

Multi Family Apartments

Security and Access Solutions

ASSA ABLOY
Global Solutions

Experience a safer
and more open world





ASSA ABLOY

Global Solutions

Today's Multi Family Apartments and their residents deserve only the highest standards in security to obtain a sense of wellbeing that should rightly come with any home. ASSA ABLOY Global Solutions: Multi Family Apartments is committed to providing you with the latest in industry technology to ensure that all areas of your property always remain secure and able to meet the most of demanding of resident expectations. Since 1974 when creating the world's first recodable door lock, ASSA ABLOY Global Solutions has held a long and proud history of taking the lead in security innovation and designing solutions that address the market's latest challenges and demands. As industry pioneers, we continue to use the most advanced technologies to make people feel safe and secure wherever they may go.

With our lock, access management and Mobile Access solutions also able to seamlessly integrate with many IoT-based amenities and services, ASSA ABLOY Global Solutions: Multi Family Apartments further ensures that each of your residents can obtain the ultimate in convenience and comfort that they seek from a modern and hassle-free home environment.

Able to offer localized service while drawing upon its vast worldwide resources, ASSA ABLOY Global Solutions' extensive international network covers more than 166 countries.

TABLE OF **CONTENTS**

System & Software	6
Livvi - The Multi Family Apartment Digital Key App	12
VingCard Locks	14
Accessories	20
Worldwide Service	22



Remote Controller



**Livvi - The Multi Family
Apartment Digital Key App**

VingCard
Essence



RFID Elevator
Controller



Access
Management System



VingCard
Signature RFID



System & Software

While providing the latest in security technology abilities, our solutions can also provide your residents with a seamless and hassle-free experience in gaining access throughout your property. This includes being able to gain entry to fitness centers, front entrances and elevators using a single keycard or their personal device as a secure digital key.







Visionline



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

Visionline is a wireless, high-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 with other online devices used within multi family environments.

Standard / optional features

 Lock audit trail	 Cancel access card
 Door ajar alarm	 Open doors

Security

 Move out management
 Low battery

Operations
Maintenance

Provide your employees with the ultimate in residence perimeter control using our advanced security system solutions. From managing visitor access permissions to overseeing and controlling access to a range of onsite locations such as parking garages in real-time, our solutions ensure the highest level of resident safety at all times.

Visionline Optional Features

Visionline is modular and consists of several different online modules that can be built to cater to the specific needs of your multi family business. These modules are Standard, Advanced, Communication, Safety, Online, In-room Safe, Mobile Access and Loyalty Program.



Security

- : Door ajar alarm
- : Request to exit
- : Wandering and sequential intruder alarms
- : Remote card cancellation



Visionline

Online and Offline Features

Real-time Communications

- : Send emails with reports and/or alerts to maintenance and/or security staff.



Operations

- : Door mode changes (lock or unlock remotely)
- : No need to issue new cards
- : Real-time staff entry tracking
- : Remote access rule changes (restrict access or block locks)
- : Optional "maintenance" cards
- : "One click" property-wide lock/unlock

ASSA ABLOY MyKey

- : Manages Mobile Access credentials



Operations (Security)

- : Open doors from a central location¹
- : Close doors from a central location¹



Loyalty Program Module

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

1. Special conditions apply

Vostio Access Management

The first fully cloud-based platform of its kind, Vostio Access Management by ASSA ABLOY Global Solutions provides the multi family industry with the latest in tenant and staff access management security efficiency. Able to be accessed and managed from anywhere and at any time, Vostio Access Management ensures that employees are always able to keep an eye on perimeter-wide security issues no matter where they may be.



Move to the Cloud

Let Vostio Access Management services live in the cloud alongside your other critical property management systems already in use. Open and secure interfaces allow Vostio Access Management to easily communicate with other cloud-based services, including your property's systems and ASSA ABLOY MyKey, ensuring maximum operational efficiency while providing your tenants with the ultimate in convenient and responsive service.

