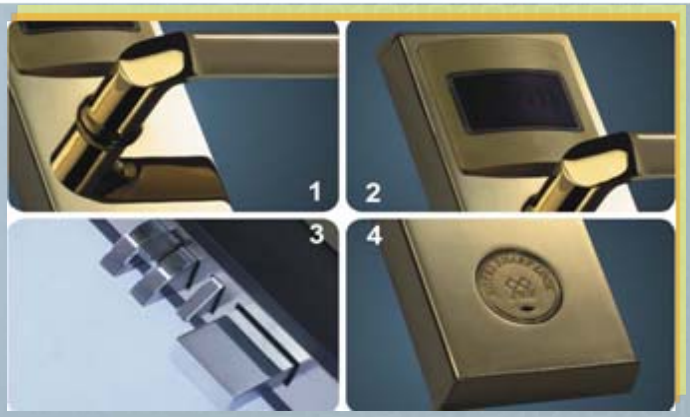
- Surface: Classic design, embossed induction area is easy for induction;
- Structure: Double-layer combined lock body with stainless steel cover, strong anti-destruction;
- Handle: Fashionable "G" shape, zinc alloy material with high temperature and pressure surface treatment, providing high reliability;
- Mortise: International standard mortise A, pickproof and nondeformed;
- Cylinder: Patent lock cylinder, and fixed by special screw;
- Card type: Philip M1 card. Support all-in-one card, specific radio frequency technology with strong anti-interference;
- Battery: Low-power technology, saving energy to extend battery life;
- Required door thickness: 38~50mm; Decorative frame edge: ⩾120mm

Colour

Stainless steel / Gold

Hotel Smart Lock

- International "G"shape handle;
- MF induction area, induct within 3cm efficiently;
- Alloy mortise with high hardness, pickproof and nondeformed.
- Patent cylinder, with mechanical key for emergency use.



JWM-F1-G

Features

- Surface: Classic design, suitable for various doors and locations;
- Structure: Advanced integrated foundry process, strong anti-destruction;
- Handle: Fashionable "G" shape, alloy material with brush finishing, providing high reliability;
- Mortise: International standard mortise A, pickproof and nondeformed;
- Cylinder: Patent lock cylinder, and fixed by special screw;
- Card type: Philip M1 card. Support all-in-one card, specific radio frequency technology with strong anti-interference;
- Battery: Low-power technology, saving energy to extend battery life;
- Required door thickness: 38~50mm; Decorative frame edge: ≥120mm

Colour

- Pearl chrome
- Shiny gold
- Smooth chrome

Hotel Smart Lock

- Modern straight handle;
- MF induction area with LED indicator, induct within 5cm efficiently.
- International standard mortise made in high hardness alloy material, pickproof and nondeformed.
- Concealed lock cylinder, mechanical key for emergency use.

JWM - F7

Features

- Surface: Classic and generous design, suitable for upscale hotel and other locations;
- Structure: Integrated foundry process with high hardness alloy material, strong anti-destruction;
- Handle: Straight handle, zinc alloy material with PVC finishing, providing high reliability;
- Mortise: International standard mortise A, pickproof and nondeformed;
- Cylinder: Concealed lock cylinder, mechanical key for emergency use;
- Card type: Philip M1 card. Support all-in-one card, specific radio frequency technology with strong anti-interference;
- Battery: Low-power technology, saving energy to extend battery life;
- Required door thickness: 38~50mm; Decorative frame edge: ⩾120mm

Colour

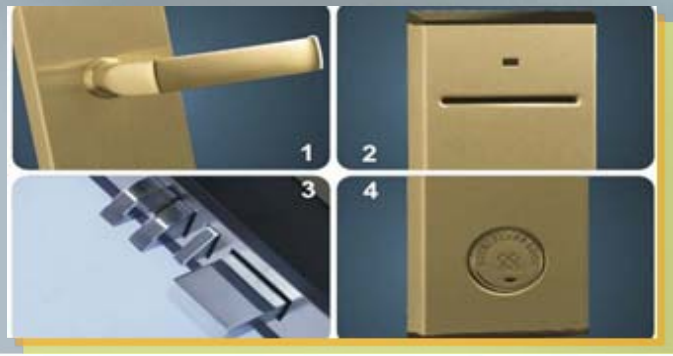
- Pearl chrome
- PVD gold
- Smooth chrome

Hotel Smart Lock

JWM-F1 Magnetic Card

Features

- Surface: Classic design, suitable for various doors and locations;
- Structure: Double-layer combined lock body with stainless steel cover, strong anti-destruction;
- Handle: Fashionable "G" shape, alloy material with brush finishing, providing high reliability;
- Mortise: International standard mortise A, pickproof and nondeformed;
- Cylinder: Patent lock cylinder,stable and convenient;
- Card type: Magnetic Card;
- Battery: Low-power technology, saving energy to extend battery life;
- Required door thickness: 38~50mm;
- Decorative frame edge: ⩾120mm



Hotel Smart Locks

JWM-C1 IC card

Features

- Surface: Classic design, suitable for various doors and locations;
- Structure: Double-layer combined lock body with stainless steel cover, strong anti-destruction;
- Handle: Fashionable "G" shape, alloy material with brush finishing, providing high reliability;
- Mortise: International standard mortise A, pickproof and nondeformed;
- Cylinder: Patent lock cylinder,stable and convenient;
- Card type: IC card;
- Battery: Low-power technology, saving energy to extend battery life;
- Required door thickness: 38~50mm;
- Decorative frame edge: ≥120mm

JWM Office Smart Lock System

Introduction

JWM Office Smart Lock System is composed of computer board, card reader, emitter,intellectualized mortise, mechanical lock body etc. The card reader and emitter are Installed inside lock, so that all parts could be connected without external linkage.

JWM Office Smart Lock System supports unlocking with RF card, grade-management, data record, card reading and all-in-one card. The all-in-one card is authorized through Lock Management System Software, then could be compatible with other sub-system of Access controller, Time attendance and consumption etc. The all-in-one technology is warmly welcomed due to its characteristics of convenience/ safety/ high efficiency, and used widely particularly in intellectualized office condition. It includes identification, time attendance, access control, elevator control, vehicle access control management, inner consumption, personnel files, meeting attendance and voting etc.

JWM Office Smart Lock System

Features:

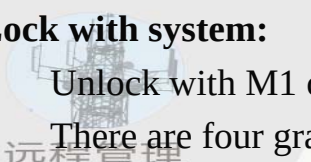
JWM Office Smart Lock System is divided into lock with system and without system.

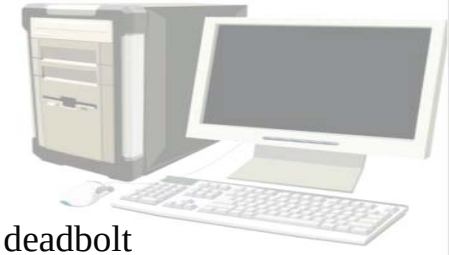
Lock with system:

- Unlock with M1 card, support all-in-one card;
- There are four grades card: system card, master card, area card and personal card, totally 15 types, to meet customer's various requirement;
- The personal card could set normal open status.

Lock without system(stand alone lock):

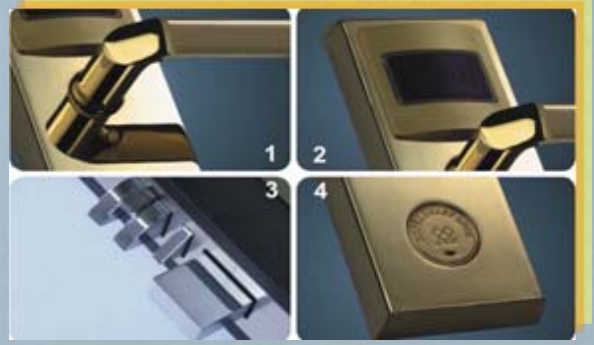
- Unlock with M1 card:
- There are program card and key card;
- The program card is used for setting lock;
- There are two kinds of key cards: one is used for unlocking the door at deadbolt status and setting normal open status; another is for unlocking the door at non-deadbolt status;
- The open access could be authorized freely according to management needs.

