VingCard® Elsafe

ASSA ABLOY

BEYOND IN-ROOM

SECURITY

ELECTRONIC LOCKING SOLUTIONS BY VINGCARD

CONTENTS

PARTNER

THE COMPANY VINGCARD ELSAFE

Since revolutionizing the hospitality industry in 1979 with hotel security solutions, VingCard Elsafe has continued to lead the market by continuously introducing innovations to the industry. VingCard Elsafe is dedicated towards providing electronic security solutions to the hospitality industry and facilities where people sleep away from home, and is recognized as the established worldwide leader within the industry.

We are where you are. With our sales force, covering all corners of the world, we have secured thousands of properties and millions of rooms. VingCard Elsafe is your true global security partner, dedicated to offer you advanced security solutions and peace of mind for both hospitality providers and their guests.

Peace of mind when your guests are away from home

Our Scandinavian design represents quality, functionality and durability, a concept that is well-known throughout the world. Since the invention of the first card lock system in 1979, we have continued to deliver high quality products focusing on securing hotel guests, their belongings and your property.

With VingCard you can unlock your door to endless possibilities because we know what it takes to unlock the true potential of your security solutions.

For more information about our product offerings, please visit: www.vingcardelsafe.com - products.

Strength through Reliable Quality

Since the beginning, we have continued to deliver high quality electronic locks to the hospitality industry through experience, knowledge, modern technology and the finest materials. By focusing on modern manufacturing facilities, internal resources and a close dialogue with our customers, VingCard has been able to continuously develop solutions matching customer needs.

Designed according to the most demanding ANSI grade 1 standards, VingCard's electronic locks are tested to more than 1 million openings. Based on a heavy duty mortise lockcase and a solid escutcheon, the lock is as solid as it is secure. Solid brass handles fastened on the inside of the escutcheon with self lubricating long life bearings ensure maximum security and a true quality touch and feel.

Continuous Research and Development

Since 1979, research and development has been a key element for us in finding new solutions for the future. By working together as a team, using our learning experience from the market and combining this with our know-how, we are able to develop tomorrow's solutions.

Features and Flexibility

VingCard electronic locking solutions provide you with all the features you will need to manage your hotel operations and offer security and peace of mind to your guests. Our locking solutions provides total flexibility, adapting our solutions to your specific needs.

Serviceability

The modular construction makes it easy to change and service parts without changing the complete lockset. Due to our future proof philosophy the lock software can at any time be upgraded in the field when needs change without changing or removing any hardware.

User Friendly

When investing in any of our electronic locking systems, you are guaranteed a user friendly and low maintenance solution that will help your hotel operations and staff interaction.

Service

Service has always been an important part of our offering. Wherever you are located and whatever kind of product you use, we provide support and guidance.

VingCard Elsafe's sales and support organization spans the globe. This allows our valued customers to enjoy the benefits of our worldwide resources, along with the convenience of local service and support.

Committed to a partnership with our customers in the hospitality industry, VingCard Elsafe believes that every customer is a customer for life. Our installation and training programs demonstrate this commitment. Technical support is always close at hand to answer any questions you may have, so you can get the support you want, when you need it. 24 hour 365 day support may be chargeable in some countries or be provided during reduced hours.

VingCard Elsafe offers the world's largest support, service and sales organization for your convenience.

So stay with the leader, Stay Smart – VingCard Elsafe.

Design & Flexibility

It is understood among hoteliers, architects and interior designers that the hotel corridor is the introduction to the room, and that electronic locks have provided very few aesthetic alternatives.

Finding the most relevant and compelling design options thus required significant understanding of global hospitality design trends. Careful analysis of different hotel environments and styles around the world suggested that flexibility in design options was the key to success.

VingCard electronic locks were especially designed with both new construction and major hotel renovations in mind to fulfill the desire for design continuity for hotel corridors, guestrooms and other hotel areas.

Reliability & Security

Our commitment and strength is to offer the highest reliable security for both your hotel and your guests. Through experience, knowledge and modern technology, VingCard has continued to deliver just that in over 30 years.

VingCard Elsafe is known worldwide for its security and reliable solutions, wrapped in a flexible and powerful operating system.

When security counts, you can count on VingCard Elsafe.

Functionality

VingCard electronic locks are fully equipped with all the features and system capabilities that have made VingCard the favorite choice when security counts in the hospitality industry.

VingCard electronic locks offer your property and guests the highest flexibility and security regardless if you choose our magnetic stripe, combo (magnetic stripe and smart card) or the latest contactless RFID technology. VingCard electronic hardware and technology is designed to allow future upgrades and thus make your investment last.

VingCard operating systems are feature-rich, easy to use by your staff, and easy to interface with any PMS and POS, Hotel Kiosk and other hotel systems.

FLEXIBILITY

Research, Human Factors, Ergonomics & Ease of Use

electronic locks are the result of a development process where the interaction of the product and the end-user is critical. Human factors and how the end-user interacts with the electronic lock were significant in the research in order to ensure that VingCard electronic locks become the first truly ergonomic electronic lock in the market.

Too often, 'Ergonomics' have been about style, but it is much about design comfort for the end user. Industrial designers' advanced expertise in ergonomics and human factors helped identify the right location and height range of the reader and handle allowing to best accommodate the largest population of potential users.

All VingCard electronic locks have been designed with the end-user, human factors and ergonomics in mind. It ensures an intuitive use and comfort level both for your guests and your staff.
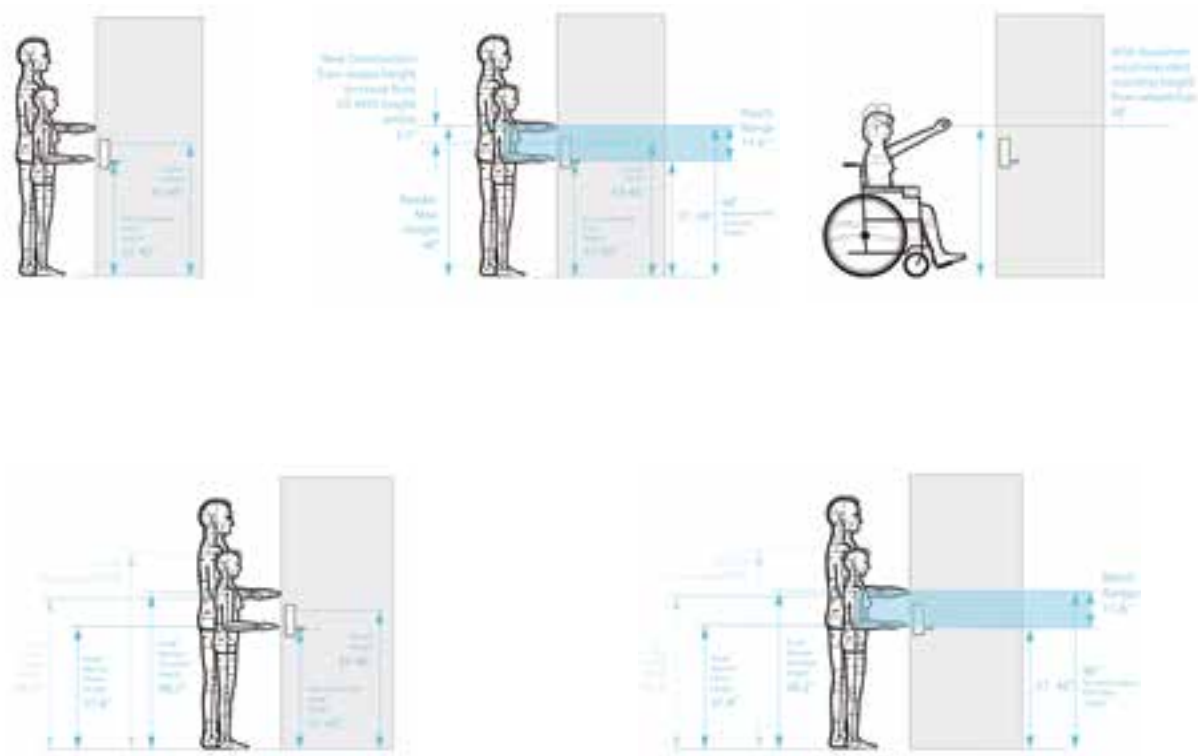
RFID TECHNOLOGY
Radio Frequency Identification (RFID) technology in electronic locking systems for hotels.