Rest easy knowing that your tenant access systems receive the best possible care and attention. Cloud monitoring and management tools ensure 24/7 availability, automated upgrades and secure backups that ensure your property is always protected against the latest security threats. Always operational, always updated and always backed up, Vostio Access Management simplifies the complex.

Vostio Features

Vostio Access Management represents a revolutionary next step and offers a multitude of security and operational enhancing features that legacy access management systems are unable to provide.



24/7
Connectivity



Seamless
Updating



Off-site
Management



Future
Proof



GDPR
Ready



Online
Servers



Vostio Access Management Benefits

Vostio Access Management provides tenant access flexibility and control for all types of multi family properties. It ensures your tenant access services always work as intended and opens endless opportunities to interact closely with tenants, while making it easier for your staff to personalize and administer the tenant experience.



For Multi Family Apartment Owners

- Reporting and transparency
- Global data protection compliance
- Secure cloud storage and backups
- No on-premise servers
- Compliance assurance due to automated patch management
- 24/7 availability, scalability and redundancy
- Remote systems control



For Property Managers

- Easy to install
- Smooth operations
- Cost efficient
- Customizable functions
- Remote monitoring
- Scalable and flexible IT resources
- Audit trails and traceability
- Cloud security against data theft, leakage and deletion
- Intuitive user interface



For Maintenance

- No local system maintenance
- Asset management control
- Easy troubleshooting and replacement
- Notifications and alarms
- Always up-to-date, secure and monitored

Vostio Location Solutions

Vostio Location Solutions lets you embrace the importance of place as an integral part of your business strategy. It's where you tap into the mindset of your tenants, improve operational efficiency and create more value for your business.



Location Solutions in Brief

- WHAT** A wireless infrastructure using the Internet of Things (IoT) and Bluetooth Low Energy (BLE) technology to provide integrated real-time and proximity indoor location services
- WHY** Enhance tenant experience, safeguard assets and streamline operations
- WHEN** As soon as possible to gain competitive advantage
- WHERE** Throughout your property
- HOW** Sensor beacons and gateways use BLE, to connect tenant and employee smartphones and share data on tenant preferences and location via the cloud.

The new frontier for competitive advantage

Location, location, location. Never before has it been more important to know the location of people and the everyday objects that make your property run. Location services and internet-enabled devices, or the Internet of Things (IoT), are fast becoming a strategic differentiator in the hospitality industry.

Location Solutions let you embrace the importance of place as an integral part of your business strategy. It's where you tap into the mindset of your guests. Where you help safeguard employees. Where operations become far more efficient. Where residents loyalty grows stronger. And where you can create more value for your residents and for your business.

Providing end-to-end location services makes it easy to deliver the connected experience that your residents have come to expect and your employees will come to rely on. By connecting smartphones to integrated beacon technology and the cloud, it's suddenly easier to gain a competitive edge.



Livvi – The Multi Family Apartment Digital Key App

Livvi is the Mobile Access solution that provides residents with secure and convenient access throughout your property using personal devices as a digital key. From entering individual residential units to gaining entry to parking garages, elevators, swimming pools and gyms, residents equipped with Mobile Access can instantly move throughout your property's environment while still maintaining the highest standards in industry security.