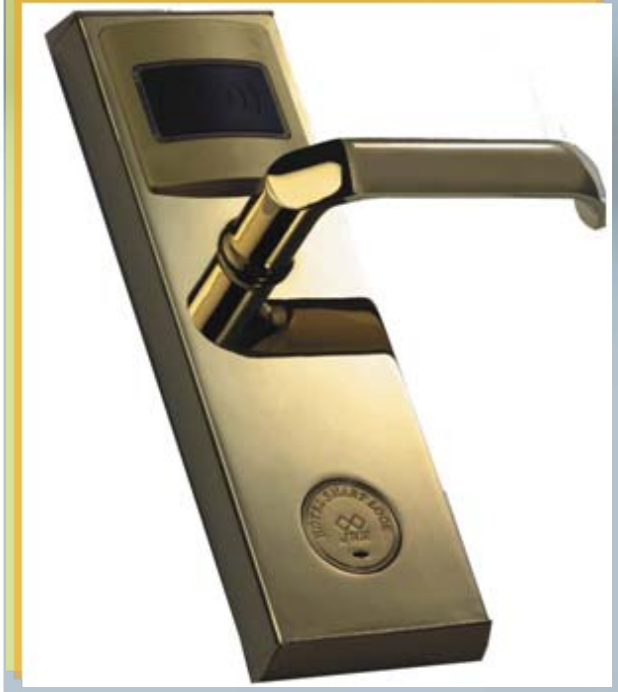




JWM Office Smart Locks

- International "G"shape handle. Zinc alloy with brush finishing, providing high reliability;
- MF induction area, with LED indicator;
- International standard alloy mortise A with high hardness, pickproof and nondeformed.
- Patent cylinder, with mechanical key for emergency use





JWM-H1-G

Features

- Surface: Classic design, suitable for various doors and locations;
- Structure: Advanced integrated foundry process, strong anti-destruction;
- Handle: Fashionable "G" shape, alloy material with brush finishing, providing high reliability;
- Mortise: International standard mortise A, pickproof and nondeformed;
- Cylinder: Patent lock cylinder, and fixed by special screw;
- Card type: Philip M1 card;
- Battery: Low-power technology, saving energy to extend battery life;
- Required door thickness: 38~50mm; Decorative frame edge: ≥120mm

Colour

- Pearl chrome
- Shiny gold
- Smooth chrome

JWM Office Smart Locks

JWM-H1-A

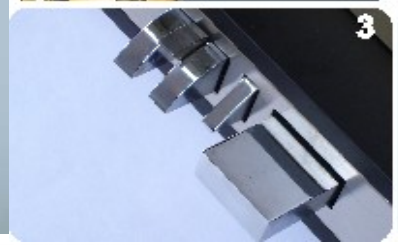
Features

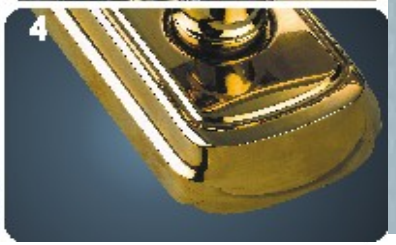
- Surface: Classic design, embossed induction area is easy for induction;;
- Structure: Double-layer combined lock body with stainless steel cover, strong anti-destruction;
- Handle: Fashionable "G" shape, zinc alloy material with high temperature and pressure surface treatment, providing high reliability;
- Mortise: International standard mortise A, pickproof and nondeformed;
- Cylinder: Patent lock cylinder, and fixed by special screw;
- Card type: Philip M1 card. Support all-in-one card, specific radio frequency technology with strong anti-interference;
- Battery: Low-power technology, saving energy to extend battery life;
- Required door thickness: 38~50mm; Decorative frame edge: ⩾120mm

- International "G"shape handle. Zinc alloy with brush finishing, providing high reliability;
- MF induction area, with LED indicator;
- International standard alloy mortise A with high hardness, pickproof and nondeformed.
- Patent cylinder, with mechanical key for emergency use.

JWM Fingerprint Locks

JWM-Z7





Modern straight handle;
Fingerprint,RF card, mechanical key.
International standard mortise made in high hardness alloy material, pickproof and nondeformed.
Concealed lock cylinder, mechanical key for emergency use.

Features:

Surface: The latest design from Europe, heavy duty and graceful.
Structure: Adavanced Integrated foundry process of cylinder with improted alloy material. strong anti-destruction,consummate craft.
Three ways of unlocking: Fingerprints, RF Cards, and Key overraide. Secure and convenient.
Easy operation: Open your door with your finger only.
Management: 3 level user management
Large memory capacity: Max 130 fingerprints or 120 cards.
Latest fingerprint algorism technology: FAR(False Acception Rate)<2ppm : FRR(False rejection rate)<0.3%
Low power connsumption desig:Static<100μA
Advanced induction measurement, without any extra fingers, strong anti-jamming capability.

CE Certificate

Colours:

Smooth chrome / PVD gold / Pearl chrome

JWM Fingerprint Locks

JWM-Z1

Features

■Surface: German style design, suitable for upscale hotel and other locations;

■Structure: Integrated foundry process with high hardness alloy material, strong anti-destruction;

■Handle: Straight handle, zinc alloy material with PVC finishing, providing high reliability;

■Mortise: International standard mortise A, pickproof and nondeformed;

■Cylinder: Concealed lock cylinder, with mechanical key for emergency use;

■Unlocking: three ways to unlock: fingerprint, PIN, mechanical key;

■Identification: Great capability of fingerprint identification that could identify fingerprint from children aged 8 to old people aged 80;

■Management: Grade-management of fingerprint for authorizing reasonably.

■Battery: Low-power technology, saving energy to extend battery life;

■Required door thickness: 38~50mm; Decorative frame edge: ≥120mm

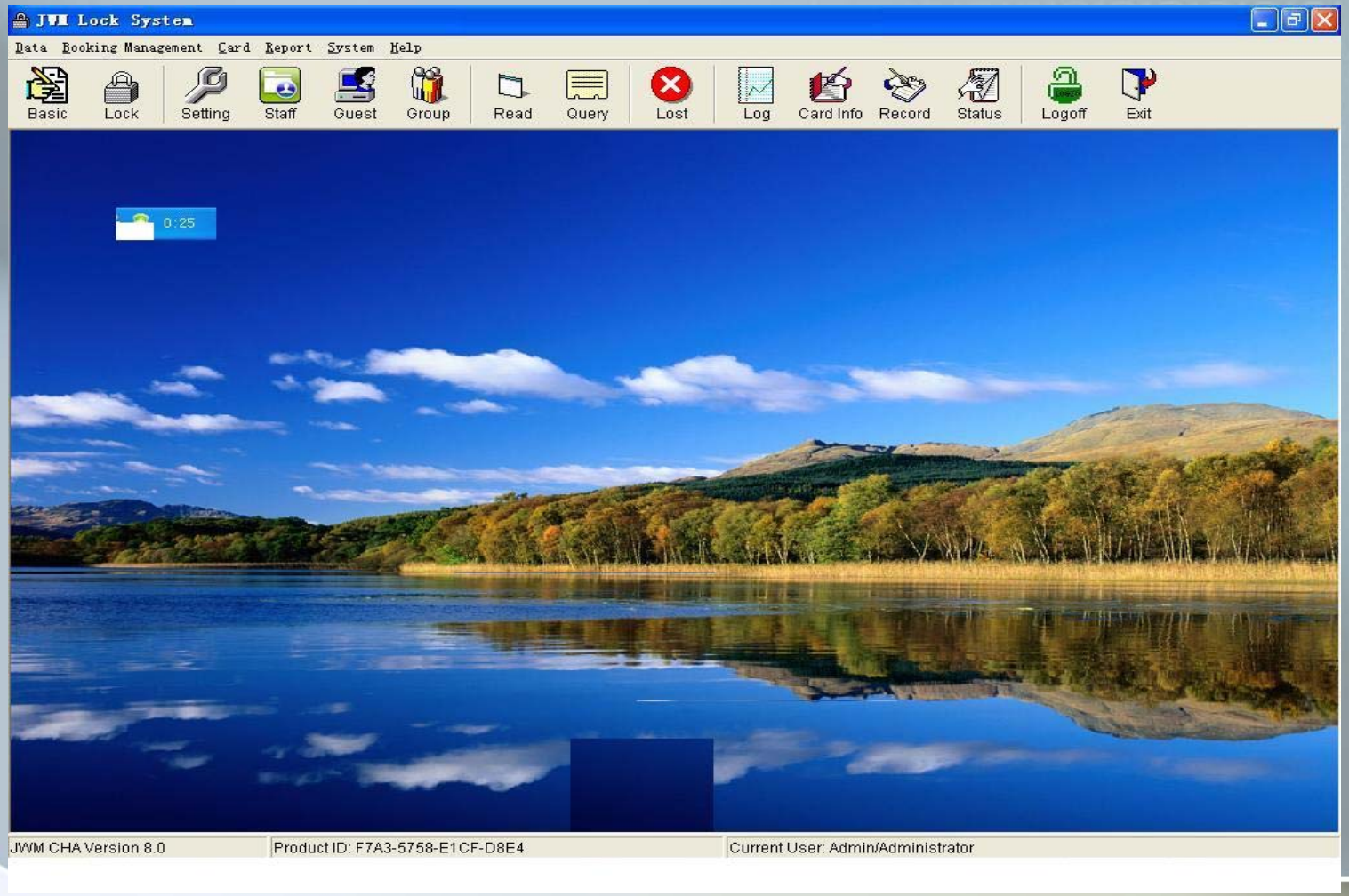
JWM Hotel Lock Management Software

- Use SQL Server to manage door lock software
  - More stable, safe and convenient
- English and Chinese version for the system