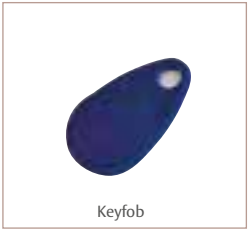## Radio Frequency IDentification, contactless technology

Both Essence, E-Cylinder, Signature RFID and Classic RFID share the same technology together with the RFID safes from Elsafe. Our RFID locks offer the latest Radio Frequency Identification (RFID) technology with the most flexible platform for future applications:

- 13,56MHz technology.
- Compatible with following standards:
    : ISO 14.443 A (MIFARE)
    : ISO 14.443 B
    : ISO 15.693

- Compatible with Near Field Communication (NFC):
  (NFC technology enables RFID communication between our electronic locks with NFC-ready latest generation cell phones).

    : Guests can receive the booking confirmation, an encrypted room key and room number to their cell phone by SMS prior to their arrival, thus no need to check in at front desk.

NFC FORUM
www.nfc-forum.org

RFID Carriers

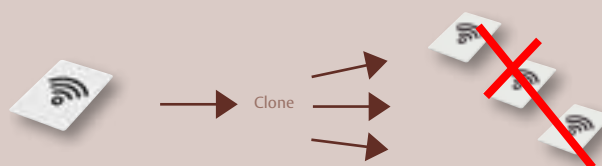|			
Long lasting staff and guest keycards	Keyfob	Wristbands	NFC Cell phone

- **Benefits with RFID technology:**

- More **Guest Satisfaction:** Unmatched ease of use for guests of all ages. No need to insert the keycard, more intuitive.
- More **Security:** Anti-cloning technology for all guest and staff cards. Unlike magnetic stripe whose keycards can be cloned, RFID technology allows powerful anti-cloning solution.
- More **Adaptability**: RFID keycards and carriers adapt to any hotel style. You can choose from low cost guest cards, long lasting staff cards, wristbands and keyfobs to perfectly match different hotel types such as Business, Resort, Spa, All-inclusive.
- More **Information and Control:** VingCard RFID electronic lock can write back information on staff RFID keycards for better information and management such as staff card audit trail, low battery   status, cylinder tamper alarm.
- More **Integration:** You can integrate and interface VingCard RFID keycards with other applications at your hotel (loyalty programs, vendor payment, etc).
- More **Exclusivity:** Provide a new experience for your customers and enhance the image of your hotel
- More **Robustness:** VingCard RFID electronic lock components are sealed and provide better performance for outdoor use.
- More **Selection:** Provides access today to next generation technologies, including NFC-cell phone.
- And **Less guess-work** out of selecting the right technology. VingCard RFID electronic locks offer 4 technology standards in 1 electronic lock.

- **Anti-Clone Technology**

Anti-clone technology for all guest and staff keycards: allows powerful anti-cloning solutions.

Clone

Essence RFID by VingCard

Stay First

Essence by VingCard revolutionizes the electronic lock industry by housing all lock components, including the reader, inside the door and therefore, reaching the maximum minimalistic expression, the true essence of an electronic lock.

Essence by VingCard takes the definitive step in minimal hardware on the door and truly blends with any design requirements, enhancing the style of your hotel and taking the user-interface experience to a new level.

Essence by VingCard makes everything else vanish, keeping only the true essence of your locking system.

A small bezel at the back will be added for RF-online communication scenarios

ESSENCE
by VingCard

INVISIBLE

Minimal hardware on the door.....
Minimal installation!

Essence by VingCard makes everything else vanish, keeping only the true essence of your locking system:

- Maximum adaptability to any hotel style
- Maximum integration within your hotel door
- Maximum experience for your guests
- Maximum security standards
- Maximum outdoor performance
- Maximum flexibility in design
- ....and Maximum camouflage! You will not see it, you will just feel the essence of a secure and reliable locking system

Signature RFID by VingCard

Stay Ahead

With Signature RFID you are provided with a stylish and modern lock that appeals to the modern hotel environment. Signature RFID is less on the door and more for you and your guests in terms of functionality and user friendliness.

Signature
by VingCard®

Signature Remotus by VingCard

Stay Trendy

Moving a step further, the new Signature RFID Remotus by VingCard takes away the reader from the door beacuse ¨Less on the door, Always is More¨.

Signature
REMOTUS
by VingCard®

CONTACTLESS

Classic RFID by VingCard

Stay Updated

Classic RFID derives from the standard Classic lock and allows you to go contactless in a few short steps if you already have standard Classic installed. With its sleek and elegant design, available in all VingCard lock finishes, you now have a second choice of getting RFID functionality depending on your choice of style.

Classic
by VingCard

RFID UPDATED

Upgrading your Classic by VingCard or Signature by VingCard magnetic stripe or combo technology reader to RFID technology is easily done by replacing the top end cap with the RFID reader unit.

- 3-5 minute operation.
- No disturbance or inconvenience for your guests.
- No need to replace the lockcase or handles.
- No drilling required.
- No downtime room availability.

e-cylinder by VingCard

Stay Flexible

e-cylinder by VingCard. The flexible and compact solution for most doors where a conventional electronic lock is not suitable. The e-cylinder is fully integrated with the VISION and VISIONLINE systems.
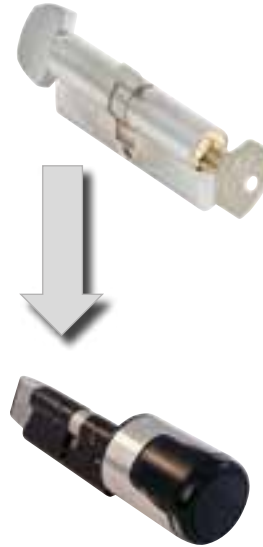
(((cylinder
by VingCard®

## Benefits with upgrading your mechanical cylinders to **e-cylinder**s

One of the great advantages with e-cylinder by VingCard is that it is designed to be a modern substitute for traditional mechanical cylinders. Few operations are needed when replacing traditional cylinders with our e-cylinder. Transforming your mechanical locking system into an electronic system, wil give you many operational benefits:

- Low cost replacement by keeping existing door trim and lockcase, only replacing the cylinder.
- Lost guest- or staff keys will no longer generate extra cost for your property. Instead, all you need to do is to encode a new card which will automatically cancel the old one once used.
- Anti-cloning technology prevents unauthorized key copying.
- Easy to generate and change room access matrices for employees.
- An internal memory in the e-cylinders will give you a detailed audit trail of all cards/carriers that have been used in the lock. For online systems, the audit trail events are sent to the system software.
- Improved guest perception through state of the art technology.
- Flexibility in RFID carrier selection; keycards, wristbands or keyfobs.