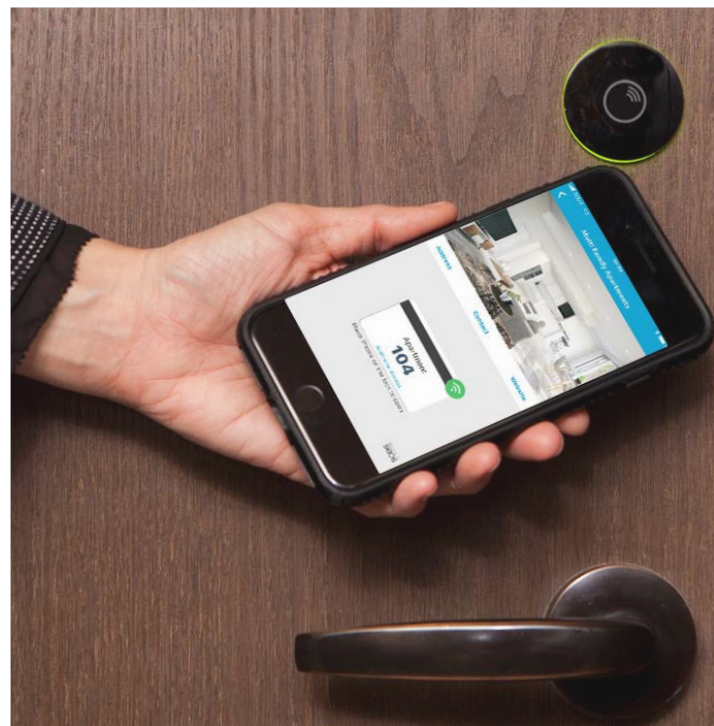


Better Tenant Experience

By improving service levels and the tenant experience, Livvi builds loyalty as well as the property's image and brand. Such a central feature adds value to a property's mobile strategies, making them more relevant to potential tenants. Able to seamlessly integrate with a range of smart home systems, Livvi provides the opportunity to create a unified IoT-based living environment that meets today's heightened resident expectations for a connected, convenient and hassle-free experience.

How It Works?

- 1** Download the application.
- 2** Receive digital key credentials from property.
- 3** Open door with the use of mobile application / mobile key.



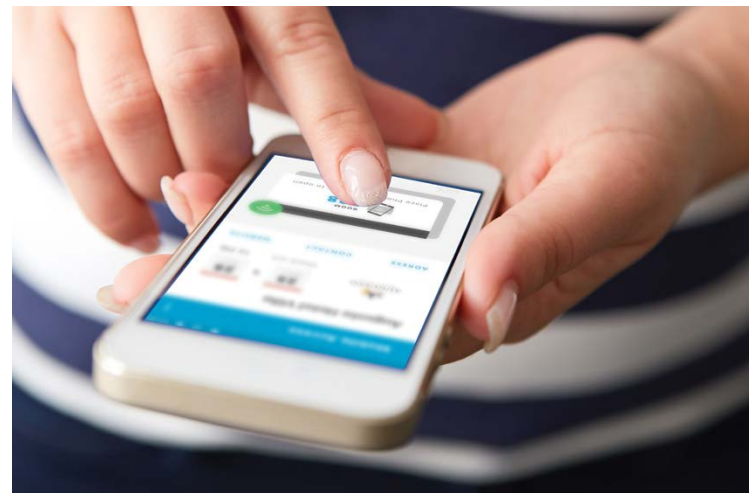


Unique User Experience

Stand apart from other multifamily locations by providing your residents with Livvi experience reflecting the latest that modern technology can provide. By being able to use personal devices as a secure digital key to gain access to residences and other onsite areas, your tenants will not only find enhanced convenience, but will also identify your property with providing a service that is truly memorable.

Benefits for Property Management System

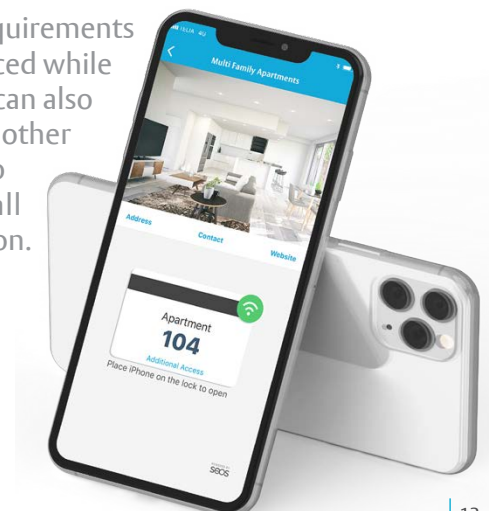
Regardless of time or physical location, your property staff can stay in complete control over virtually all aspects of security access. Employees can instantly cancel keys, check door lock battery levels, provide residents or visitors with access to other areas and much more without having to first locate a stationary terminal.



Increased Cost-Efficiency

Properties equipped with Livvi can sidestep the need to create or replace physical keys while also eliminating the need to rekey locks.

