Education
Security and Access Solutions

ASSA ABLOY Hospitality

ASSA ABLOY

The global leader in
door opening solutions

The Company
ASSA ABLOY Hospitality

Our story began in 1974, when lock maker Tor Sørnes heard that an intruder had attacked his favorite singer in her hotel room.

Inspired to help, he resolved to invent a security system that would provide a unique key for every guest. His invention changed the whole lock industry.

As industry pioneers we've always led the way – employing innovative technology to make people feel safe and secure wherever they are.

ASSA ABLOY Hospitality has products installed in more than 42,000 properties worldwide, securing in excess of 7 million rooms. We continue to use advanced technology to offer security and peace of mind to both hospitality providers and their guests. ASSA ABLOY Hospitality's extensive international network covers more than 166 countries.
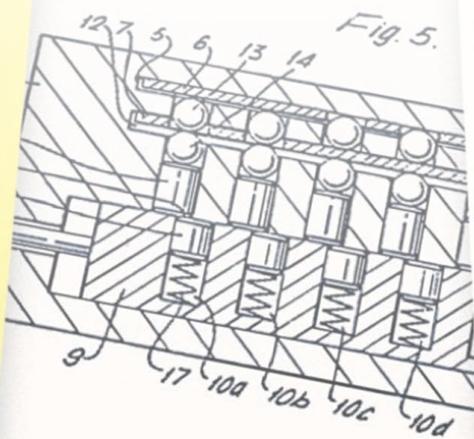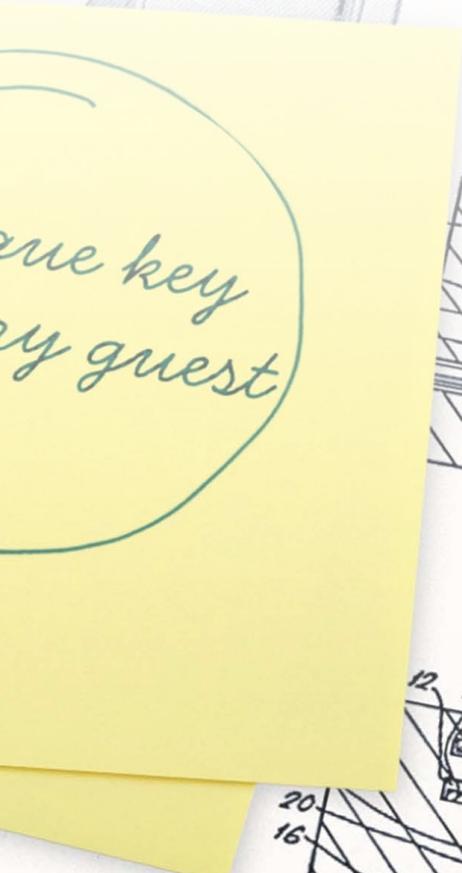
Den første prototypen på VingCard låsen.
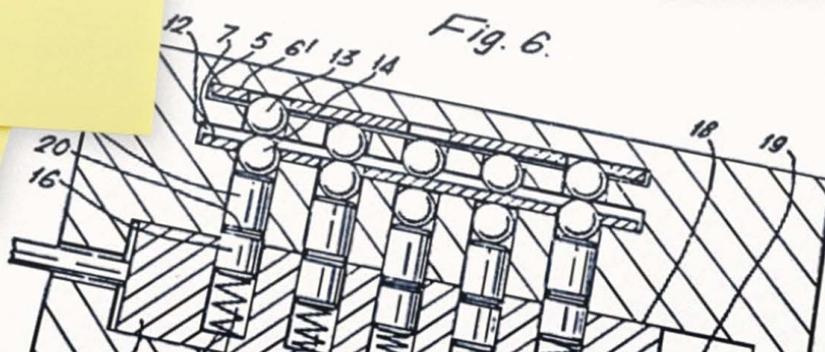
The Company
Why ASSA ABLOY Hospitality Solutions?

Our purpose is not simply to lock and unlock more doors—it is to unlock the feeling of safety, security and belonging for more people, wherever they want to go.