Operating the e-cylinder by VingCard

The e-cylinder by VingCard is very intuitive and easy to use and operate as it controls a mechanical lockcase just like a traditional mechanical cylinder would. When a valid credential is presented, the knob can be turned to lock/unlock the locking mechanism in the lockcase exactly in the same way as using a metal key.
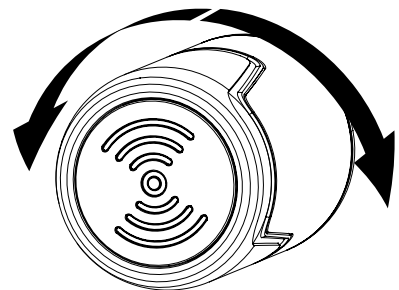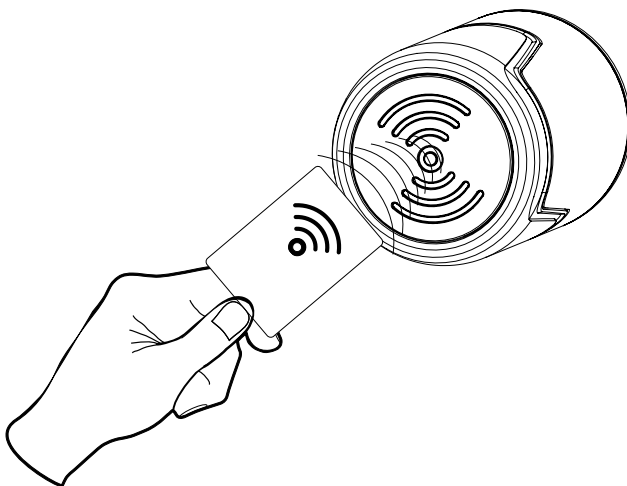
Signature by VingCard

Stay Cool

Where the design integrity of the property is top priority, there is a desire for the necessary hardware to blend into the environment, becoming invisible to the end-user. Signature by VingCard is design conscious and appeals to the most sophisticated styles in hotels worldwide.

• Signature Trend by VingCard

Signature Trend by VingCard is especially suited for contemporary and modern hotel environments. It enhances the overall image of the corridor with the slim and discrete escutcheon which perfectly blends into the door, creating a pleasing image.

• Signature Décor by VingCard

Signature Décor by VingCard has been designed with the classic and decorative hotel styles in mind. With its elegant, curved escutcheon, Décor provides an exclusive image with the ambience of a classic and decorative style, enriching the overall atmosphere.

• Quick path to RFID technology

Upgrade your Signature by VingCard magnetic stripe or combo technology reader to RFID technology by replacing the reader unit and escutcheon.

- 3-5 minute operation.
- No disturbance or inconvenience for your guests.
- No need to replace the lockcase or handles.
- No drilling required.
- No downtime room availability.

Signature
by VingCard®

DESIGN

Optional Designers' Collection

VingCard has partnered with the following renowned designers through the famous Italian handle crafter Valli&Valli: Norman Foster and Partners, Gustav Peichl, Antonio Citterio, Gregotti Associati, Sottsass Associati and Taller Design Ricardo Bofill. Our designer handles are compatible with both Signature and Signature RFID.

Because your hotel requires the most exclusive and luxury touch, and you want to offer a personal and unique experience to your guests, Signature by VingCard has created an optional Designers' Collection in order to offer you the most extensive and exclusive designer handles for electronic locks today.

For more information on our Signature electronic lock, please request the specific Signature brochure or visit our website: www.vingcardelsafe.com

DESIGNERS' COLLECTION

In partnership with

Classic by VingCard

Stay on Track

Classic by VingCard is VingCard's first electronic lock solution and has become a preferred lock for quality conscious hoteliers around the world. With a wide range of finishes and handle options, you will always find something to suit your need.

• A long term investment

Classic is the lock that made the name VingCard synonymous with guest room security.

With its sleek and elegant design, available with a range of attractive styles and finishes, you are able to match the appearance of your locks with the style and interior of your hotel.

Real time technology ensures that guests block out all previous guests the first time they insert their keycard in the lock, at the same time as the lock logs an audit trail of all lock openings in a non-volatile memory.

Classic by VingCard, quality and reliability in one piece.

Classic
by VingCard ®

LOCK COMPARISON CHART
Feature listing for VingCard guestroom locks

Features	Essence	Signature RFID	Signature
Lockcase	ANSI, EURO, US ANSI, JPN and AUS	ANSI DB, EURO, ANSI DA, JPN and AUS	ANSI DB, EURO, ANSI DA, JPN and AUS
Panic release	Yes	Yes	Yes
Auto deadbolt	Optional	Optional	Optional
Mechanical override	Optional (recorded in audit trail)	Optional (recorded in audit trail)	Optional (recorded in audit trail)
Escutcheon material	N/A	Proximity sealed polycoated reader	Solid Brass
Solid brass handles	Yes	Yes	Yes
Cylinder tampering alarm	Yes	Yes	Yes
Reader technology	RFID	RFID	Mag. stripe and combo
Flash RAM technology	Yes	Yes	Yes
Upgradeable reader technology	-	N/A	Yes, from mag. stripe to combo or to RFID
RFID upgradeable	-	N/A	Yes
RF-online upgradeable	Yes [1]	Yes [2]	Yes [2]
Anti-Cloning technology	Yes	Yes	N/A
On-Line software technology	Compatible with VISIONLINE by VingCard [2]	Compatible with VISIONLINE by VingCard [3]	Compatible with VISIONLINE by VingCard [3]
Off-Line software technology	Compatible with both VISION and 2800 by VingCard	Compatible with both VISION and 2800 by VingCard [4]	Compatible with both VISION and 2800 by VingCard [4]
LED display	Yes, 3 colors	Yes, 3 colors	Yes, 3 colors
Power supply	3 AA batteries	3 AA batteries	3 AA batteries
Automatic unlock/lock	Yes	Yes	Yes
Passage mode	Yes	Yes	Yes
Audit trail (lock events)	Off-line: 600 events On-line: 2000 events	Off-line: 600 events On-line: 2000 events	Off-line: 600 events On-line: 2000 events
Guest privacy function	Yes	Yes	Yes
Finishes	8 (handles + escutcheon ring)	11 [6]	11 [6]
Reader colors	Customized	5 (reader units)	N/A
Standard handles	4 + optional designer handles	4 + optional designer handles	4 + optional designer handles
Designer handles	14	11	11
UL fire listed (3 hours)	Yes	Yes	Yes