Maintenance requirements are further reduced while labor resources can also be redirected to other tasks that lead to enhanced overall tenant satisfaction.



VingCard Locks

Since 1979, research and development has been a key element for ASSA ABLOY Global Solutions in finding new solutions for the future. By working together as a team, using experience from the market and combining it with hands-on knowledge, ASSA ABLOY Global Solutions develops solutions that meet the multi housing needs of tomorrow.



VingCard Allure



VingCard Essence



VingCard Signature



VingCard Classic

A Total Set of Lock System Solutions

Designed according to the most demanding ANSI grade 1 standards, VingCard electronic locks are tested to more than 1 million openings to ensure durability and ongoing security within any multi family environment. Based on a heavy-duty mortise lockcase and a solid escutcheon, each VingCard 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.

Each VingCard door lock solution is also engineered using a modular construction, providing multi family locations with complete ease in changing and servicing parts without having to replace the full lockset. Based on our company's future-proof philosophy, VingCard lock software can be upgraded in the field at any time, allowing properties to instantly adapt to evolving multi-family industry needs without having to replace any existing hardware.



Electronic Locks Comparison Table
on page 17



VingCard Allure

VingCard Allure provides multi family operators with the ultimate in interior design dreams. A sleek and stylish LED panel that repositions all lock components from the door and onto the adjacent wall. VingCard Allure embodies what it means create a modern and trend-setting building environment. Each Allure panel is further capable of being implemented with fully customizable LED backgrounds to match a property's unique style and tone. In addition to being equipped with the latest in RFID security technology, VingCard Allure is also ASSA ABLOY MyKey compatible with the simple addition of our BLE module.

-  RFID ready
-  BLE ready
-  Wireless (Zigbee)
-  Wired (PoE)




Description

- The industry's most advanced and secure RFID technology
- Wall-mounted panel with LED light information indicators
- Wall reader with customizable intelligence and functionality
- Stylish panels with flexible design options
- Illuminated room number option with 16 selectable LED light color themes
- Standalone solution for DND/MUR setting and status display
- Wireless communication between wall and door unit
- Online connectivity with Visionline Wireless (ZigBee) or Visionline Wired (PoE)
- Integration with GRMS



VingCard Essence

VingCard Essence utilizes the latest in security encryption technology to minimize the risk of unauthorized entry while providing your property with the ultimate in trendy design. Its sleek and minimalistic appearance ensures the ability to seamlessly compliment any apartment building style and décor. With its ASSA ABLOY MyKey ready compatibility, VingCard Essence is able to instantly provide tenants with digital key functionality the moment the demand arises and without the need to add any additional components.

-  RFID ready
-  BLE ready
-  Wireless (Zigbee)





Description

- Minimalistic design with electronics inside the door
- Provides a wide range of design options for handles
- RF Online capability (wireless)
- New stylish reader design
- RFID reader with improved reading distance



VingCard Signature




VingCard Signature RFID is ideal for multi family locations seeking the latest in security abilities while also desiring to enhance a property's sleek and modern appearance. Additionally equipped with complete ASSA ABLOY MyKey compatibility, Signature RFID serves as a future-proof solution that can at any point provide tenants with enhanced digital key convenience.

-  RFID ready
-  BLE ready
-  Wireless (Zigbee)
-  Wired (PoE)



VingCard Classic

VingCard Classic provides multi-family businesses with a cost-effective and seamless path towards enhanced security and tenant convenience. In a few easy steps, properties currently equipped with VingCard Classic can upgrade to Classic RFID with just the addition of an RFID reader. Once equipped with an RFID reader and for properties desiring to ultimately gain the many benefits of ASSA ABLOY MyKey, all that is further needed is the addition of a BLE module in order to begin providing tenants with the latest in digital key technology.

-  RFID ready
-  BLE ready
-  Wireless (Zigbee)

Upgrade to RFID Technology

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



Upgrade the magnetic stripe technology Signature lock with RFID Technology



Upgrade the magnetic stripe technology Classic lock with RFID Technology

Handle Options

To truly match the style requirements at your property, we also offer a wide range of handle options.