We know what it takes to unlock a feeling of security, for residences and their students. Our Scandinavian design is well-known throughout the world for the quality, functionality and durability it represents. Since we invented the first card lock system in 1979, we have continued to innovate and deliver high quality electronic locks and safes to the hospitality industry.

We bring experience, knowledge, modern technology and the finest materials to the task. By focusing on industry trends, modern manufacturing facilities, internal resources and a close dialogue with our customers, ASSA ABLOY Hospitality has been able to continuously develop solutions to match customer needs. Our vast array of solutions and services are created with full compatibility in mind in order to meet the unique demands of any education facility.

Designed according to the most demanding 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.

In setting a new standard in electronic safe security design, ASSA ABLOY Hospitality currently produces the industry's only UL-1037 certified safe, providing students and their valuables with the highest level in residence security.

We are dedicated to offering advanced security solutions and peace of mind for both residence managers and their students.

"We want to unlock the feeling of safety for people, wherever they want to go."

Tim Shea
President , ASSA ABLOY Hospitality

Welcome back!
You are ready to
start check in

RESERVATION
25-28 May

START CHECK IN

3. Mobile Access

Always setting the pace in hospitality innovation, ASSA ABLOY Hospitality has played an integral part in developing and implementing mobile access technology throughout hospitality markets around the globe. A highly advanced mobile phone-based keyless entry solution, ASSA ABLOY Hospitality Mobile Access has already been installed in tens of thousands of rooms worldwide.

Powered by Seos®, the first ever multi-platform ecosystem for issuing, delivering or revoking digital keys, properties equipped with Mobile Access can provide users with the ultimate check-in convenience by allowing them to use personal devices as a room key and bypass the front desk entirely.

As a result, this proven technology solution can provide the added benefits of more streamlined front desk operations and reduced costs to the managers.

Mobile Access
Three Different Solutions

You can choose between three variations of the solution depending upon your needs.

Customer Integration
This solution is created for residence with their own app initiatives that want to integrate mobile access into their own apps and back end systems. ASSA ABLOY Hospitality provides a Mobile Access Software Development kit (SDK) together with dedicated onboarding services to facilitate seamless integration.

Third-Party (Certified Partners)
This solution suits residences that want mobile app functionality beyond access control alone, but don't yet have their own in-house app initiatives. They can choose a solution from one of our selected app specialist partners, who through our Certified Partner Program have already integrated our mobile access functionality into their products.

ASSA ABLOY Hospitality Mobile Access App
This is our own developed off-the-shelf solution, which is ready to use. It suits residences that want to provide basic mobile access solutions to their students in an easy way. There are no integration or third-party dependencies and two variations of this solution are available.

A

A generic app that is published by ASSA ABLOY Hospitality on App Store and Google Play. Through an administration portal, the residence can customize their digital key graphics that will then show in a "Passbook" inspired style.

B

ASSA ABLOY Hospitality provides the basic app structure with a Software Develop-ment Kit in order for the customer to easily finalize the app with their own look and feel and publish it on App Store/Google Play as their own branded version.

Security   Comfort   Service

Mobile Access
Benefits

Benefits for Students

Benefits for the residence

Unique user experience
Mobile Access offers students a whole new residence experience. Depending on the solution deployed they can book and pay their room using their mobile phone or tablet. They can then use the phone to check in and check out.

Ease of access and direct to room
Students can now arrive at anytime and go straight to their room by using their own smartphone to open the door. No need for keys or keycards. No need to arrive at a specific time and wait in a queue when the reception desk is open. This seamless experience is secure, convenient and saves everyone time.

Ease of student arrivals
Mobile Access enables you to run a smooth and seamless arrival process for the new intake of students. Rather than spending the summer prepare new cards for students, our mobile access solution enables students to go directly to their room and they are not reliant on reception staff being present. This enables their time to be spent enhancing the student experience in other areas.

Ability to have central follow up
When the student arrives at the property and uses their phone for the first time, you will receive notification of their arrival. Then, you can send notifications to the student such as welcome message, invitation to join a welcome event or latest news.

