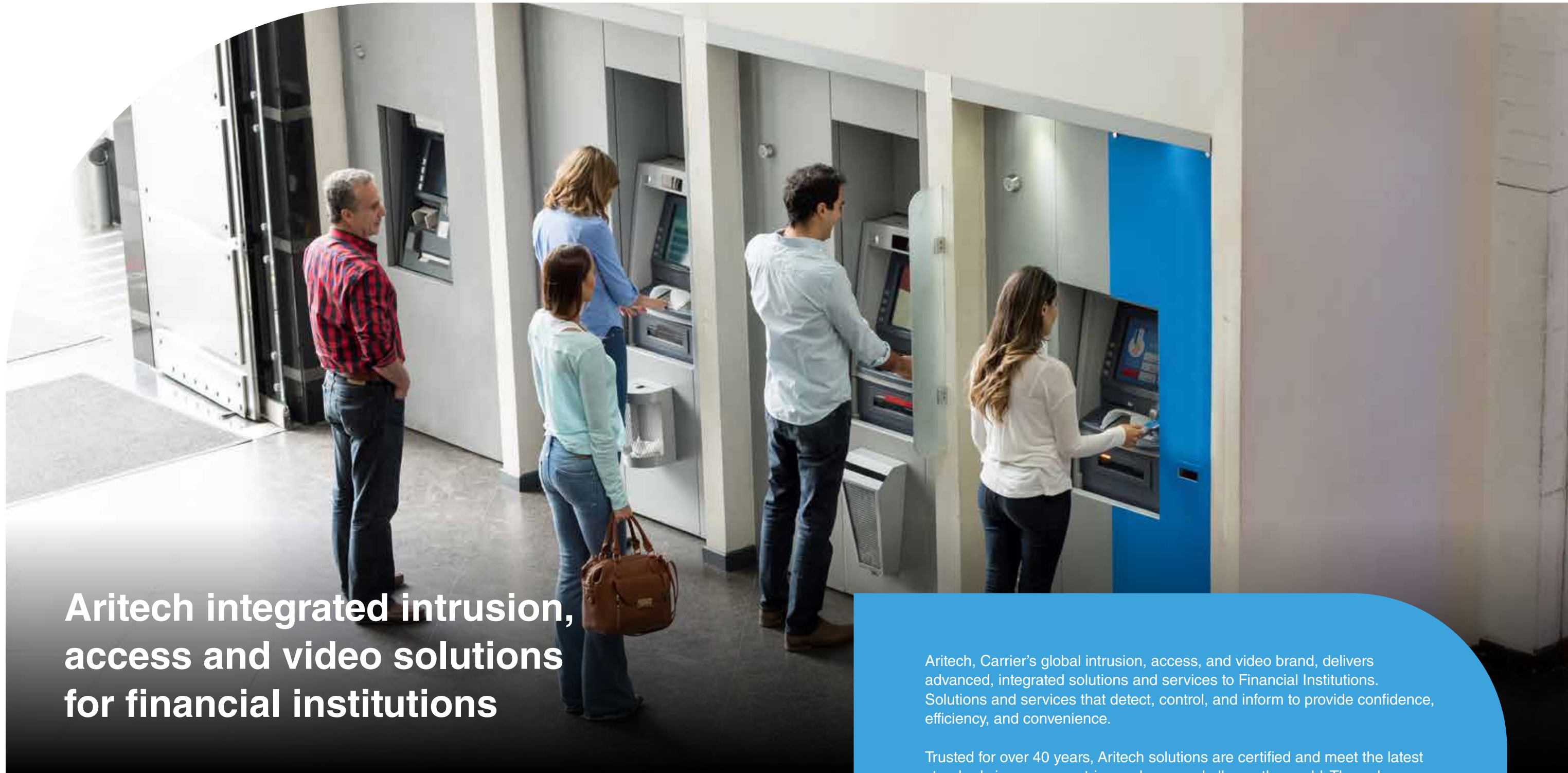




**Integrated security  
solutions for  
financial institutions**

Relation building and profitable  
financial transactions are all you  
should be focusing on



## **Aritech integrated intrusion, access and video solutions for financial institutions**

Aritech, Carrier's global intrusion, access, and video brand, delivers advanced, integrated solutions and services to Financial Institutions. Solutions and services that detect, control, and inform to provide confidence, efficiency, and convenience.

Trusted for over 40 years, Aritech solutions are certified and meet the latest standards in many countries and are used all over the world. Through continuous innovation, our solutions have evolved with the next generation technologies. The challenges in this segment are constantly evolving.

Based on knowledge, expertise and customer feedback, we are well positioned to meet and address the needs of present-day financial institutions.