VingCard Standard Handles



Ship Handle



US Ship Handle



Standard Handle



Functional ANSI Handle



Gothic Handle



Wing Handle



Straight Handle



Special Handle (45 slant)*

* To be installed on the inside of door, regular handle is needed on the outside.

Finishes

Offering one of the industry's widest choices of finishes, VingCard electronic locks can be configured to match the design of any property. *



Satin Chrome



Polished Chrome



Satin Brass



Polished Brass



Velour Nickel
w/Polyester



Light Bronze



US Antique Dark



BSP Black Suede



Black Titanium



* Picture of finish might differ from actual product.

Valli & Valli Designers' Handle Collection

We 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 Signature, Essence and Allure.



Fusital H334



Fusital H317



Valli & Valli K1160



Valli & Valli H1026



Valli & Valli H123



Fusital H338



Fusital H329



Valli & Valli H1037



Valli & Valli H1039



Valli & Valli H120



Fusital H343



Fusital H359



Valli & Valli H1040



Valli & Valli H1049



Valli & Valli H1054



Fusital Inox H5008



Fusital Inox H5015



Valli & Valli H1050



Valli & Valli H1051



Valli & Valli H10554

SARGENT | Corbin Russwin | Yale Designer Handles

ASSA ABLOY Global Solutions is pleased to introduce an expanded range of designer handles and general product offerings from three of our sister companies SARGENT, Corbin Russwin and Yale. These ASSA ABLOY companies based in Connecticut have over 150 years of experience in manufacturing high-quality commercial grade hardware.



CR 21G / SAR RAG



CR 21L / SAR RAL



CR 21S / SAR RAS



CR 21M / SAR RAM



CR 25M / SAR REM



CR 27M / SAR RGM



CR 102 / SAR MD / Yale TB



CR 104 / SAR MP / Yale TD



CR 106 / SAR MB / Yale TM



CR 110 / SAR MI / Yale TS



CR 111 / SAR MN / Yale TT



CR 113 / SAR MK



CR 115 / SAR MU / Yale TX



CR 116 / SAR MV / Yale TY



CR 123 / SAR MW / Yale TQ



CR 124 / SAR ND / Yale UB



CR 133 / SAR H001



CR 135 / SAR H003



CR 136 / SAR H004

Valli & Valli, Corbin Russwin and SARGENT handles are available in 10 different finishes: Polished Chrome, Satin Chrome, Polished Brass, Satin Brass, Titanium, Matt Bronze, Brownish, Matt Black, Polished Stainless Steel, Satin Stainless Steel.

Electronic Locks Comparison Table



ALLURE



ESSENCE



SIGNATURE



CLASSIC

Lockcase	ANSI, EURO, JPN and AUS	ANSI, EURO, JPN and AUS	ANSI, EURO, US ANSI, JPN & AUS	ANSI, EURO, US ANSI, JPN & AUS
Panic release	Yes	Yes	Yes	Yes
Auto locking	Yes, the latch automatically locks the door when closed. Optional automatic deadbolt	Yes, the latch automatically locks the door when closed. Optional automatic deadbolt	Yes, the latch automatically locks the door when closed. Optional automatic deadbolt	Yes, the latch automatically locks the door when closed. Optional automatic deadbolt
Mechanical override	Optional	Optional	Optional	Optional
Cylinder events in audit trail	Yes	Yes	Yes	Yes
Reader technology	RFID + BLE	RFID/NFC + BLE	RFID/NFC + BLE	RFID/NFC + BLE
RF-online upgradeable	Yes, with additional circuit board	Yes, with additional circuit board	Yes	Yes
Anti-Cloning technology cards	Yes	Yes	Yes	Yes
System software compatibility	Visionline	Visionline & Vostio	Visionline & Vostio	Visionline & Vostio
Online compatibility	Visionline Wireless (ZigBee) or Visionline Wired (PoE)	Wireless (ZigBee) or Visionline Wired (PoE) in Visionline	Both Wireless (ZigBee) or Wired (PoE/Ethernet) in Visionline	Wireless (ZigBee) in Visionline.
Power supply	3 AA batt + 12-24V ext	3 AA batteries	3 AA batteries ⁽¹⁾	3 AA batteries ⁽¹⁾
Automatic unlock/lock	Yes	Yes	Yes	Yes
Passage mode	Yes	Yes	Yes	Yes
Audit trail	Offline: 3000 Online: Unlimited (local server)	Offline: 3000 Online: Unlimited (local server)	Offline: 3000 Online: Unlimited (local server)	Offline: 3000 Online: Unlimited (local server)
Guest privacy function	Yes	Yes	Yes	Yes
Finishes	7	7	7	7
Reader/Panel colors	Black, white or custom	Customizable	Black, white or custom	Black
Handles	7 Standard + Designer	7 Standard + Designer	Standard + Designer	Standard + Designer
UL fire listed	Yes	Yes	Yes	Yes
Mobile Access compatible	Yes	Yes	Yes	Yes