e-cylinder	Classic RFID	Classic
Most mechanical lock cases with a hole for DIN profile cylinder	ANSI DB, EURO, ANSI DA, JPN and AUS	ANSI DB, EURO, ANSI DA, JPN and AUS
Depending on lock case used	Yes	Yes
Depending on lock case used	Optional	Optional
No	Optional (recorded in audit trail)	Optional (recorded in audit trail)
Stainless steel roses and long escutcheons available from VingCard	Stainless steel or brass [1]	Stainless steel or brass [1]
Yes, if using VingCard handles with the e-cylinder	Yes	Yes
Yes	Yes	Yes
RFID	RFID	Mag. stripe and combo
Yes	Yes	Yes
-	N/A	Yes, from mag. stripe combo to RFID
-	N/A	Yes
Separate online variant of e-cylinder	Yes [2]	Yes [2]
Yes	Yes	N/A
Compatible with VISIONLINE by VingCard [2]	Compatible with VISIONLINE by VingCard [3]	Compatible with VISIONLINE by VingCard [3]
Compatible with VISIONLINE by VingCard and VISION by VingCard	Compatible with both VISION and 2800 by VingCard	Compatible with both VISION and 2800 by VingCard
Yes, 3 colors	Yes, 3 colors	Yes, 3 colors
3 AAA batteries	3 AA batteries [5]	3 AA batteries [5]
Auto engagement of clutch	Yes	Yes
-	Yes	Yes
Yes, 600 events	Off-line: 600 events On-line: 2000 events	Off-line: 600 events On-line: 2000 events
-	Yes	Yes
4 (Stainless brushed, Stainless polished, PVD SatBrass, PVD PolBrass)	8	8
-	N/A	N/A
2 (Wing and Straight)	9	9
-	N/A	N/A
-	Yes	Yes

1) Stainless steel valid on chrome/brass finishes. Brass valid on non-standard finishes.
2) Upgrade to RF-online requires electronic upgrade, network upgrade and front desk equipment upgrade.
3) Requires VISIONLINE reader parts.
4) 2800 unit requires an external RFID encoder for RFID locks.
5) Up to 3 years normal lifetime.
6) Valli & Valli collection is only available in 4 finishes (Satin Chrome, Satin Brass, Polished Chrome and Polished Brass).

Design options

Offering one of the industry's widest choice of style and handle combinations, Signature and Classic electronic lock series can be configured to truly match the design of any property.

Escutcheon & handle options

Escutcheons and handles below refers to both magnetic stripe/combo and RFID locks. Classic RFID is only available with the standard eschutcheon. For Signature series we are only showing standard handles, for more information about additional handles in the Signature series, please see our website: www.vingcard.com or contact your local sales office.

• Classic Series

Standard

Aluminium

RFID

Ship Handle

US Ship Handle

Standard Handle

Gothic Handle

Flair Handle

Special Handle (45 degrees slant)

Straight Handle

Wing Handle

• Signature Series readers

Trend

Décor

RFID

• Essence and Signature Series handles

Straight Handle

Wing Handle

Gothic Handle

Functional ANSI Handle

See page 18 for optional Desingers' Collection.
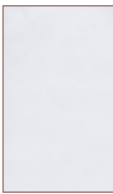
DESIGNERS' COLLECTION

Finishes

Offering one of the industry's widest choice of finishes, VingCard electronic locks can be configured to truly match the design of any property.
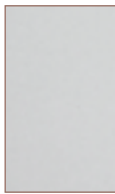
▪ Essence, Signature and Classic finishes:

Satin Chrome	Polished Chrome	Satin Brass	Polished Brass	Velour Nickel w/Polyester	Light Bronze	US Antique Dark Oil Rubbed

Additional aluminium finish for Classic by VingCard (only available for Presto handles):

Silver Anodized

▪ e-cylinder finishes

- Satin Chrome
- Satin Brass
- Polished Chrome
- Polished Brass

▪ Optional PVD finish (Physical Vapour Deposition) - for extreme conditions:

VingCard offers an exclusive PVD coated finish that protects the lock finish from corrosion, UV Beams, Salt, extreme weather conditions, aggressive cleaning products and more. PVD not only maintains the finish of the lock for longer it is also covered by a 10 year warranty.

The PVD finish is available as an optional feature for Signature locks in the following finishes only: Satin - Chrome or Brass and Polished - Chrome or Brass.

Note: Special terms and conditions apply to the PVD 10 year warranty program.

Cylinder options

VingCard locks may also be supplied with an optional mechanical key override cylinder, widely recognized as the finest in the industry.

- Use of mechanical key override is registered in the lock memory for audit trail.
- Mechanical cylinder can be either visible or not visible with a cylinder concealer (Signature only, finish may vary from lock finish).
- Superior pick resistance through its 7 pin high security profiles and narrow channel paracentric keyway and anti pick drivers.
- Unique cylinder fixing for added security.
- 5 times recodable cylinder.
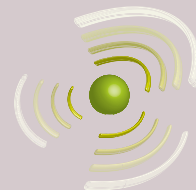- Cylinder is available in all lock finishes.

Automatic deadbolt option

The automatic deadbolt lockcase has been produced to provide our customers and their guests with an added measure of security. Automatically extending the deadbolt upon door closure ensures that the security of the deadbolt is present without the guest having to remember to extend it via the thumbturn.

VISIONLINE by VingCard

Stay Connected

VISIONLINE by VingCard offers the ideal solution for the most demanding properties. Based on Zigbee high security open platform, you will get a stand alone electronic locks operating in online mode through Radio Frequency (RF-online). VISIONLINE is compatible with Essence, E-Cylinder, Signature- and Classic RFID electronic lock, as well as Classic- and Signature by VingCard as a combo reader version. VISIONLINE by VingCard provides total flexibility and efficiency in hotel operations.

- **VISIONLINE by VingCard is much more than "just" electronic locks**

- More security and control
- More service to your guests
- More efficient and cost effective hotel operations
- More efficient front desk operations
- More efficient engineering and maintenance
- Less hassle in installation and maintenance
- ... and much more

visiOnline
by VingCard®

VISIONLINE network architecture

The VISIONLINE by VingCard locking system is communication between stand alone electronic locks and the VISIONLINE server through routers ⇨ gateways ⇨ hotel network. Hence forward, each lock can be remotely managed from the front desk. The floor and area network is fully off-line operational in case of network breakdown.