JWM Hotel Lock Management Software

Detailed instructions in the software is provided

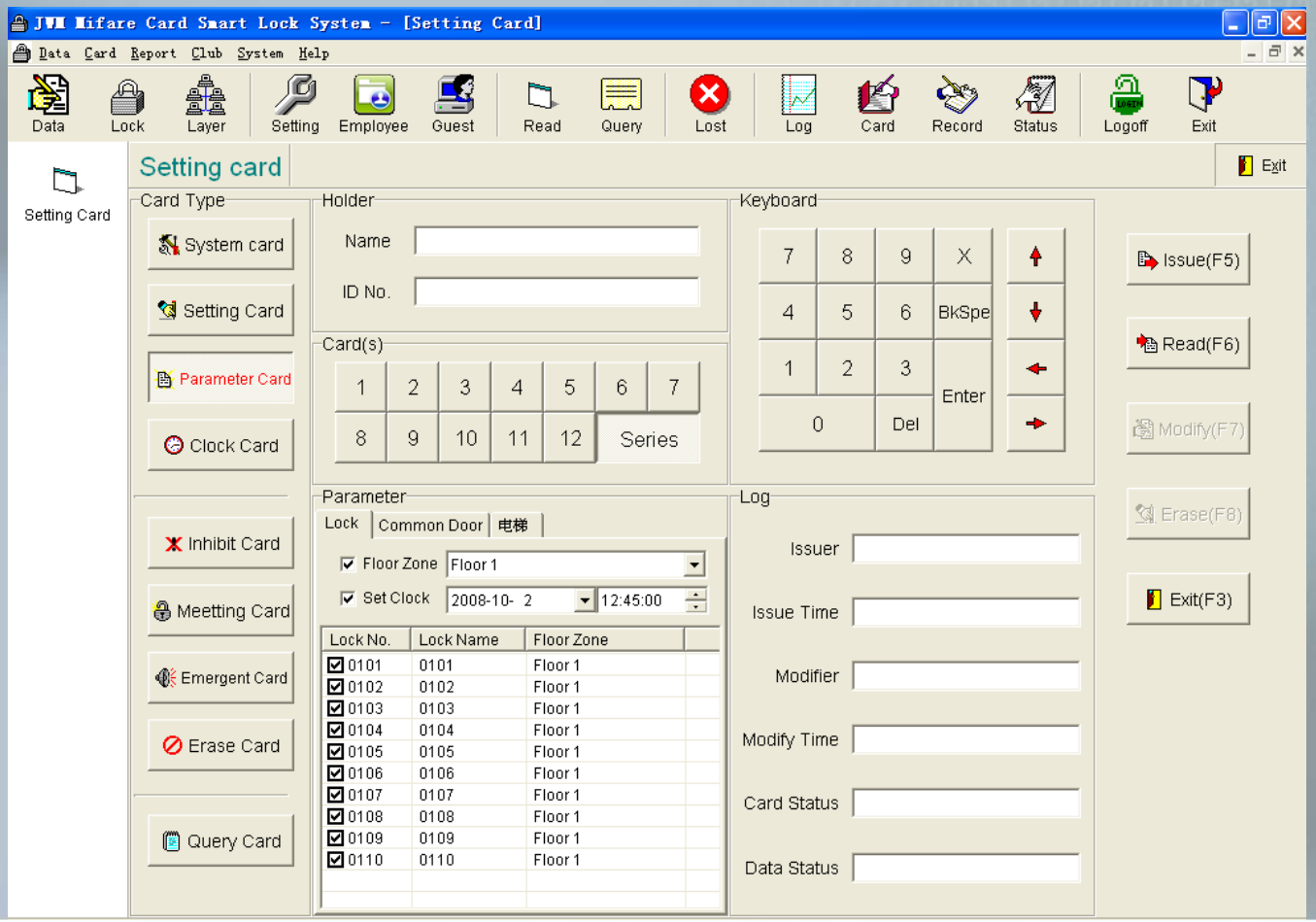
- Easier to learn the operation of the system



JWM Hotel Lock Management Software

Issue Parameter Card

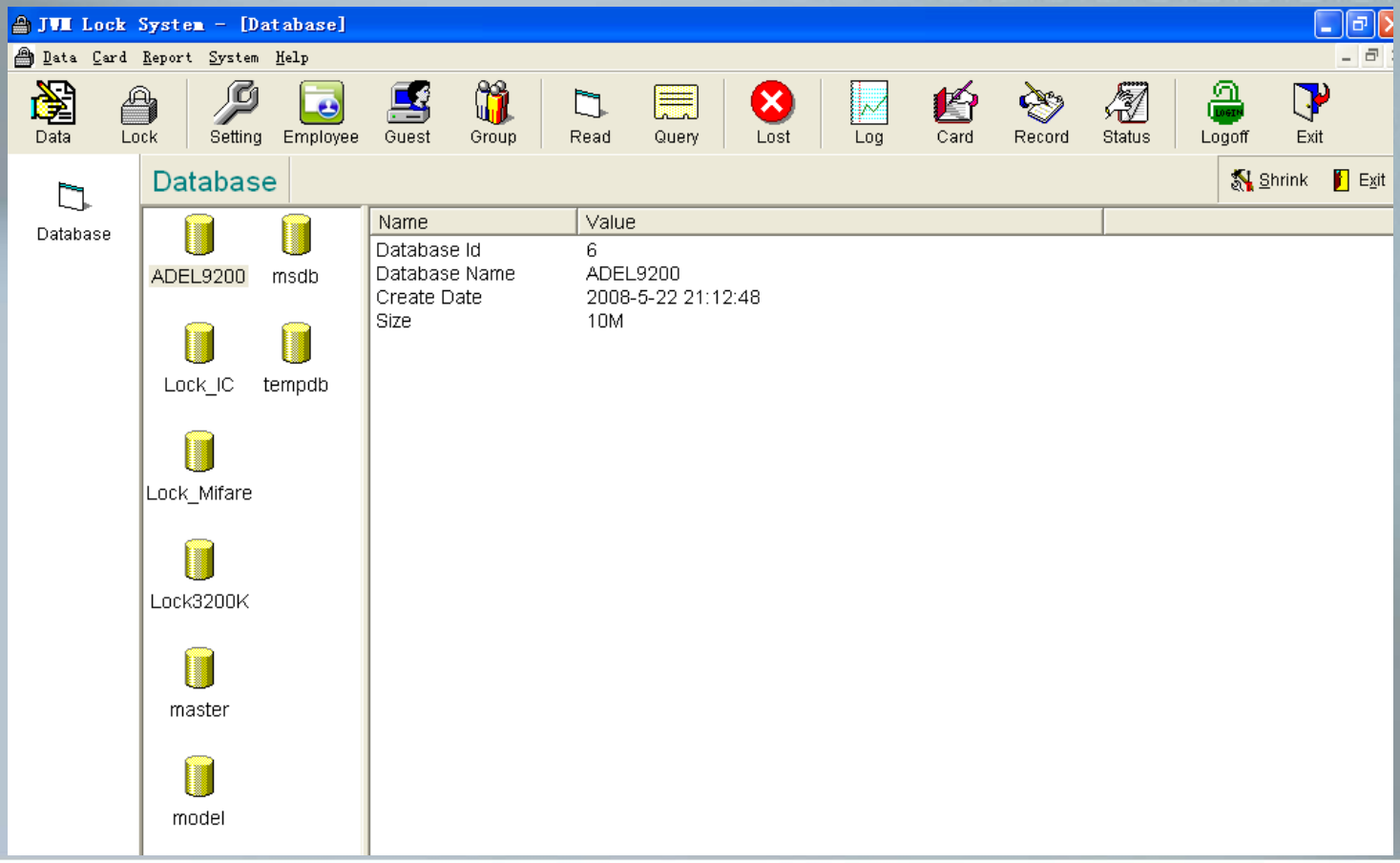
- Parameter Card can be issued after Setting Card is made.