Better student experience
Mobile Access provides an unmatched level of security and comfort for your customers. As a consequence, it gives you a key competitive advantage for equipped residences improving brand reputation & loyalty for your services.

Seamless and Smooth upgrade
Thanks to our upgrade kit, it is easy, quick & cost-effective to upgrade your current VingCard locks to the Mobile Access technology.

Mobile Access
How it Works

Regardless of the solution deployed, the same core Mobile Access will give students an experience that is convenient, secure and timesaving.
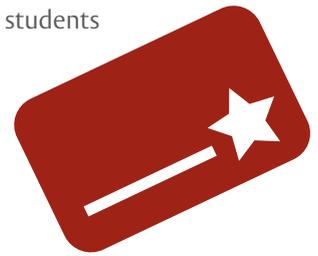
1
Student downloads the app, registers his/her smartphone through the app and allows push notifications.
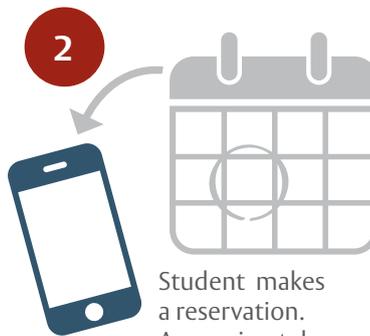
2
Student makes a reservation. Approximately 24 hours before arrival, he/she is invited through a push notification to use Mobile Access and start the check-in process.

3
The student receives a push notification noting that he/she is checked in. The app will update with the room number and the digital key when the room is ready.
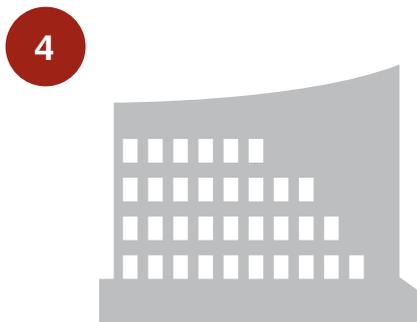
4
Upon arrival the student can bypass the front desk and go directly to his/her room.

5
After ensuring that the Bluetooth is enabled, the student simply holds the smartphone to the door lock, waits for the solid green light and enters the room.

"Imagine the convenience of being able to open doors through a digital key stored on your smartphone... Now you can."

3.VingCard Electronic Locks

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. Stainless steel handles fastened on the inside of the escutcheon with self-lubricating long life bearings ensure maximum security and a true quality touch and feel.

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 it with our know-how, we are able to develop tomorrow's solutions.

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 be upgraded in the field at any time when needs change without changing or removing any hardware.

Electronic Locks
VingCard Signature RFID

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

Upgrade to RFID Technology

- No need to replace the lockcase or handles.
- No drilling required.
- No downtime in room availability.
- No disturbance for students.

Electronic Locks
VingCard Classic RFID

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 method of upgrading to RFID functionality depending on your choice of style.

Upgrade to RFID Technology

- No need to replace the lockcase or handles.
- No drilling required.
- No downtime in room availability.
- No disturbance for students.

Electronic Locks
VingCard Flex

With VingCard Flex you are provided with a robust RFID lock that is specially developed for upgrading properties from Timelox S-series installations to the newest RFID lock hardware platform without drilling the door. VingCard Flex is fully compatible with the latest solutions for Mobile Access and RF online communication.

- 3-5 minute installation time
- No need to drill holes or use mortise tools
- Keep old Timelox lock cases for even greater upgrade savings
- Tubular latching compatible
- Update to RFID and Mobile Access quickly and affordably
- Less maintenance compared to magstripe
- Supports Zigbee online functionality

Electronic Locks
Finishes and Handles

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

VingCard offers an exclusive PVD coated finish that protects the lock finish from corrosion, UV rays, 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.

Cylinder options

VingCard locks may also be supplied with an optional mechanical key override cylinder.
- Use of mechanical key override is registered in the lock memory for audit trail.
- Mechanical cylinder can be either visible (available in all lock finishes) 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.