Online Server

Area network
Ethernet (Cat-5) cable

Hotel LAN

Gateway

Router

VingCard Lock

Elsafe in-room safe

Thermostat

Sensor

Guestroom Network

Software packages

In addition to the basic offline software for VISIONLINE, additional modular online packages are available in order to match the specific needs of your property. These modules can be added on at a later stage if needed. The online software modules are:

Standard Module:
: Central card cancellation
: Remote audit trail
: Low battery report
: Extended stay
: Change my room
: Auto check out of guest cards

Advanced Module:
: Door ajar alarm
: Inside opening audit trail
: Wandering intruder report/ alarm
: Block cards per user group per section
: Live tracking of cards/users
: Insert maintenance report card
: Online passage mode activation

Orion EMS Module:
: Remote status of A/C usage / Room occupancy / Orion thermostat
: Preventative maintenance schedules and reports / Events notification
: Occupancy change notifi cations, trends and reports
: Savings reports / Maintenance alarms / Device alarms / Low battery warnings
: Remote room temperature adjustment for welcome room set-ups

Communication Module:
: SMS/e-mail/pagers alerts
: On screen alarm panels

Safety Module:
: Open doors from central location
Note: Special conditions apply

Online in-room safe module:
: Warning if safe is locked upon check-out
: Low battery warning
: Mechanically opened alert
: Clear safe memory warning
: Automatic synchronization of date/time
: Remote audit trail
: Remote service reports

Loyalty Program Module:
: Remote check-in/Check-out
: Bypassing reception queues
: Using RFID loyalty guest keycards

VISIONLINE features & benefits

LOCK AUDIT TRAIL

CANCEL GUEST CARD

CANCEL MASTER CARD

CHANGE LIGHTBULB

CHANGE ROOMS

DOOR AJAR ALARM

EXTENDED STAY

INTRUDER ALARM

LOW BATTERY

MAINTENANCE

OPEN DOORS

PASSAGE MODE
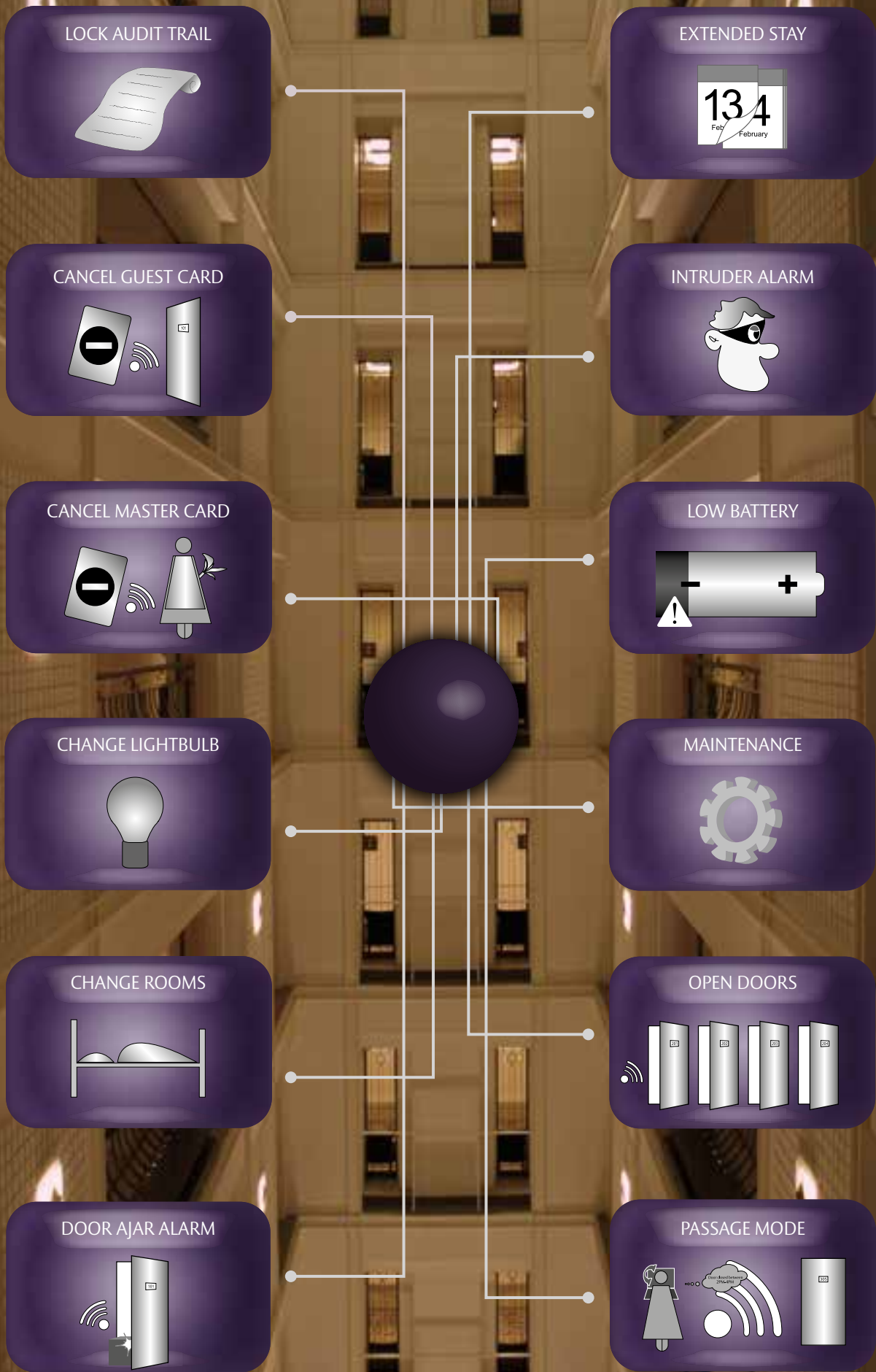
| Feature	Event	Benefit
SECURITY		
Cancel cards	A card has been lost and must be cancelled.	Both guest and master cards can be cancelled from one central location. The online system will notify each lock.
Intruder alarms	Lost keycard being tried in the locks.	An alarm is automatically triggered when an unauthorized keycard is used in different locks and remotely cancels the keycard.
Door ajar	The door is left open.	Will automatically trigger an alarm that can be sent directly to security personnel if the door is left open too long. It is possible to differentiate if the door was open by a guest or by an employee.
Block User Group	Block User Groups in different doors or areas.	User Groups can for security reasons be blocked and temporarily not have access to certain areas of the hotel. E.g: a VIP guest.
Emergency open doors	All doors can be remotely opened.	In case of e.g. a fire, all doors at the hotel can be unlocked from one central location (requires a signed waver).
Audit trails/events	Events are sent immediately to the system server as they happen.	See all events directly on PC, no need to travel to lock to perform readouts.
Track users	Individual card holders can be tracked in the system.	Find out the movement or the last location of a keycard holder. Applies both to guests and employees.
FRONTDESK		
Change room	Guest is not satisfied with the room, and wants to change.	A guest keycard can automatically be assigned a new room by the front desk, without needing to come to front desk to re-encode the card.
Extend stay	The guest wants to extend the stay.	Guest can extend their stay with a phone call to the front desk. No need to go down to the front desk to re-encode the card.
Safe locked notification	The safe is locked when the guest checks out.	A notification is created automatically if the safe is locked when the guest checks out and avoids next guest having the safe locked upon arrival.
Auto Check-out	Card stops working when guest checks out.	The card will automatically stop working when the guest checks out, even if they check out earlier then planned.
MAINTENANCE		
Low battery report	Automatically receive low battery reports.	No longer any need to travel to each lock or safe to check the battery status.
Various alerts	Alerts created by the system when situations occur in the network.	Alerts will be created and sent to the correct personnel when different situations occur to improve maintenance efficiency. This can for example be that components go temporarily offline for some reason.
HOUSEKEEPING		
Reporting cards	Reporting cards can be defined based on hotel needs e.g. change lightbulb, TV out of order etc.	Housekeeper can insert the appropriate reporting card, and information is sent directly to e.g. the maintenance department.
Easy to reassign employees	If needed, housekeepers can be reassigned from one area to another.	Using the Auto Update function, access for employees can easily be changed.
MANAGEMENT		
Flexible access patterns	No limit in number of user groups and user access information is stored on user cards.	Users can be given access both through a user group and on individual basis. This means that there is no limit in the number of access patterns in the hotel.
Change access for Employees	Easy to change the access for employees.	Using the Auto Update function, access can be easily changed both for individual users and for entire user groups.
Customized reports	Create reports based on the need of the hotel.	Create and save customized reports displaying events from the system and rooms.
Flexible System access	Customize the access according to the need of the hotel.	System access can be specified down to the smallest detail.
Central database	All system information and lock events are stored in central database.	Possible to cross-check data and create custom reports as needed on lock events, user events.
CONCIERGE		
Keep track of VIP guests	See the movement of guests.	With the online system, you can easily see where the guest recently has used the card
First usage of card	Sends an alarm to the concierge the first time the guest card is used to enter the room.	This can then trigger a follow up call making sure the guest is satisfied with the room.