JWM Hotel Lock Management Software

Database

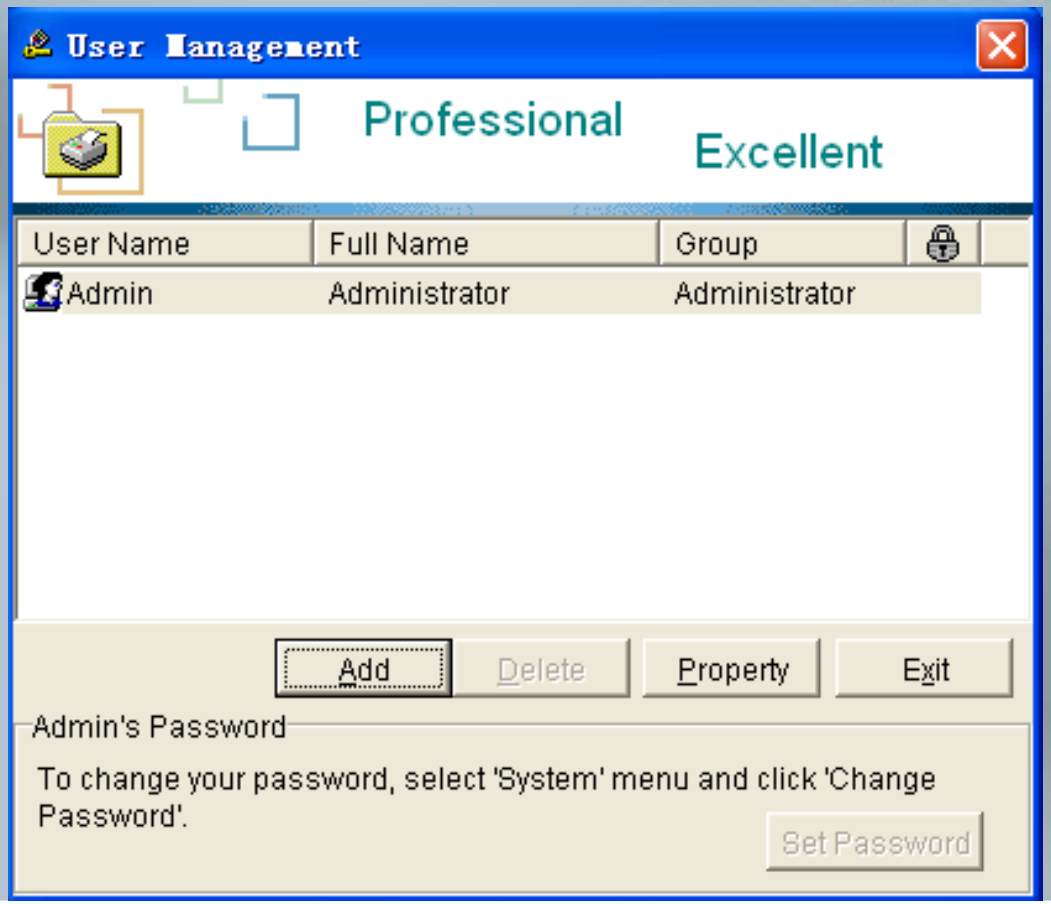
- Users need to maintain the database from time to time. Please refer to the following steps



JWM Hotel Lock Management Software

Users Management

- **Users Management comes after Role Authority. Each users should have a name when entering this system.**



JWM Hotel Lock Management Software

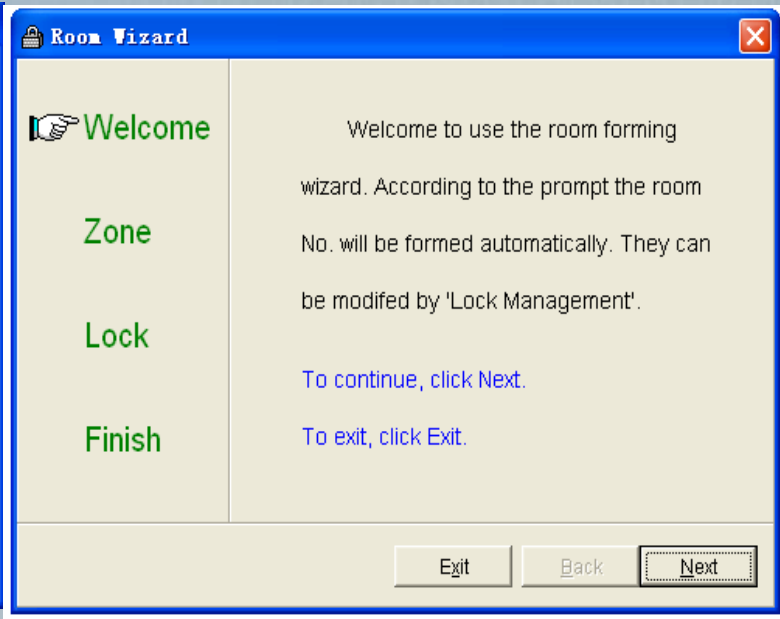
Basic Setting forGuest Room

- **Guest Room Wizard**

  Main functions: generating the foreman, floor and maid zone for a Guest Room

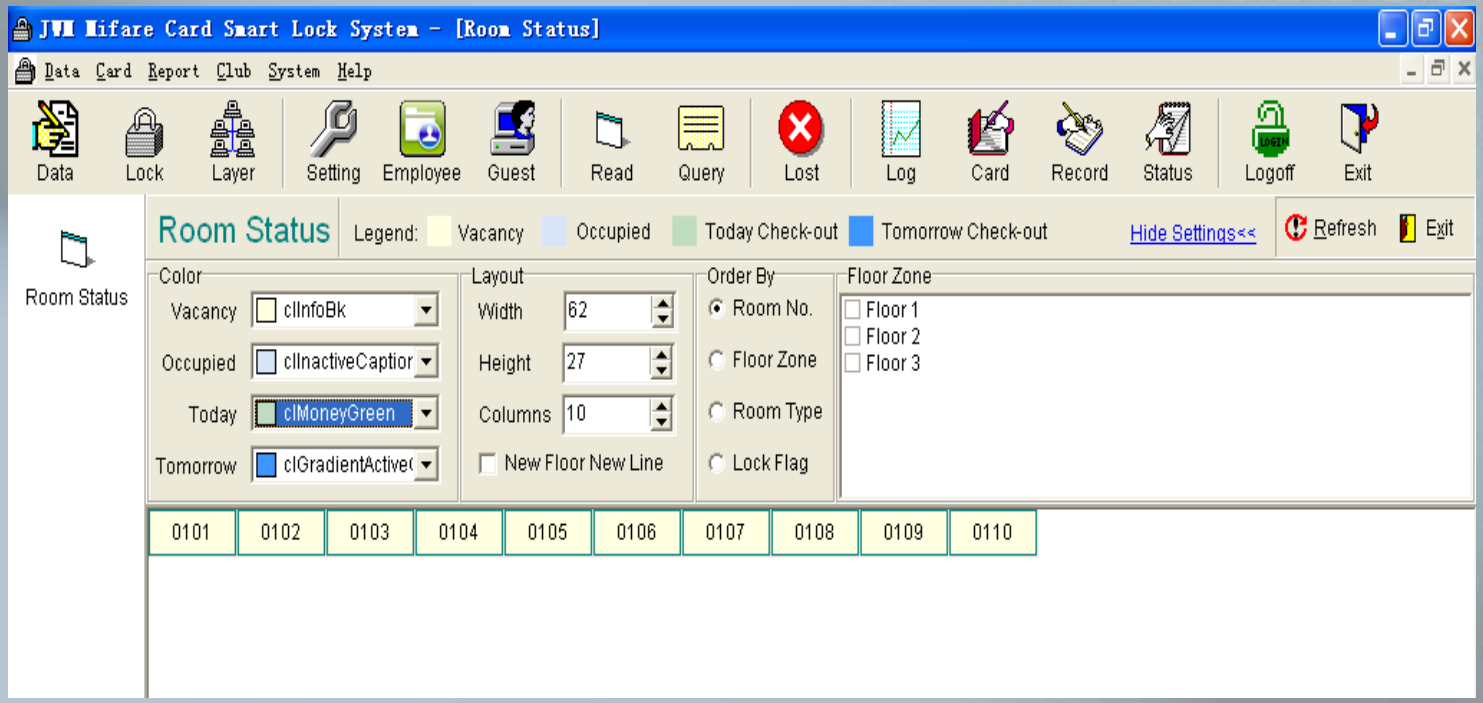
- **Guest Room Wizard**

  Function: Room numbers in the software will be made to match the room numbers on the doors