Automatic deadbolt option

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

Handles

Ship Handle	US Ship Handle	Standard Handle	Functional ANSI Handle
Gothic Handle	Wing Handle	Special Handle (45 degrees slant)	Straight Handle

Finishes

Satin Chrome	Polished Chrome	Satin Brass	Polished Brass	Velour Nickel w/Polyester	Light Bronze	US Antique Dark
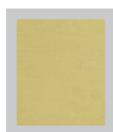
Electronic Locks
Comparison Table

|	ESSENCE	SIGNATURE RFID
Lockcase	ANSI, EURO, US ANSI, JPN and AUS	ANSI, EURO, US ANSI, JPN and AUS
Panic release	Yes	Yes
Auto deadbolt	Optional	Optional
Mechanical override	Optional (recorded in audit trail)	Optional (recorded in audit trail)
Solid metal (Stainless Steel or Brass)	Yes	Yes
Cylinder tampering alarm	Yes	Yes
Reader technology	RFID	RFID
Flash RAM technology	Yes	Yes
Upgradeable reader technology	N/A	N/A
RFID upgradeable	N/A	N/A
RF-online upgradeable	Yes [2]	Yes [2]
Anti-Cloning technology for RFID cards	Yes	Yes
On-Line software technology	Visionline [3]	Visionline [3]
Off-Line software technology	Vision or Visionline	Vision or Visionline offline
Power supply	3 AA batteries	3 AA batteries [4]
Automatic unlock/lock	Yes	Yes
Passage mode	Yes	Yes
Audit trail (lock events stored in lock memory)	Visionline: 2000 events. Vision: 600 events	Visionline: 2000 events. Vision: 600
Student privacy function	Yes	Yes
Finishes	7	7
Reader/Panel colors	Black/White	Black
Standard handles	4 + optional designer handles	4 + optional designer handles
UL fire listed	Yes	Yes

	CLASSIC RFID	FLEX
Lockcase	ANSI, EURO, US ANSI, JPN and AUS	TLX 9025/9050/DIN, ASSA524, Tubular latches: Lockwood 530, Yale 280
Panic release	Yes	Yes
Auto deadbolt	Optional	No
Mechanical override	Optional (recorded in audit trail)	Optional
Solid metal (Stainless Steel or Brass)	Yes	Yes
Cylinder tampering alarm	Yes	Yes
Reader technology	RFID	RFID
Flash RAM technology	Yes	Yes
Upgradeable reader technology	N/A	N/A
RFID upgradeable	N/A	N/A
RF-online upgradeable	Yes (2)	Yes
Anti-Cloning technology for RFID cards	Yes	Yes
On-Line software technology	Visionline (3)	Visionline
Off-Line software technology	Vision or Visionline offline	Visionline
Power supply	3 AA batteries (4)	3 AA batteries (4)
Automatic unlock/lock	Yes	Yes
Passage mode	Yes	Yes
Audit trail (lock events stored in lock memory)	Visionline: 2000 events. Vision: 600	Visionline: 2000 events
Student privacy function	Yes	Yes
Finishes	7	2
Reader/Panel colors	Black	Black
Standard handles	4	2
UL fire listed	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) Up to 3 years normal lifetime.
5) Valli & Valli collection is only available in 4 finishes (Satin Chrome, Satin Brass, Polished Chrome and Polished Brass).
6) Special conditions apply.

4. Elsafe
In-room Safes

Electronic in-room safes contribute to raising the security level in your residence, increasing your students' peace of mind.

Not all in-room safes are equal. Only Elsafe offers a true in-room security solution with a sophisticated blend of advanced security features, technology, convenience and style.

Our in-room safes are tested by the world's most recognized and respected product testing organization, Underwriters Laboratories. Elsafe Infinity is the first UL-listed in-room safe in the 1037 category for anti-theft devices. This prestigious UL listing is now awarded to both the Infinity and Sentinel models, including physical break-in tests, endurance tests and jarring tests.

The exclusive UL-1037 listing achieved by Elsafe's in-room safes gives you added assurance that your students' valuables are receiving the maximum level of protection possible. Not only does this protect your students property, it also protects your property's valuable reputation.