¹ Up to 2 years normal lifetime.

Accessories

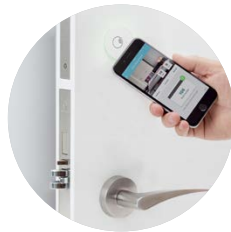
ASSA ABLOY Global Solutions offers an extensive range of accessories and security hardware options to complement your multi family property locking system and provide enhanced security. These include such items as keycards and RFID carriers, as well as complementary hardware for cohesive property design.

RFID Credentials

ASSA ABLOY Global Solutions offers a wide range of RFID carriers that are designed for different applications (for tenants or staff) and give you the opportunity to enhance the tenant experience.



Keycard



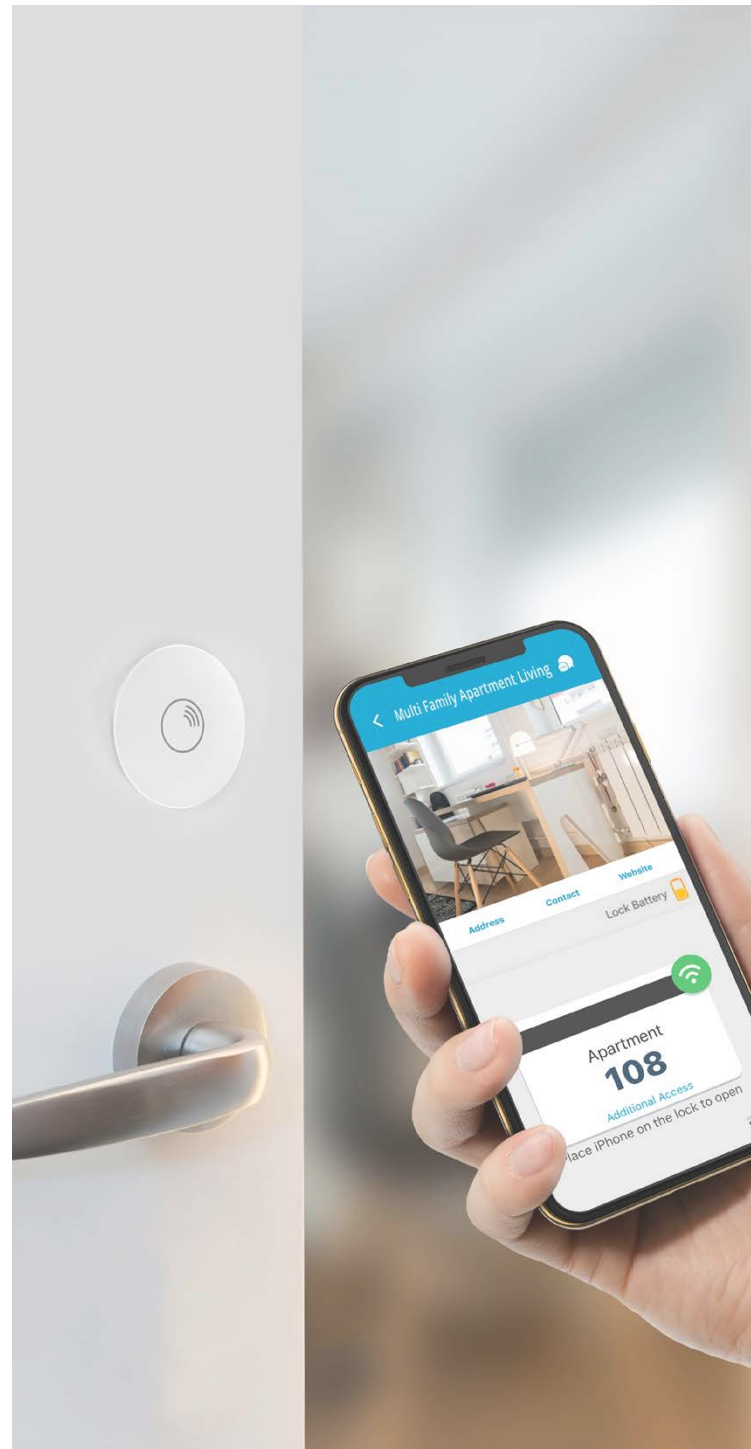
ASSA ABLOY
Livvi

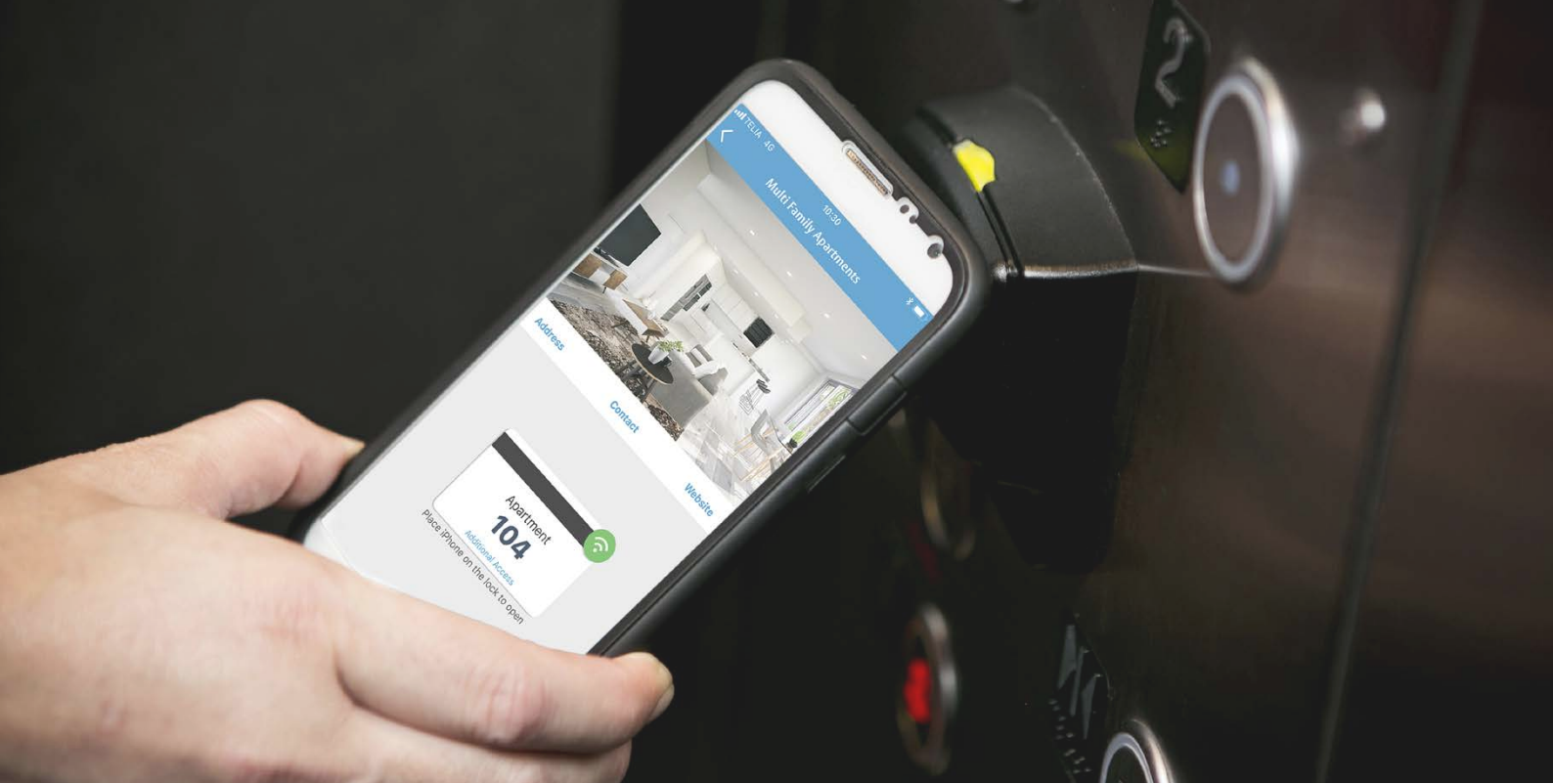


Wristband



Keyfob





RFID Remote Controller

This independent unit provides access control to common doors, such as parking, health clubs, staff entrances or tenant night entrances. VingCard Remote Controllers are fully compatible with all VingCard card locking systems and ASSA ABLOY MyKey.



RFID Elevator Controller

VingCard's Elevator Controller is designed to be built into the elevator panel and operates offline. The security level of the property will increase, as only tenants or authorized visitors with a valid keycard will have access to the elevators/floors. The Elevator Controller is compatible with all of VingCard's card locking systems and ASSA ABLOY MyKey.



RFID Exit Device