# Security challenges



## ATM Room

Access to the ATM Room needs to be restricted, in line with the defined security procedures.



## Employee Security

Whether cash handling in a bank branch is everyday business or is reduced wherever possible, employee security remains a top priority for a financial institution.



## Changing needs

Financial institutions are always considering improvements to their service and looking for cost optimization. New trends might lead to a changed service model resulting in security procedures to be revisited.



## Cybersecurity

Cyber attacks happen increasingly frequent and security systems connected to the financial institutions network needs to be robust to withstand these attacks.

# ATM Room

ATM's contain a substantial amount of cash and replenishing these comes with strict procedures to access the ATM room and open one or more ATM's. These procedures can be country or bank specific and are intended to limit the risk for the bank and its employees.



## How it works

Advisor™ Advanced is a fully integrated access control and intrusion detection solution that enables smart interactions and links with the TruVision® video surveillance systems.

Time-delayed opening, interlocking doors functionality, people counting solution, and remote video verification can work seamlessly together to ensure security protocols are met. The flexibility of the Advisor Advanced solution includes macro-logic capabilities, to tailor the system to the needs of the financial institution.

Aritech seismic sensors, anti-masking volumetric sensors and people counting cameras can detect deviations from the standard situation and alert the central station.

## The solutions we offer

Providing access to the ATM room can be done remotely from the central station after a video verification session or via a defined access control procedure with time-delayed access and interlocking doors functionality.

Time-delayed opening of an ATM can only be done when the door of the ATM room is locked and when the number of people in the room is in line with the bank's procedure. Any deviation is automatically reported and can trigger a video verification session.

Outside office hours, sensors will detect and inform of any suspicious event.

## Benefits

- **Flexibility**  
The flexibility of Aritech's solution allows users to tailor the system in line with local standards and procedures
- **Interlocking doors**  
Avoiding selected doors to be opened at the same time increases security and compliance with the defined procedures
- **Time-delayed functionality**  
Time delay can be set on selected doors and on the opening of ATM's
- **Remote video verification**  
The access to the ATM room and the replenishment process can be overlooked remotely



## Benefits

- **Employee confidence**  
When employees are fully aware of the security procedures in place, it increases their confidence of a safe work environment
- **Compliance**  
The system can be designed and configured in a way that fully embraces compliance
- **Multi-site remote verification**  
The TruVision Navigator software allows for the ability to handle multiple sites effectively and action can be taken swiftly when required
- **Flexibility**  
When a situation occurs that requires changes in the procedures temporarily or permanently, the system can be adapted to the new needs

# Employee security

Security procedures help to reduce situations of aggression or early morning robbery.

Cashless bank branches are welcoming and designed to build a closer relation with the customer with little or no physical barriers. For bank branches where cash handling is everyday business, employee security is a continuing undertaking.

## How it works

TruVision Navigator software allows for the ability to select several multi screen views to verify remotely if a bank branch can be opened safely. The verification procedure using the multi screens reduces the time needed to perform the remote verification. The link between the video system and the Advisor Advanced intrusion detection and access control solution, enables remote opening of the branch safely.

Specific bank branch disarm procedures can be configured in the Advisor Advanced system. These will increase employee security by detecting a deviation from the defined way to open a branch.

When a panic button is triggered, the central monitoring station can assess the situation remotely, alert the police forces when necessary and send the watermarked video footage for evidence purposes.

## The solutions we offer

Via a remote video verification session, access can be granted from the central monitoring station. Branches located in higher risk areas can be opened remotely, preventing bank employees to carry the keys of the local bank branch.

For situations of aggression and situations whereby employees are locked up in a room, wired or wireless panic buttons allows users to send a silent alarm to the monitoring station so proper action can be taken after a video verification sequence.

## Changing needs

Banks are always looking to improve their services and optimize cost. The so called 'hub and spoke' model refers to smaller local branches benefiting from the support of a larger regional branch with a team of experts having specialized knowledge. Moving to a changed model comes with changing security aspects.

The security solution of choice must respond to the requirements of a larger regional branch and a small local one.



## How it works

ATS855x remote service & maintenance software allows for the ability to diagnose, configure and service multiple sites remotely reducing the need for on-site interventions substantially and making these less urgent. The software can overlook the installed base of Advisor Advanced systems and perform health checks via IP or over 4G networks with a 3G/2G fallback option when the 4G coverage is temporarily unavailable.

## The solutions we offer

Implementing changing requirements, security protocols, configurations and updates can be done remotely over UltraSync, the Aritech communication platform. Remote management and remote service reduces the number of urgent on-site visits with a positive effect on the speed of interventions combined with a cost efficiency effect.