Electronic Safes
Zenith

The choice of in-room electronic safes becomes easy when you can choose Elsafe Zenith to secure your students' belongings. Zenith has advanced and economical security, with the industry's leading audit trail system that allows you to print out comprehensive reports on all safe activities.

- Industry-leading audit trail.
- Backlit keypad.
- Internal light.
- Spring-loaded door.
- Anti-tamper labyrinth.
- Unique triangular locking bolt reinforcement.

Zenith safes options
Zenith is available in many sizes and models to complement your room regardless of style and need.

Zenith Drawer

Zenith Drawer is the ideal solution for managers who want to maximize convenience for their students and encourage use of the in-room safe. It provides superior design flexibility, allowing for placement inside drawers, cupboards or anywhere in the room that it is most accessible and easy for students to use.

Zenith Standard

The standard Zenith (ZD27/ZD43/ZDWI) can accommodate a 17" laptop and meets any room space limitation and location requirement.

With Zenith safes you have the perfect option for each corner of your room.

Zenith In Wall

Zenith In-Wall Safe is the ideal solution for residences that need to maximize limited room space. Zenith In-Wall Safe fits perfectly on any cupboard, armoire or closet wall as well as on the room wall.

Zenith Floor

Zenith Floor is a large size safe mounted to the floor that provides ample storage space for exclusive rooms and back offices.

5. Orion
Energy Management System

Today, energy is the second highest cost for the hospitality industry. Most of this cost is wasted keeping rooms A/C at full speed, even though the student is not in the room for most of the day.

An intelligent Energy Management Solution will allow you to increase the efficiency of your A/C system and therefore dramatically reduce your energy bill and improve your bottom line.

Orion Energy Management System
Features and Benefits

Reducing energy cost should not compromise your students´ comfort. By completely switching off all in-room electricity, managers will increase savings but can can also impact the satisfaction of their students.

An intelligent Energy Management Solution will take control of the room temperature when the rooms are not occupied, never allowing the room to become too warm or too cold. As soon as student return to their room, the system automatically returns to the student's preset temperature settings.

Benefits of Orion

- Lower your energy costs.
- Take control of property energy consumption
- Generate system reports to keep control of property's savings, occupancy, summaries and more.
- Improve your green initiatives and contribute to reducing global warming impact.
- Flexible settings to fit all types of properties and climates.
- Adaptive to your needs with flexible installation alternatives.

- Integration option towards Visionline allowing one system to control everything from EMS to access control.
- Easy and user-friendly for students to control room temperature.
- Ensuring student comfort by maintaining a stable temperature when the student is absent.

Orion Thermostat - HV

Orion Thermostat - LV

Orion Motion Sensor

Orion Door Switch

Orion Energy Management System
System Components

Orion assists with energy savings, improving your green initiatives while ensuring students comfort. Depending on your properties HVAC requirements, there are several components that may be necessary.

Orion thermostat

Wall-mounted intuitive digital room temperature controllers for easy use.The thermostat controls the A/C and communicates with the motion sensor and door switch to set the room temperature.

Orion Thermostat - LV is only compatible with low voltage
Orion Thermostat - HV is only compatible with high voltage

Orion motion sensor

With Orion's motion sensor, student presence is detected and signals are sent to the thermostat which controls the A/C. During occupancy the A/C will run on students´ temperature preferences. As the student leaves the room, the property preferences will take over and turn the room into standby mode. As the room will always have a stable temperature, energy consumption and costs are reduced.

Orion HV already includes an integrated motion sensor.

Orion door switch

With an additional door switch, the Orion solution in communication with motion sensor and thermostat determine room status change and whether or not the student is in the room.

Reduce your monthly bill.

Orion Energy Management System
Installation Alternatives

Depending on what your property needs, Orion offers several installation alternatives:

1. Offline installation

A standalone Orion solution where the thermostat, motion sensor and door switch communicates only inside the room. The thermostat, together with the motion sensor and door switch, determine the occupancy and take control of room temperature based on the presence of the person.