JWM Hotel Lock Management Software

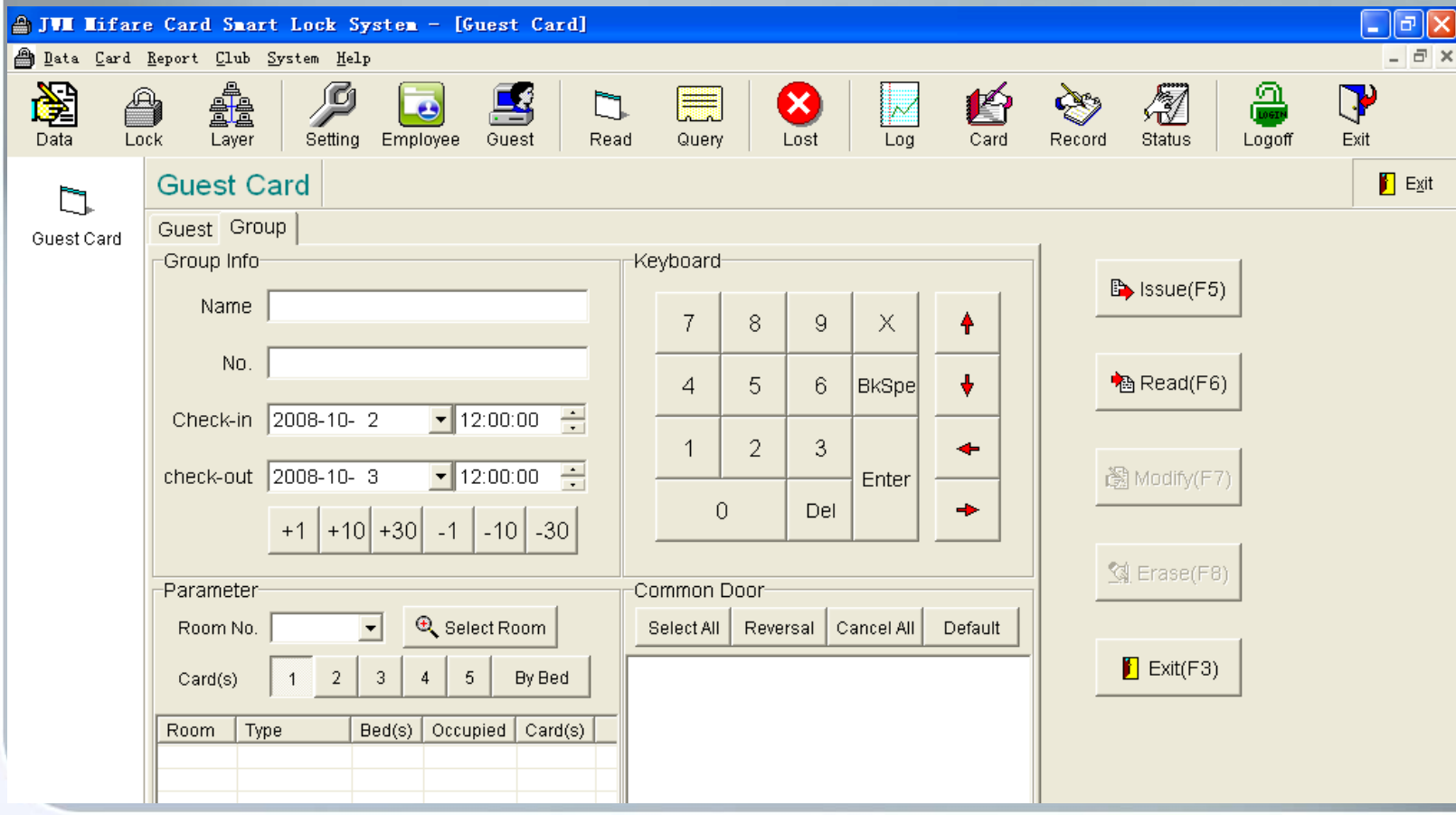
- **Issue Guest Card through room status**



JWM Hotel Lock Management Software

Issue Guest Card through room status

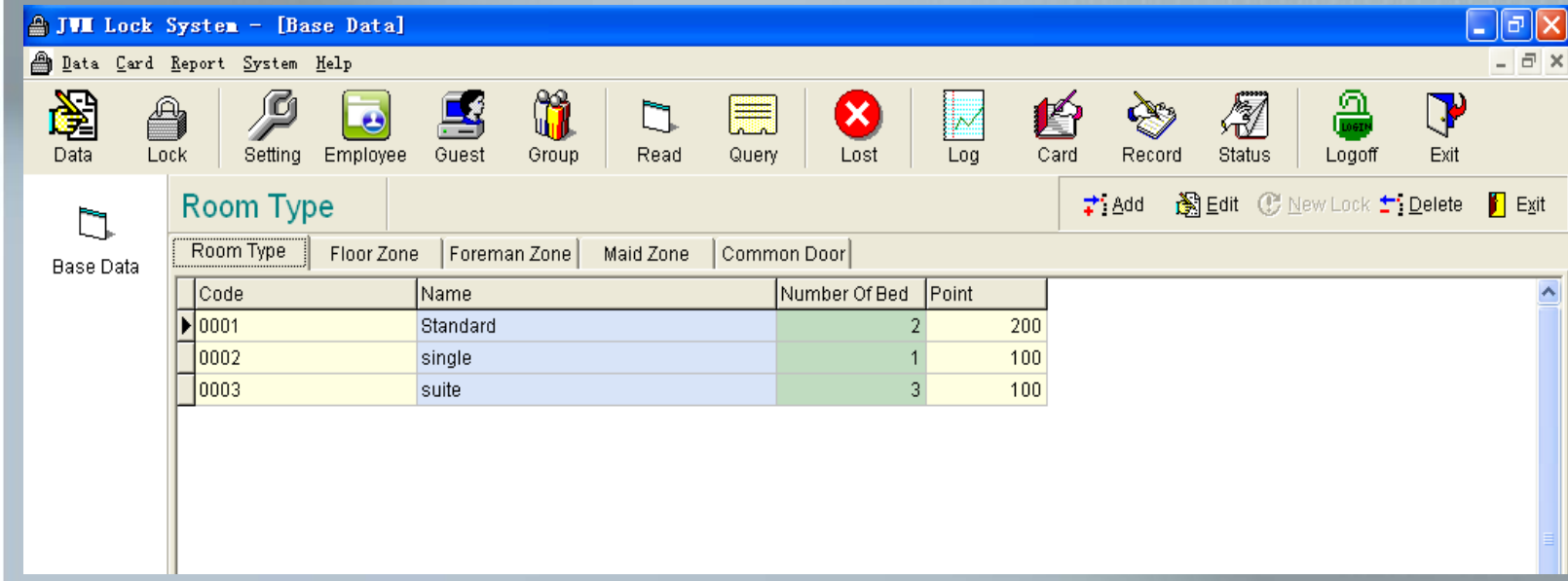
In case many guests check in in the same time(specially when there is a meeting or a group tourist), the function fo Guest card in Group is helpful to front desk,where they can issue guest cards in group and save time.



JWM Hotel Lock Management Software

- **Specifications of functions on MIFARE CARD LOCK**

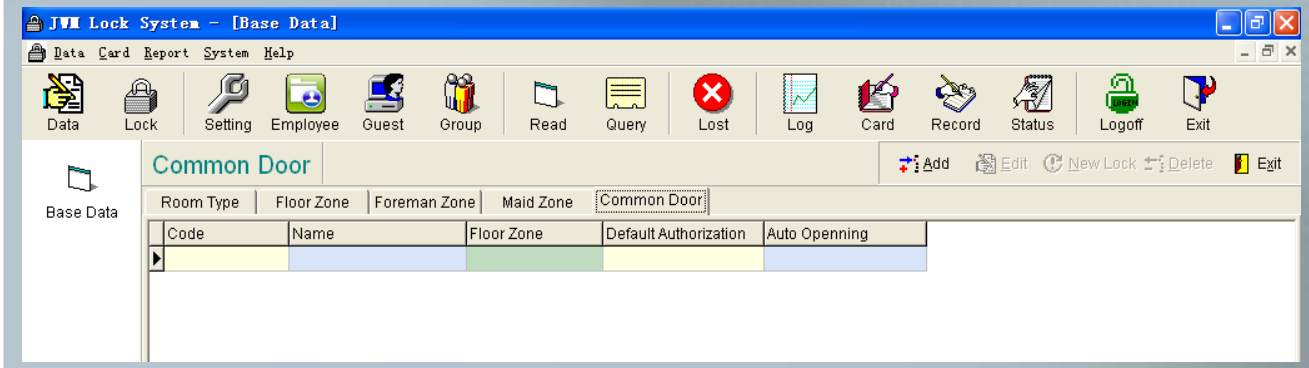
  In Chapter I, you are supposed to obtain the basic operation steps on the system. You will come to learn more about the specifications of functions on this system.