VISION by VingCard

Stay Balanced

VISION by VingCard is created with the large properties in mind. VISION is a full-featured, functionally rich access control system with the power, flexibility and ease of use to meet the operating needs of any hotel both now and in the future.

VISION by VingCard is a result of more than 30 years of experience in hotel security and a wealth of accumulated knowledge of what is important for hotels.
VISION is the best option for large properties.

- **Features:**

- Powerful SQL client server database technology for stable, high security operations and effective back up/restoring options.
- True TCP/IP network capabilities. Encoders can be connected directly to the hotel's own LAN and shared between workstations.
- Flexible PMS & POS interface options. Choose between serial, TCP/IP and direct DLL integration.
- Windows® software platform.
- Supports magnetic stripe, combo (magnetic stripe and smart card) and RFID operations.
- Compatible with automatic check-in Kiosks.
- Compatible with VingCard's Essence, E-Cylinder, Signature and Classic locks.
- Manages up to 8 different weekly time/shift tables. Customize every day of the week in 30 minute increments.
- Manages up to 53 different common door definitions.
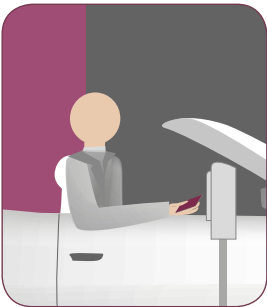- Compatible with VingCard's Essence, E-Cylinder, Signature and Classic locks.
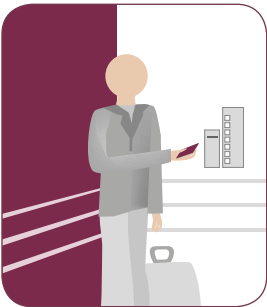- And many more…
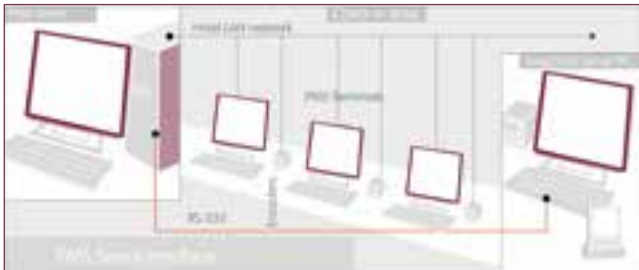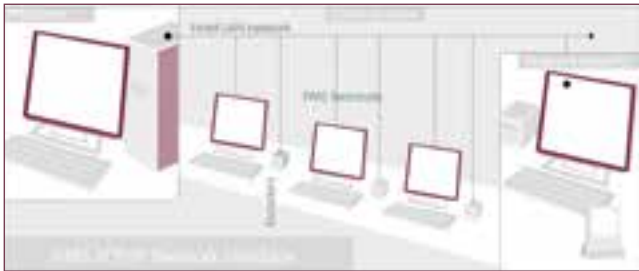
vision
by VingCard®

Guest cards

Check-in:
Issue card to guest with relevant info.

Parking:
Access to parking facilities.

(Elevator) access:
Access to specified areas only as i.e. elevator.

Enter room:
Lock checks that keycard has correct information (room #, unique hotel code, time window etc.).
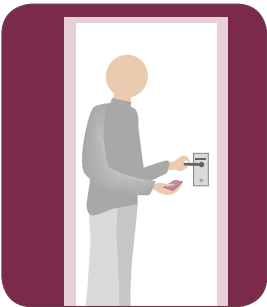
Payment:
Use keycard to pay for services at hotel (restaurant, souvenir store etc.).

Other areas:
Guests has access to conference room, gym etc. with keycard.

Lost keycard:
Hotel issue new keycard.

Enter room w/new keycard:
New keycard replaces previous guest keycard in lock.

Check-out:
Hotel system reports what to bill (restaurant etc.). Guest leaves and keycard is cancelled for access upon departure.
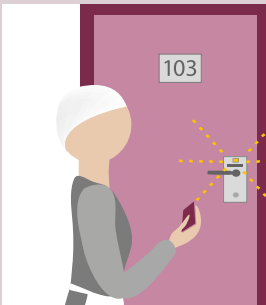
Staff operations

Issue keycard to employee:
Employee get individual keycard.

Access:
Only access to specified areas.

Locklink/program lock:
Upload software and data to lock (room #, unique hotel code, set clock).

House keeping:
Not able to access room if privacy function is turned on by guest.

Low battery:
When low battery, employees will get 3 yellow flashes.

Lock link/read events:
Download lock events.

2800 by VingCard

Stay Small

2800 is the ideal solution for small to medium sized properties. 2800 by VingCard - a powerful and flexible stand-alone unit without any need for a PC.

2800 by VingCard was designed specifically to meet the special needs of smaller properties. With its modern design and user friendlyness, we assure easy maintenance and daily operations as well as high security for your hotel, employees and guests.