Door switch   Thermostat

Room

2. Wireless online EMS with Visionline

Online installation where Orion software is integrated with Visionline. You get total control of EMS, VingCard locks and Elsafe safes in one single system. Motion sensor and lock communicates with thermostat to ZigBee network, via gateways and to the Visionline server.

Area network
Ethernet
(Cat-5) cable

Property LAN   Gateway   Router   Thermostat

VingCard lock

Visionline software

Elsafe Safe

|	Standalone System	Visionline Online
Accurate digital room temperature control	✓	✓
Controls most types of A/C systems "PTAC, FCU, etc."	✓	✓
Built-in humidity sensor	✓	✓
Intuitive design	✓	✓
Simple installation	✓	✓
Determines customer presence	✓	✓
Dynamic or static setbacks	✓	✓
Lowers A/C runtime by determining occupancy	✓	✓
Designed for new construction and retrofit applications	✓	✓
Integration with door switches	✓	No need
Real time remote status of:		✓
»» A/C Runtime		✓
»» Room occupancy		✓
»» Orion thermostat		✓
Remote control of room temperature		✓
Preventative maintenance schedules and reports		✓
Occupancy change notifications		✓
Savings reports		✓
Event notifications		✓
Maintenance alarms		✓
Low battery warnings		✓
Remote room temperature adjustment for welcome room set-ups		✓
Integration with Visionline electronic locks		✓
Utilizes robust secure Visionline network		✓
Uses integrated lock communication to accurately determine occupancy status, no need for door switch		✓
Manages student/staff entry to monitor HVAC accordingly		✓

6. System & Software

Originally developed to maximize the networking capabilities of VingCard's industry leading electronic locking systems, Visionline allows your locks to communicate with the server via online radio frequency (RF), eliminating the need to manually encode keycards, cancel staff cards and check battery life.

Visionline is the only wireless, highly-secured and open standards-based platform to address the unique needs of low-power monitoring and access-control network applications. Operating on a reliable and secure platform like ZigBee provides increased reliability and performance at an affordable cost. In addition, the wireless network enables smooth interface and integration opportunities for other online devices, including safes, energy management systems and minibars.

System & Software
Visionline

Visionline is built on the ZigBee Standard ISO 802.15.4 high-security open platform, the only wireless, highly-secured and open standards-based platform to address the unique needs of low-power monitoring and access-control network applications. Operating on a reliable and secure platform like ZigBee provides increased reliability and performance at an affordable cost. In addition, the wireless network enables smooth interface and integration opportunities for other online devices, including safes, energy management systems and minibars.

: More Security and Control
: More Services to your Students
: More Efficient and Cost Effective Operations
: More Efficient Front Desk Operations
: More Efficient Engineering and Maintenance

Visionline Options

Visionline is a highly flexible system that can consist of a combination of offline and online doors. Both wireless ZigBee and wired Ethernet can be used to create the most efficient system for your individual property needs. For Visionline wired online, PoE can be used as well.

Software Packages

Standard Online Module

: Central card cancellation
: Remote audit trail
: Low battery report
: Extended stay
: Room move
: Auto check-out of student card

Orion EMS Module

: Remote status of A/C usage, room occupancy, Orion thermostat
: Preventative maintenance schedules and reports/ Event notification
: Occupancy change notification, trends and reports
: Saving reports
: Remote room temperature adjustment for e.g.

Advanced Online Module

: Door ajar alarm
: Inside opening audit trail
: Wandering intruder alert
: Sequential intruder alert
: Block cards per user group and section
: Live tracking of cards
: Insert maintenance report card
: Online passage mode activation

Communication Module

: SMS/E-mail alert
: On screen alarm panels

Loyalty Program Module

: Remote check-in/check-out
: Bypassing reception queues
: Using RFID loyalty guest card

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

Safety Module

: Open doors from a central location[1]
: Close doors from a central location[1]

ASSA ABLOY Mobile Access Module

: Manages ASSA ABLOY Mobile Access credentials

1. Special conditions apply

System & Software
Features and Benefits

Visionline is available in both offline and online mode. In offline mode your property will benefit from a customized and flexible security solution without compromising security or convenience. The offline version allows you to upgrade at any time.