By installing a VingCard Exit Device on your emergency exit, you maintain full access control from the outside as well as an easy and safe escape in case of an emergency. The emergency exit can be opened simply by pushing the push bar. The Exit Device is suitable for wooden, metal and glass doors. It is supplied in a RIM version for horizontal installation with latch on the side of the door and in a ROD version for vertical installation with latch on top and bottom of the door.

Worldwide Services

Offering top-of-the-line customer service has always been a priority at ASSA ABLOY Global Solutions. 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 Global Solutions' 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, the convenience of local service, and round-the-clock support 24 hours a day, 365 days a year*. Our technical support representatives 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 Global Solutions believes every customer is a customer for life, committing us to a partnership with all of our customers in the multi family industry.

For more information on Worldwide Service and local locations, visit our Services & Support page at assaabloyglobalsolutions.com

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





Customer Support

Staffed with seasoned technical support representatives, our Support Desk is positioned to provide you with efficient and effective technical telephone support 24 hours a day, 7 days a week, 365 days a year. Our team is dedicated to making sure you have the support you need to keep your multi family business running at top efficiency.

Contact us via our new online support tool by registering at:



my.assaabloyglobalsolutions.com/assaabloy

For all other issues, we encourage our customers to use our Customer Online Tool. ServiceNow provides users with the following:

- **Live Chat** – Contact Support (available Mon-Fri, 7a-7p CST)
- **Service Catalog** – Open a case for technical support and request services (such as licenses, server migrations, etc.)
- **Knowledge Base** – Self Help, Guides, Manuals, and Service News
- **System Status** – planned service availability

Email us to learn more about our customer support contracts and warranty:



SupportContracts.nam.globalsolutions@assaabloy.com

Professional Services

- Server migrations
- Database Rebuilds
- Remote System Upgrades
- Mobile Key Setup / Go Live Service
- PMS Implementations
- Specialized Services

For critical issues, contact us by phone and speak with a technician:



[1-800-225-8464](tel:1-800-225-8464) | Option 2

Critical issues such as properties that are completely down or unable to make keys.

The ASSA ABLOY Group is the global leader in access solutions. Every day we help people feel safe, secure and experience a more open world.

ASSA ABLOY
Global Solutions

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