Magstripe:

MiniLink

Service Unit

- **Features:**

- Stand-alone unit, no PC required.
- State-of-the-art touch screen unit.
- Windows™ CE software platform.
- Intuitive menus for your staff.
- Easy configuration and daily maintenance.
- Handy separate lock connector (MiniLink) for user friendly programming and lock interrgation - possible to check in guest and interrogate locks simultaneously.
- Easy to upgrade software on terminal: You can send and receive upgrades by e-mail and upload them to unit through USB stick.
- Control of back of office doors and other hotel areas like elevators.
- Network; up to 10 check-in stations.
- Ethernet network (possibility for direct connection to existing hotel network).
- PMS interface options.
- Available as RFID system by adding an external RFID encoder.
- Robust database back up through USB technology.
- Emergency internal power back up.
- Easy to change database configuration on site.
- Compatible with VingCard's Signature and Classic locks.
- May be used as a verifier in the restaurant.
- Multiple languages: English, Spanish, French, German and Italian.
- Backwards compatible with old 2100 PLUS by VingCard installations.
- And much more...

2800

by VingCard®

TOUCH

Software Comparison Chart
## Feature listing for VingCard software systems

Features	VISION	2800	VISIONLINE
Unique common doors	53	3 categories	No practical limit
Rooms	10,000	400 + 75 common doors	Unlimited
Unique users	16,000	2,250	Unlimited
User groups	256	30	Unlimited
Database	Client server SQL	Microsoft EDB	MS JET SQL
User interface	Icon based	Icon based	Icon based
Interface options	TCP/IP, RS-232, DLL	RS-232	TCP/IP
Access management	Flexible and customized	Flexible and customized	Flexible and customized
Time shift control	Yes	Yes	Yes
Daylight saving time (automatic update)	Yes	Yes	Yes
Card verification	Yes	Yes	Yes
Failsafe cards	Yes	Yes	Yes
Pre-issue cards	Yes, program from specific start time	Yes, from issue time	Yes, program from specific start time
Audit trail (system events)	Unlimited	2,000 events	Unlimited
Lock compatibility	Compatible with all VingCard electronic locks	Compatible with all VingCard magstripe+RFID locks	Compatible with all VingCard electronic locks [1]
Accessories compatibility	With elevator and remote controller	With elevator and remote controller	With elevator and remote controller
Upgradeable	Yes	Yes	Yes
Front desk equipment	PC based with external encoder(s), LockLink	All in one unit with MiniLink (optional LockLink)	PC based with external encoder(s)
Number of units in network	No practical limit	10	No practical limit
Remote encoding stations	Yes	Yes	Yes
Auto update and validation	No	No	Yes
Online compatible	No	No	Yes

[1] Requires VISIONLINE reader parts.
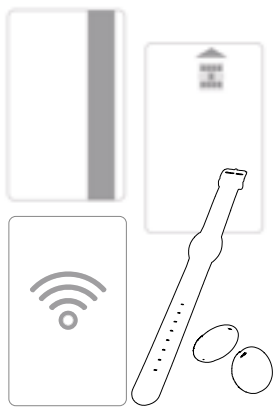
KeyCards & RFID carriers

Quality Guaranteed - Commitment to service and prompt delivery. Ideas To Increase Your Profit Margins!

From guest keycards to staff keycards, wristbands and keyfobs. KeyCards by VingCard never fail to function in your VingCard locking system. Our aim is to provide our customers with more than just top quality products.

KeyCards by VingCard can also help you increase your revenue. Through our custom keycard program you get the opportunity to promote your property or services by designing your own keycards.

KEYCARDS
by VingCard®

RFID Locker Lock

Secure every corner of your property.

RFID Locker Lock is a contactless operated lock for lockers which is the ideal solution for spa/wellness centers, ski resorts, golf clubs, sport and gym centers, etc.

VingCard RFID locker lock provides high security, flexibility and comfort for lockers and cabinets using proximity RFID carriers (RFID keycards, wristbands, keyfobs, etc.) instead of uncomfortable keys that require expensive maintenance. It is also fully compatible with VingCard RFID locking systems.

Cleaning Cards

Increase reader performance.

For proper maintenance and proper performance of the lock readers, VingCard offers cleaning cards for your convenience.

Batteries

Longer life expectancy for your locks.

Not everything is what it seems. And for locks, it is very important that you get batteries that meet our standards of life expectancy and quality.

In-room and Back of House Accessories for Design Continuity

Unlimited possibilities - customized solutions.

VingCard Accessories offer a wide range of security hardware to complement your hotel door locks. Various standards are included in our product range.

The VingCard Accessories range is listed in the next pages, providing you with an overview of our offerings. For more specific information about the offerings, please visit: www.vingcardelsafe.com.

Accessories
by VingCard

Electronic locks

VingCard's electronic locking solutions have a range of additional products to complement the guestroom door locks. For more information, please visit: www.vingcardelsafe.com.

e-cylinder

e-cylinder by VingCard. The flexible and compact solution for most doors where a conventional electronic lock is not suitable. The e-cylinder is fully integrated with the VISION and VISIONLINE systems.

Locker Lock

VingCard RFID Locker Lock is a contactless operated lock which is the ideal solution for spa/wellness centers, ski resorts, golf clubs, sport and gym centers and is fully compatible with VingCard RFID locking systems.
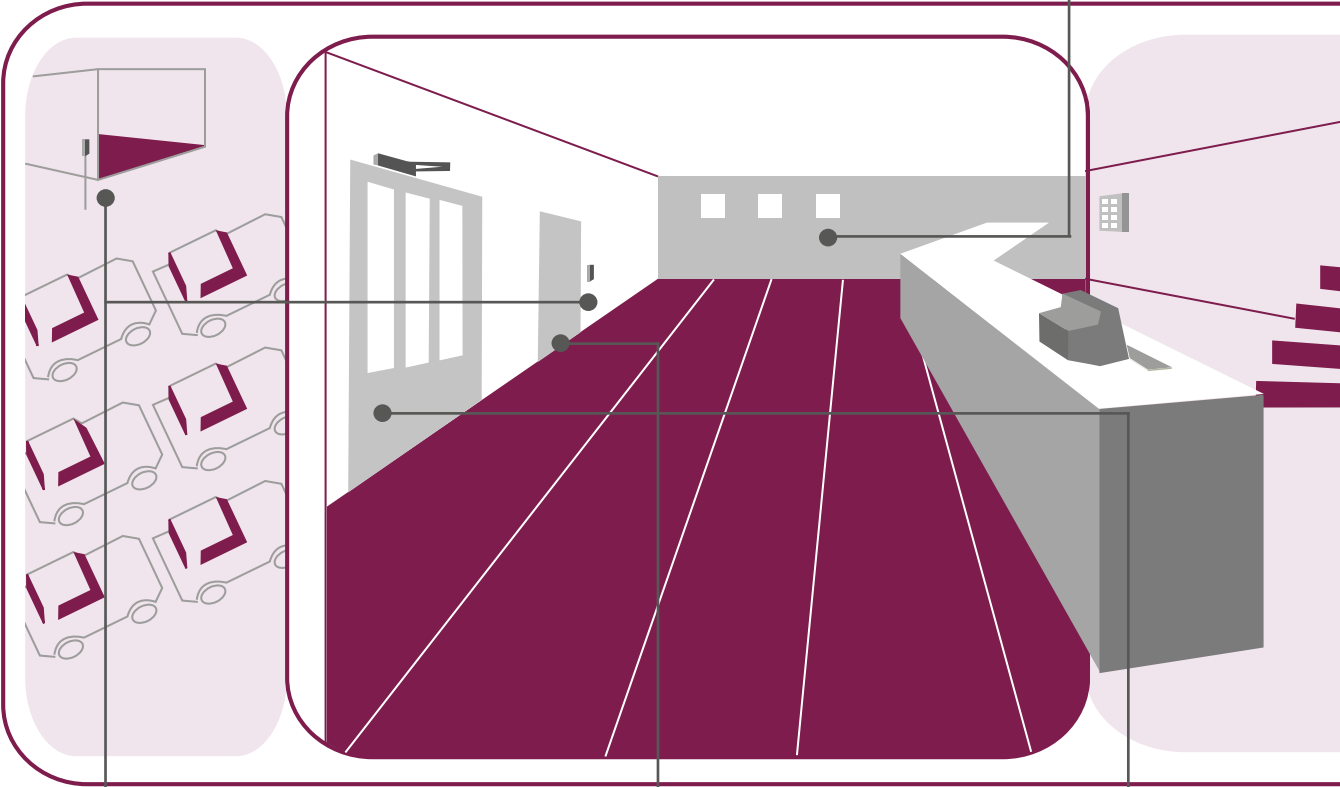
Remote Controller/ Parking Controller