	Features	Benefits	Offline	Online
FRONTDESK OPERATIONS	Automatic access	Keycard automatically activated upon check-in.	✓	✓
	Room assignment	SMS/E-mail can be sent to student in advance with room number.		✓
	Change room	Remotely re-assign a room to student.		✓
	Validation period	Keycards are automatically de-activated upon check-out.	✓	✓
	Extended stay	Students may extend their stay remotely from the reception.		✓
	Card update station	In offline scenarios the students can use the Automatic Card Update Station to update the card and get a room number.	✓	✓
GENERAL OPERATIONS	Various alarms	Reduce manual monitoring of the property.	✓	✓
	Online room management	Block users, cancel access, reassign rooms, etc.		✓
	System integration	Add on to the system to include other product solutions...	✓	✓
MANAGEMENT OPERATIONS	Customized reports	Define criteria to create in report.	✓	✓
	Automatic reports	Reports automatically sent by e-mail/SMS to pre-defined users/groups.		✓
	Unlimited options	No limit in number of reports.	✓	✓
SECURITY OPERATIONS	Wandering intruder alerts	Automatically detect if someone is trying to use a card in multiple doors, this automatically cancels the keycard.		✓
	Sequential intruder alert	Automatically detect if there are at least 5 failed access attempts with the same card in the same door. E.g. if a student is on the wrong floor, manager can send someone to assist.		✓
	Automatic cancellation of keycards	One-push keycard cancellation in all online doors (both student and master cards).		✓
	Block access to specific areas	Due to security issues, maintenance, etc.	✓ [1]	✓
	Track users	See the user's last registered location.		✓
	Door ajar alert	A message is sent to the server that a door is opened.		✓
MAINTENANCE OPERATIONS	Reporting cards	Use a customized card to report maintenance needed, e.g. "electrician needed".		✓
	Audit trail	Audit trails for the locks or safes can be downloaded from the Visionline server without going to the room.	✓ [2]	✓
	Maintenance report	Automatically generate maintenance reports and perform preventative maintenance, e.g. low battery.		✓
	Maintenance counters	Automatically detect in which rooms or areas maintenance is needed.		✓
CASHLESS ENVIRONMENT	Payment card	Use same keycard as payment method in restaurants, shops, etc.	✓	✓
	Counter	Use counters to limit the number of times students can access certain areas, e.g. 10 visits to the library.	✓	✓

1. The operation has to be done by programming each lock manually.
2. Audit trails are available by performing a read-out directly from the lock itself

System & Software

Integration & Communication with other systems

Visionline can be connected to many other systems thanks to SDK & WebAPI allowing a true connectivity and data exchange.

Connectivity options

You can choose between two variations of the solution depending upon your needs.
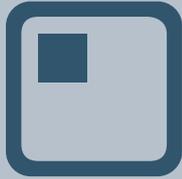
WebAPI & PMSPlus

If we are not already compatible with the software you want to connect, we will work with your third-party supplier to make it happen. To do that, we deliver WebAPI & PMSPlus software to let your current third-party supplier to easily link his software with ours.

Third-Party (Certified Partners)

Certified Partners have already integrated Visionline into their environment and so we are already compatible with lots of third-party systems. Describe us your environment and we will tell you with who we are already compatible with.

PRINTER

LAUNDRY

CAFETERIA

CCTV

LIBRARY

Visionline

LOW BATTERY

VENDING MACHINE

SIMS / UMS*¹

GRMS*²

SMS*³

*1) SIMS/UMS School Information Management System / University Management System
*2 GRM = Guest Room Management System
*3) SMS = Security Management System

7. Accessories

ASSA ABLOY Hospitality offers an extensive range of accessories and security hardware options to complement your residence locking system and provide enhanced security.

These include such items as keycards and RFID carriers, as well as complementary hardware for cohesive room design, such as bathroom locks, door retainers and door viewers. Back-of-house and facility access hardware, such as elevator controllers, exit devices and more are also included in our product range, designed to meet various standards.