JWM Hotel Lock Management Software

- **Common Door**

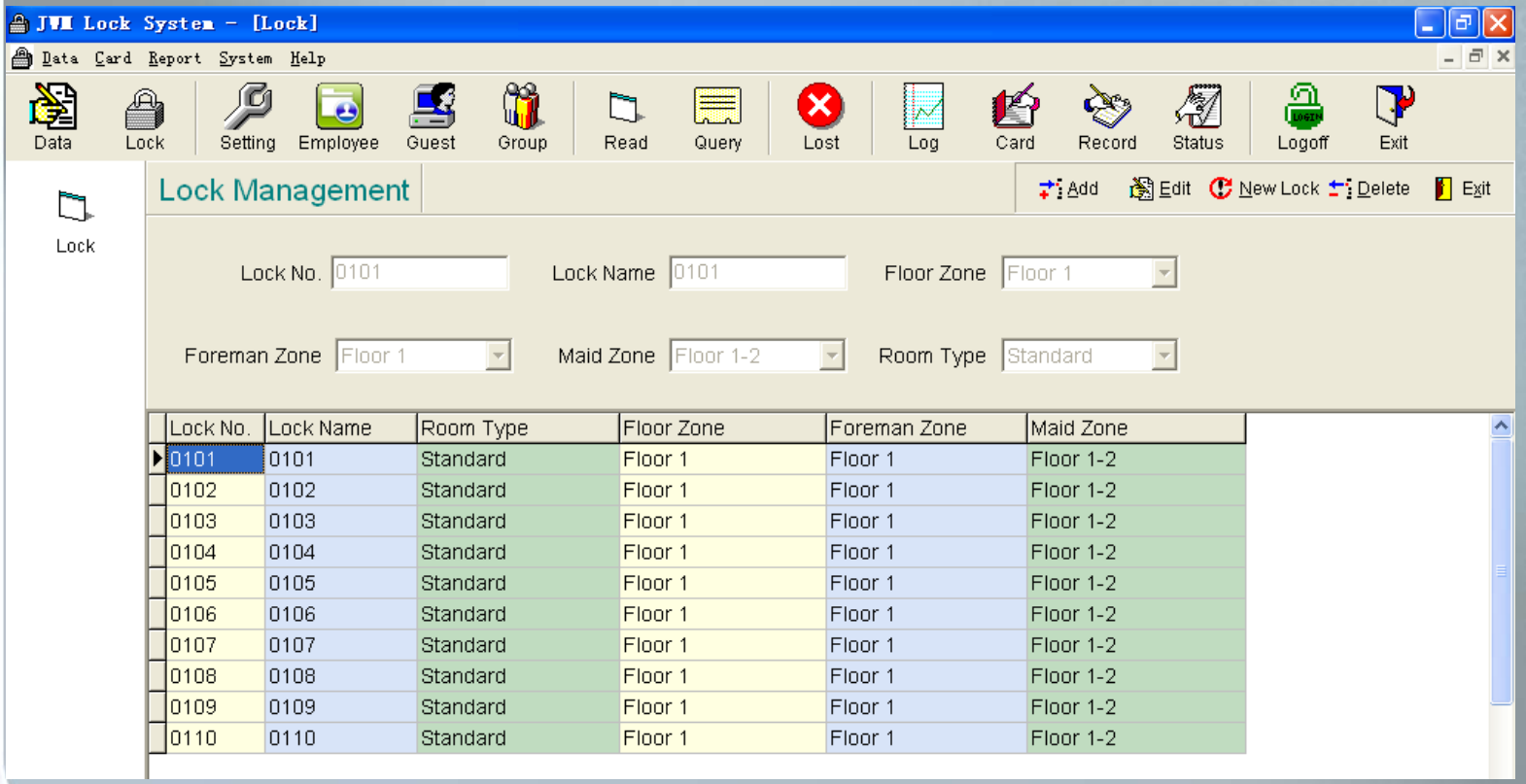
  Common Door means a passage where a guest needs to pass before going into the guest room, who includes a Hotel Gate(s), a Building Gate(s) (if a hotel has some more buildings in order that guests in Building A can't get accessed to Building B when each building has a passage),or Floor Door(s) (in order that guests in Floor 3 can't visit Floor 4) .



JWM Hotel Lock Management Software

■Lock Management

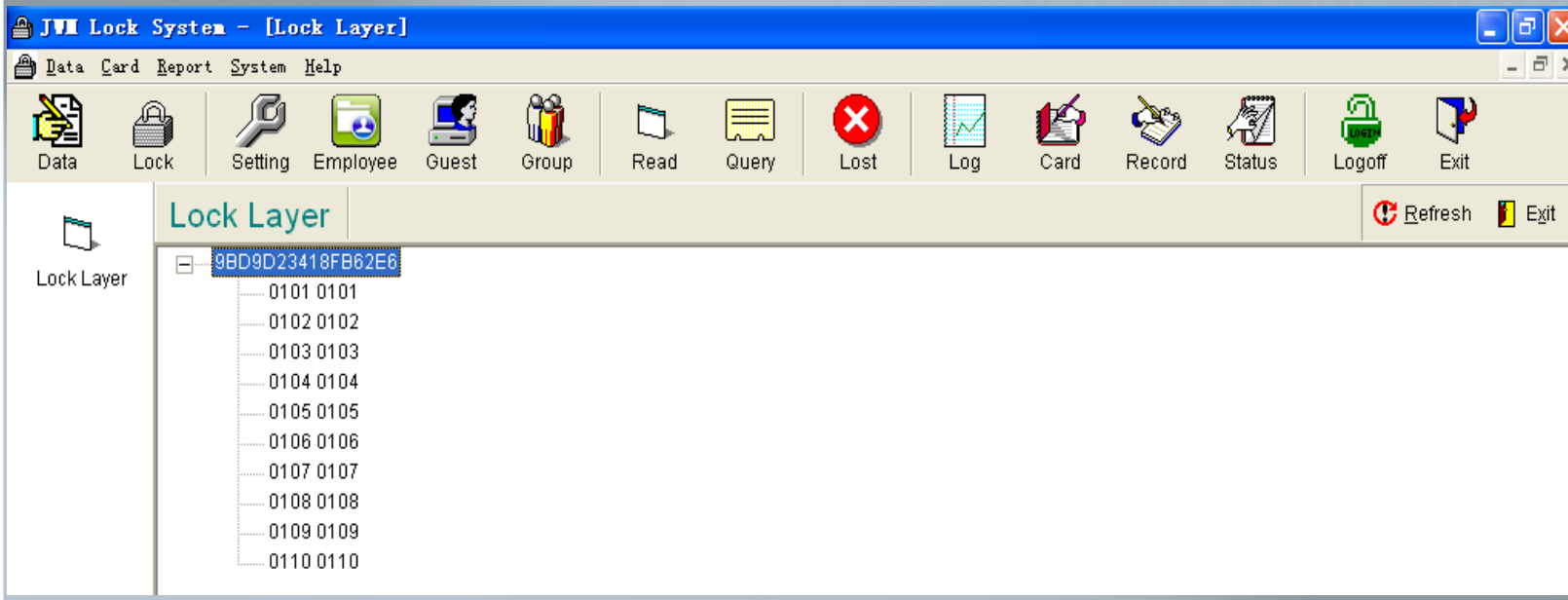
You may edit, delete or add a room in the software when rooms are wizarded in beach.



JWM Hotel Lock Management Software

- **Layer Management**

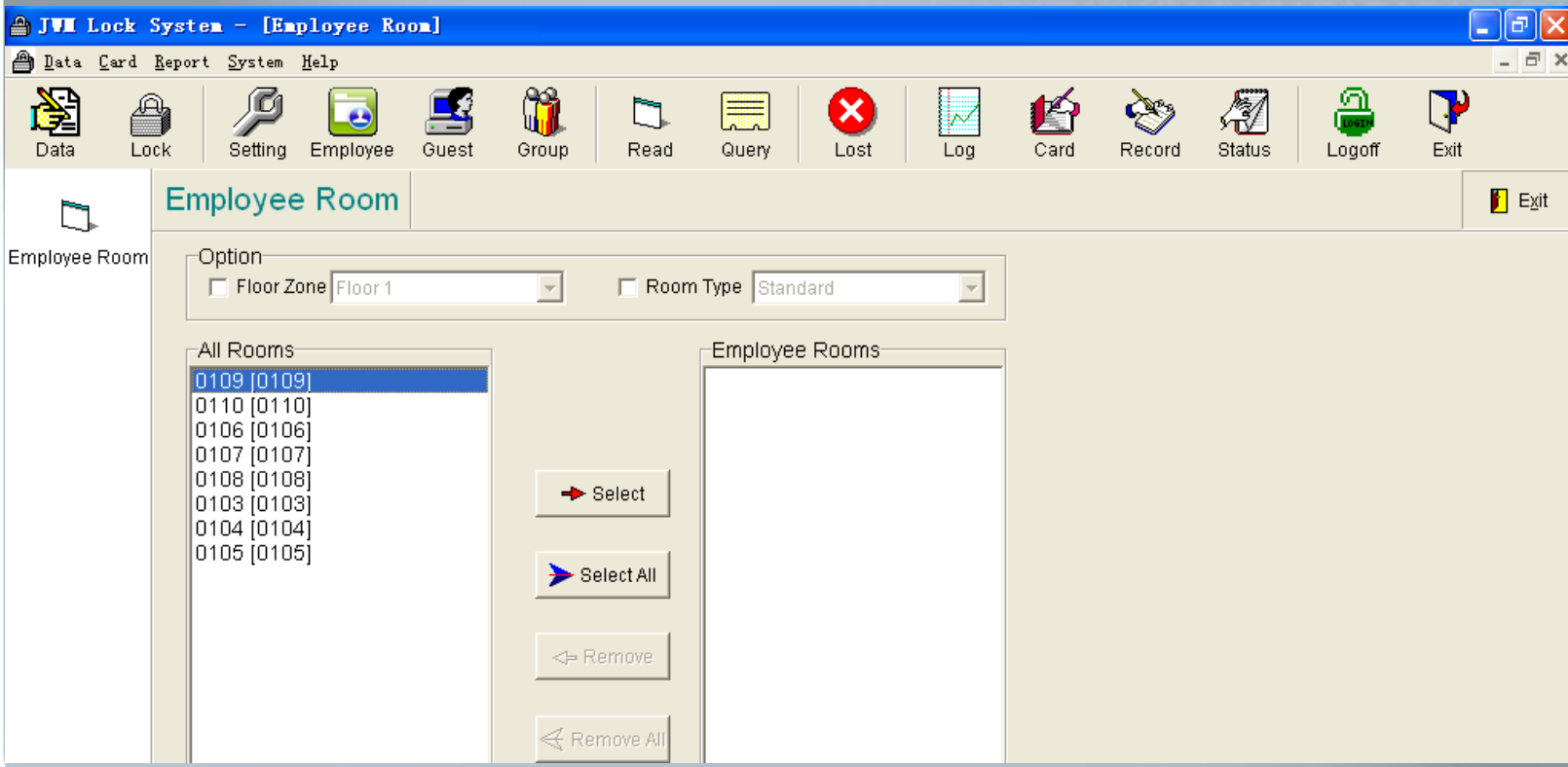
  In many cases, a suite may have more than 2 guest rooms. A guest card should open the suite's door before getting accessed into his/her guest room. A Layer Card is needed to program all the locks in this suites