This independent unit provides access control on common doors, such as parking, health clubs, conference suites, staff entrances or guest night entrances. VingCard Remote Controllers are fully compatible with all of VingCard's card locking systems.

1000 Series

The VingCard 1000-series cylinder locks are designed to complement VingCard's electronic locks, ensuring uniform appearance in guestrooms and corridors.
- Available in ANSI and EURO.
- Staff key will fit into cylinder keyways.
- UL-fire listed.
- Finish Materials: Satin Chrome, Satin Brass, Polished Chrome, Polished Brass.

Exit Device

Exit Device to work with your VingCard electronic card locking system. This makes it possible to use encoded cards to control all guest and staff access to the building, while providing a panic exit device to satisfy all safety considerations for emergency exit. Opening the door from the inside is achieved by simply pushing the push bar.

Door Viewer & Door Retainer

VingCard's high quality Door Viewer with glass lens has a super wide 200° all round clear angle of view. Is delivered in satin chrome or -brass and polished chrome or -brass.

VingCard's Door Retainer prevents entry of intruders and increases the guest's safety. Is delivered in satin chrome or -brass and polished chrome or -brass.

PolarBar Minibars
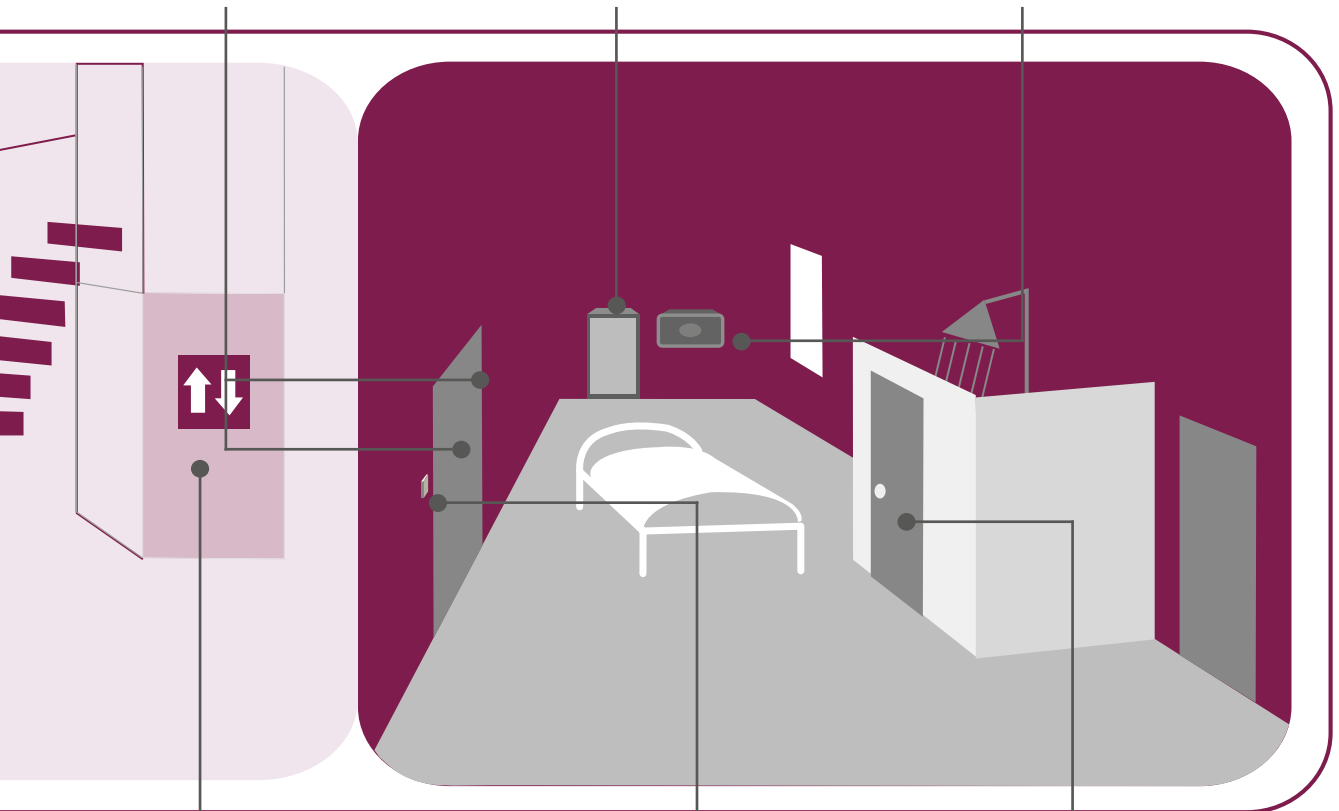
VingCard Elsafe offers a wide range of Minibars.

For more information about PolarBar, please visit: www.vingcardelsafe.com.

Elsafe In-room Safes

A wide range of in-room safes are available.

For more information about Elsafe, please visit: www.vingcardelsafe.com.

Elevator Controller

VingCard's Elevator Controller is designed to be built into the elevator panel and operates offline. The security level of the hotel will increase, as only guests with a valid keycard will have access to the elevators/floors.

The Elevator Controller is compatible with all of VingCard's card locking systems.

Energy Control Unit

VingCard offers a complete range of in-room Energy Control Units, the perfect combination to provide in-room comfort to your guests while, at the same time, saving energy and money when they are outside their rooms.

Bathroom Lock

VingCard's Bathroom Lock has an occupancy indicator and a thumb turn, and it is easy to change the lock case handing from left to right.

The Bathroom Lock is delivered in Satin Chrome, Satin Brass, Polished Crome and Polished Brass.

Electronic Locking Solutions by VingCard

For more information, please contact:

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Provider of: VingCard Locks & Systems | Elsafe Safes | Orion EMS | PolarBar Minibars
Specifications may change without notice.