Radio Frequency Identification Technology

Radio Frequency Identification, contactless technology

VingCard RFID electronic locks 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 NFC (Near Field Communication) and BLE (Bluetooth Low Energy) Technology.
  NFC and BLE technology enable contactless communication between our electronic locks and cell phones equipped with NFC and/or BLE.

Benefits with RFID technology:

- More Student Satisfaction: Unmatched ease of use for all students. No need to insert the keycard.
- More Security: Anti-cloning technology for all student and staff cards. Unlike magnetic strip whose keycards can be cloned, RFID technology allows powerful anti-cloning solution.
- More Adaptability: RFID keycards and carriers adapt to any property style. You can choose from low cost cards, long lasting staff cards, wristbands and keyfobs to perfectly match different property types such as Colleges, Universities, Student Accomodation.
- BLE Bluetooth Low Energy and NFC (Near Field Communication).

- 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 residence (loyalty programs, vendor payment, etc.)
- More Exclusivity: Provide a new experience for your customers and enhance the image of your residence
- More Durability: VingCard RFID electronic lock components are sealed and provide better performance for outdoor use.
- More Selection: Provides access today to next generation technologies such as BLE Bluetooth Low Energy and NFC (Near Field Communication).
- More Standards: VingCard RFID electronic locks offer 4 technology standards in 1 electronic lock.

RFID Carriers

VingCard offers a wide range of RFID carriers that are especially designed for different applications (for students staff or teachers) and give you the opportunity to enhance your students' experience at your residence.

 Wristband

 Smartphone

 Keycard

 Keyfob

Accessories
Wide Variety of Accessories to Enhance your System

RFID Readers

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

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

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

RFID Exit Device
Our Exit Device works with your VingCard electronic card locking system. This makes it possible to use encoded cards to control all student 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.

Mechanical Locks

Bathroom Locks

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.

Mechanical Locks for Back of House
The VingCard 1000-series cylinder locks are designed to complement VingCard's electronic locks, ensuring uniform appearance in rooms 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.

Additional Items

Door Viewer

ASSA ABLOY Hospitality high quality Door Viewer with glass lens has a super wide 200° all round clear angle of view. To complement your chosen locking solution, the door viewer is available in Satin Chrome or –Brass and Polished Chrome or –Brass.

Door Retainer

ASSA ABLOY Hospitality Door Retainer prevents entry of intruders and increases the student's safety. Is delivered in Satin Chrome or -Brass and Polished Chrome or -Brass.

Energy Control Unit

ASSA ABLOY Hospitality offers a complete range of in-room Energy Control Units, the perfect combination to provide in-room comfort to your student while, saving energy and money when they are away from their rooms.

Locker Lock

RFID Locker Lock is a contactless operated lock the is ideal and is fully compatible with VingCard RFID locking system.

PolarBar Minibars

ASSA ABLOY Hospitality offers a wide range of minibars.
For more information about Polarbar, please visit:
www.assaabloyhospitality.com

8. Worldwide Service

Offering top-of-the-line customer service has always been a priority at ASSA ABLOY Hospitality. No matter where you are in the world or which product you are using, we dedicate ourselves to providing the best support and guidance, whenever you need it.

ASSA ABLOY Hospitality's extensive international network covers more than 166 countries giving us the ability to offer global sales and support for our customers. Our global network allows our valued customers to enjoy the benefits of worldwide resources, convenience of local service, and round-the-clock support 24 hours a day, 365 days a year *. Our technical support technicians are available worldwide to answer any questions or concerns you may have, giving you the support you want when you need it most.

ASSA ABLOY Hospitality believes every customer is a customer for life, committing us to a partnership with all of our customers in the hospitality industry.

For more information on our Worldwide Service and local locations, visit our Service & Support page on our website: www.assaabloyhospitality.com

* 24/7 support is subject to local service and maintenance contract terms.
Please contact your local representative for local service hours.

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dedicated to satisfying
end-users needs for security,
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