JWM Hotel Lock Management Software

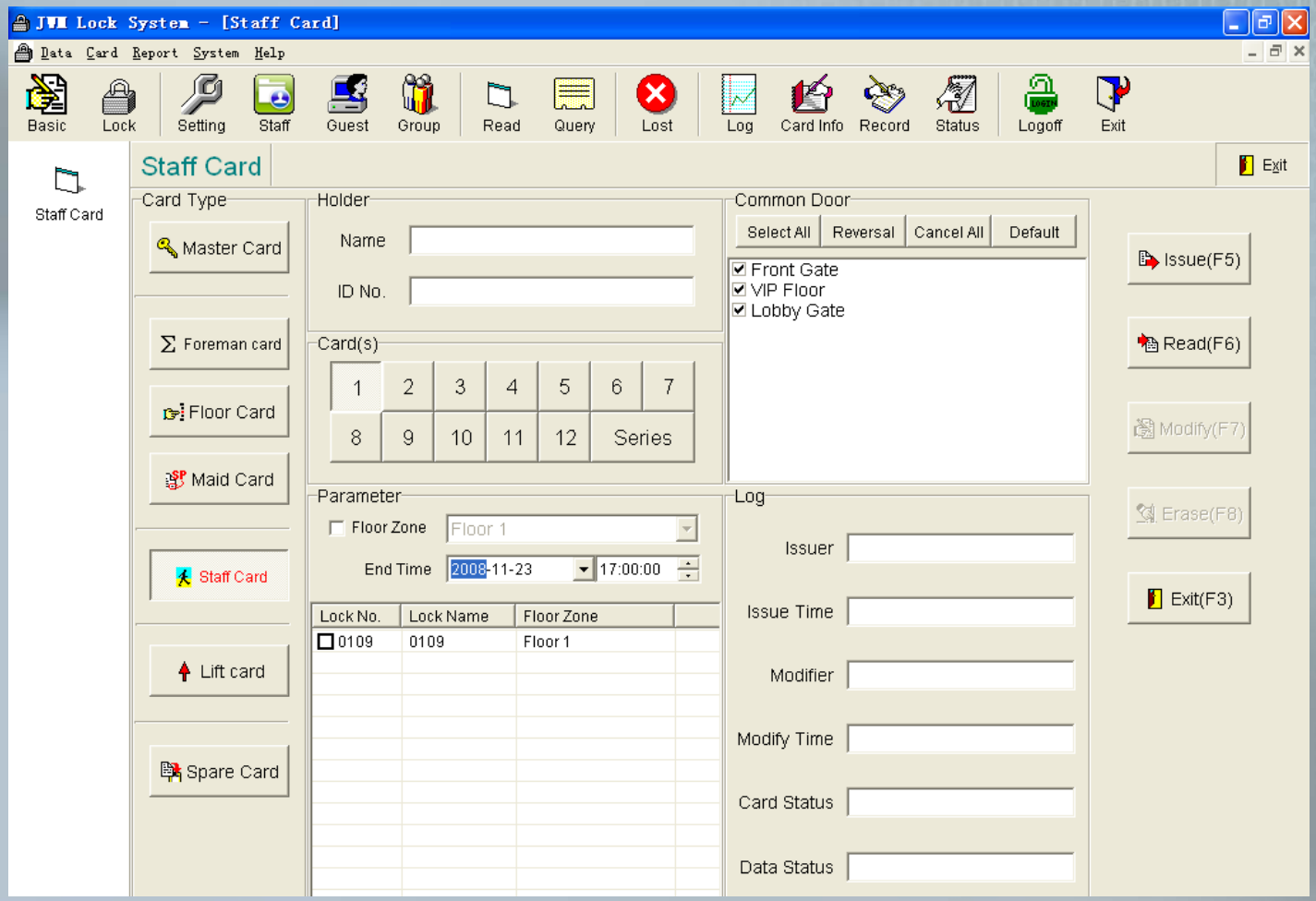
- **Staff (Office)Room**

  In a hotel, some rooms may be used for staff or office,the locks can be programmed with with the function of Staff(Office) Room.