The remote service can be realized over the banks' secured network or using the 4G connectivity, completely separated from the IP connection used for alarm transmission.

## Benefits

- **Remote service**

Configuration changes, firmware updates and health checks can be done remotely for all connected Advisor Advanced systems

- **Urgency of interventions**

Thanks to the remote service capabilities, on-site interventions can be made less urgent and can be scheduled during a maintenance visit

- **User management**

When a regional manager, security or facility manager is re-assigned to a new region, user access changes for all branches is handled by the remote service software

- **Reports**

Service reports can be made available for all connected systems



## Key capabilities

- Security Design, Requirements and Architecture
- Cybersecurity Feature and System Development
- Penetration & Regression Testing
- Secure Deployment
- Product Security Incident Response
- Product Cybersecurity Standards Compliance & Certification



More information can be found on:  
[firesecurityproducts.com/en/page/carriercybersecurity](https://firesecurityproducts.com/en/page/carriercybersecurity)

## General benefits

- **GDPR Compliance**

Our products are designed with "Privacy by design" (PbD) in mind to support our end users in their compliance efforts.

## Cybersecurity

The security posture of connected systems is tested daily in a world where cyber attacks occur increasingly frequent. Connected systems need to be robust to withstand attacks and safeguard the financial institution's network security.

This applies especially to security systems as it could potentially impact both the network and the security of employees of financial institutions.

## The solutions we offer

Products and services manufactured and supported by Carrier are subject to robust secure development and process control requirements that comply with commercially appropriate cybersecurity standards of compliance. The Carrier Way for product security means proactive focus, best practices, comprehensive support and the domain expertise to strengthen and ensure the resiliency and stability of our offerings.

Our mission is to ensure the following core strategic outcomes:

- Products and services that are "Secure by Design"
- Standards-Based Cybersecurity Governance & Compliance
- Persistent Vigilance and Continuous Improvement
- Customer Mission Success

Carrier works proactively to secure its offerings and enable best outcomes for customers. This requires contributing to and benefiting from our professional community within mutually beneficial strategic alliances and taking positions of industry thought leadership with leading cybersecurity organizations.

Carrier is proud to serve as:

Founding Member of the ISA Global Cybersecurity Alliance

CVE Numbering Authority (CNA)



## Other Carrier businesses



Since 1872 Edwards has led the way with innovative fire detection and alarm solutions that make built space today as safe from fire as it's ever been.

[www.edwardsfiresafety.com](http://www.edwardsfiresafety.com)



Founded by Walter Kidde, a pioneer in early smoke detection and fire suppression, Kidde is one of the world's largest manufacturers of fire safety products.

[www.kidde.com](http://www.kidde.com)



LenelS2 was founded in 1991 as Lenel's founders and engineers saw the value of open architecture and streamlined integration with third-party security components. The open architecture allows OnGuard® to integrate seamlessly with advanced third-party technologies.

[www.lenels2.com](http://www.lenels2.com)



Marioff is a leading developer and innovator of high-pressure water mist fire protection. The HI-FOG® system safely controls and suppresses fire using significantly less water than conventional sprinkler systems, reducing water damage, cleanup time and operational downtime.

[www.marioff.com](http://www.marioff.com)



## About Carrier

Carrier is the leading global provider of healthy, safe, sustainable and intelligent building and cold chain solutions with a world-class, diverse workforce. From the beginning, we've led in inventing new technologies and entirely new industries. Today, we continue to lead because we keep customers at the center of every product and service we offer and we act quickly to exceed their expectations.



\* Statistics of the year 2021



Visit [www.aritech.com](http://www.aritech.com)



Customers need technology solutions that will allow them to capitalize on critical market trends. They require systems that are easier to use, seamlessly integrated and that provide increased connectivity. This will give them the competitive edge through increased efficiency and lower costs.

Aritech provides leading security and life-safety solutions for both commercial and residential applications covering intrusion, video, transmission and access. Offering some of the most trusted product names in the industry, and backed by ongoing partner services and support, Aritech helps customers secure and protect what matters most. Aritech is a part of Carrier, the leading global provider of healthy, safe, sustainable and intelligent building and cold chain solutions. For more information, visit [aritech.com](http://aritech.com) or follow us on LinkedIn @Aritech



Carrier Fire & Security EMEA BV is a part of Carrier Global Corporation.

©2022 Carrier. All Rights Reserved. All trademarks and service marks referred herein are property of their respective owners.

Tel: +32 2 725 11 20  
[emea@carrier.com](mailto:emea@carrier.com)