JWM Hotel Lock Management Software

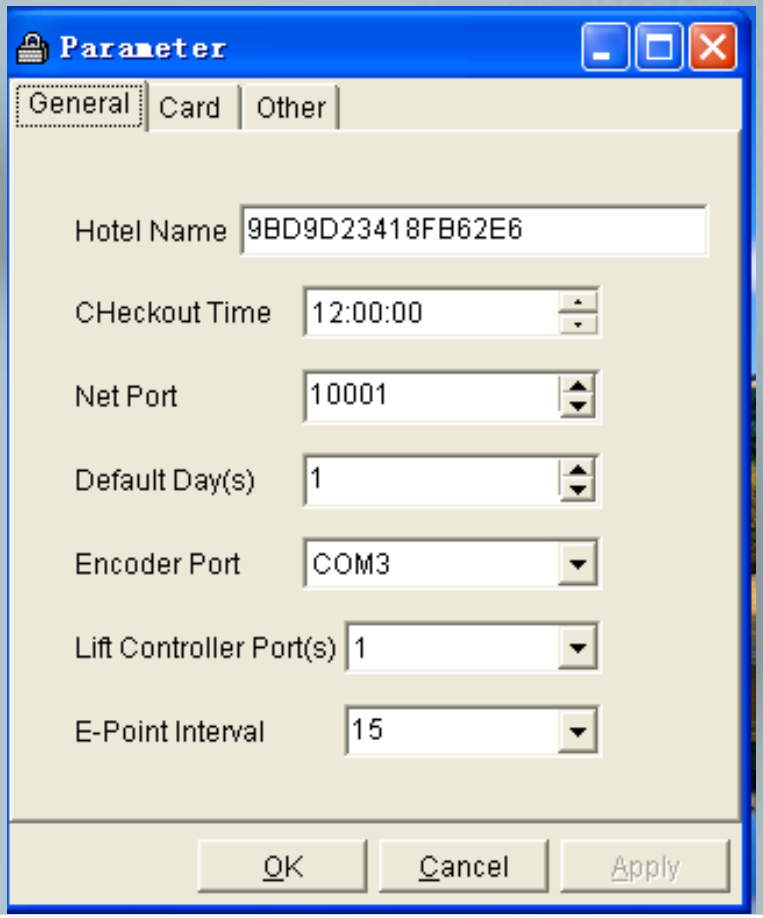
Issue Staff Card



JWM Hotel Lock Management Software

- **System Maintenance**

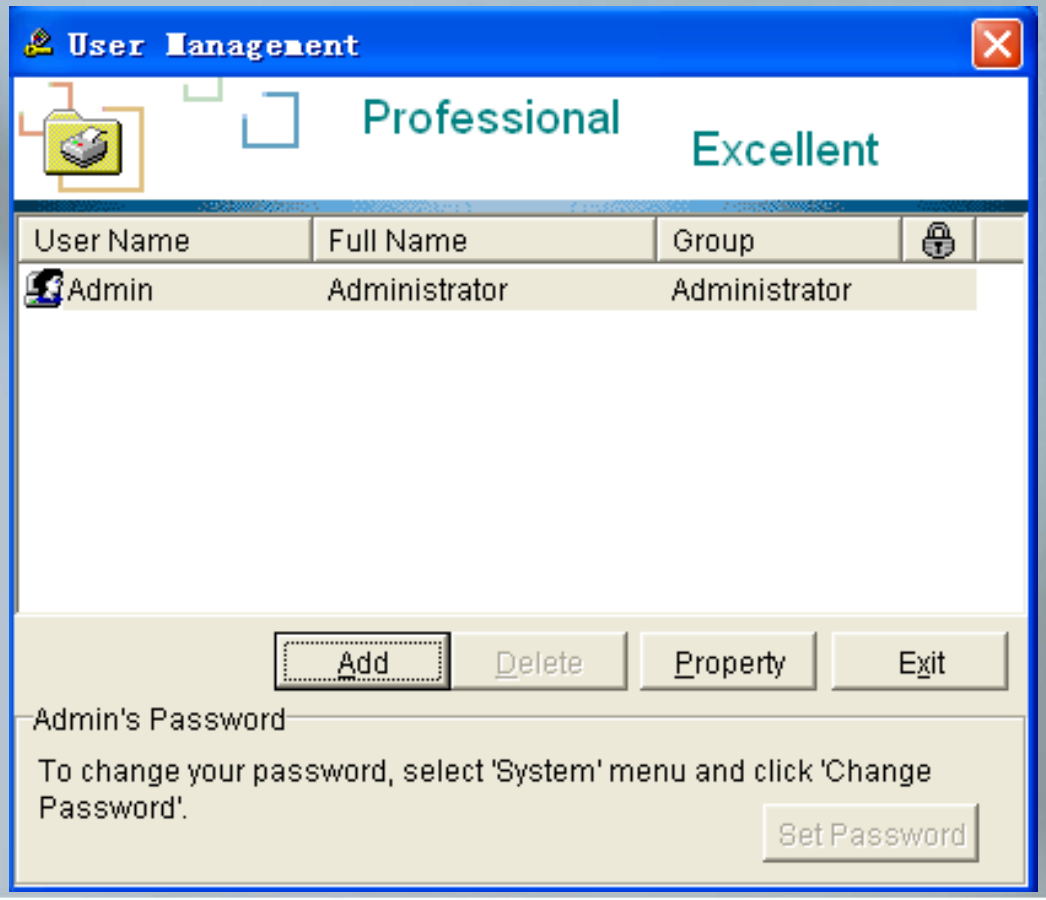
  There are System Parameter, Database, Group, Users, Language, Change Password under the menu of System.You can add or edit each items



JWM Hotel Lock Management Software

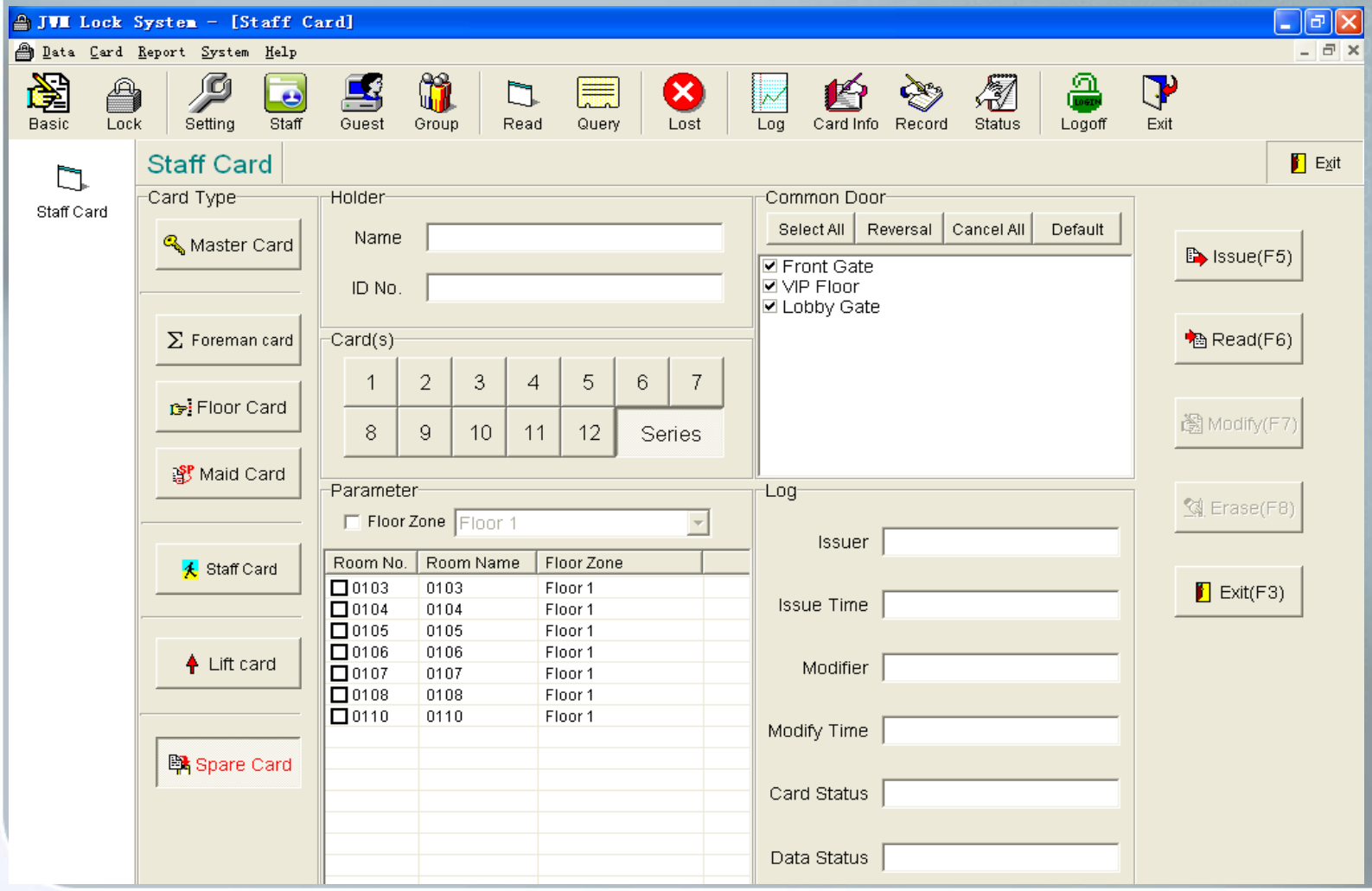
- **Users Management**

  Users Management comes after Role Authority. Eacha users should have a name when entering this system



JWM Hotel Lock Management Software

- **Issue Spare Card**



JWM Auxiliary products for hotels

4th-generation Intellectualized Energy Saver

Specification:

- Intellectualized recognition, prevent illegal card to get power;
- Conform to relevant CEC and EU standard;
- Suitable for voltage standard of all countries worldwide;
- Low-power technology;
- Special protection circuit design;
- Frequency modulation technology, make a big reduction of EMI

Energy Save is a delay switch designed to save electricity for hotels. When guests check in, they need to insert the key card into energy saver to get power, then the light/TV set/socket could be used normally. When they leave room and remove the card, the power will be off automatically to save power.

JWM Auxiliary products for hotels

Encoder

Encoder:

JWM Encoder is convenient connecting to computer by USB interface. As a hardware platform of issuing/reading/ testing card, JWM encoder has characteristics of small size, multifunction, quick sense, convenience and high speed.

Data card

Data card:

Using Philip high capacity card as data medium, could download and analyse all data exactly and conveniently.

JWM Auxiliary products for hotels

Key card

Key card:

Using Philip M1 card as data medium, could set data freely for about 100million times. The artwork of card surface is optional according to customer's design.

Elevator Control:

Elevator Control:

JWM Elevator Control supports all-in-one card and could control 1~8 floors separately. It provides 485 interface for network using, and has functions of cut-off protection/ emergency button/time controller /refusing illegal cards. It works at voltage of 9~36V.

Technical Specifications

·

Technical Specifications

·

· Operation platform: LINUX
· Hardware platform： Maincon
· Identification time: ＜1 second
· Record capacity: 80000/120000
· Way of communication:RS232/RS485 TCP/IP, realtime
· Temperature operating: -10℃---65℃
· Humidity operating: 15%---80%
· Support language: Chinese, English, and Multi language.
· Standard: ID card
· Optional: HID/Mifare card, Schedular bell, USB host, short message, Workcode, Printer, 5V UPS

Product introduction

- **Product introduction**
- Delicate exterior, LCD with four lines display, digital keyboard very convenient to input numbers. Its transaction storage can reach 80000 records; can be hung on the wall; developed on the basis of hardwre platform. Is maincon

Benefits

· Built in 32 bits RISC CPU
· Embedded LINUX operation system
· Standard TCP/IP communication
· Built in WEB LINUX SERVER browser
· Built in multi-language interface
· The Public and private short massage that can be sent to defined person

JWM Service

- **Aim of service:** Fast, considerate, hospitable;
- **Ideal of service:** Honesty-based and service-oriented;
- **Guarantee of service:** We offer free one-year quality warranty and life-long maintenance services;
- **Content of service:**

After many years testing of different environment, with support from customs all over the world, JWM built complete technology system and measurement for service of before-sale,in-sale and after-sale, these include: products introduction, consultant, program designing, system supporting, installation and adjustment, personnel training, maintenance, and version upgrading etc. All is for customer's comfort and satisfactory.

The End
Thank You