ARITECH

Integrated security solutions for retail spaces
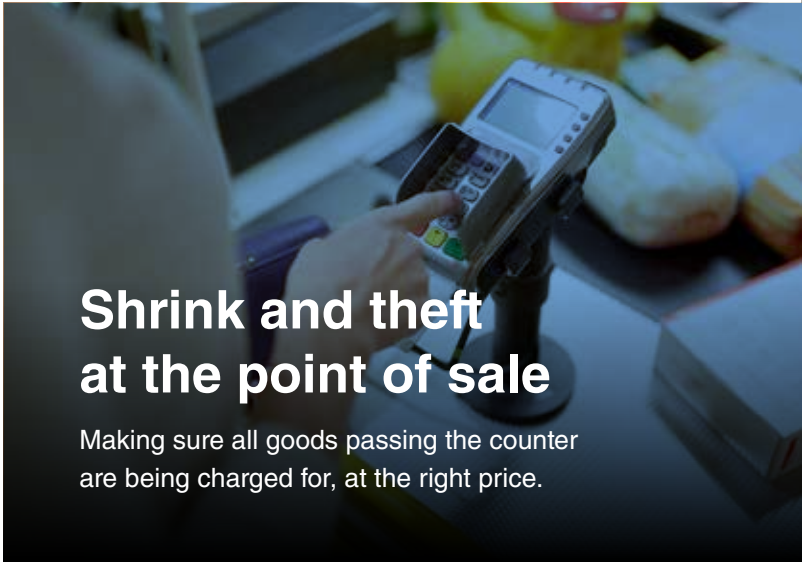
Business is all you should be open for

Aritech integrated intrusion, access and video solutions for retail spaces

Aritech, Carrier's global intrusion, access and video brand, delivers advanced, integrated solutions and services to the Retail segment. 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 our knowledge, expertise and customer feedback, we are well positioned to meet and address the needs of present-day retail spaces.

Security challenges

Shrink and theft at the point of sale

Making sure all goods passing the counter are being charged for, at the right price.

Theft after hours

When the shop is closed and no employee is present, you want your shop inventory to be secured.
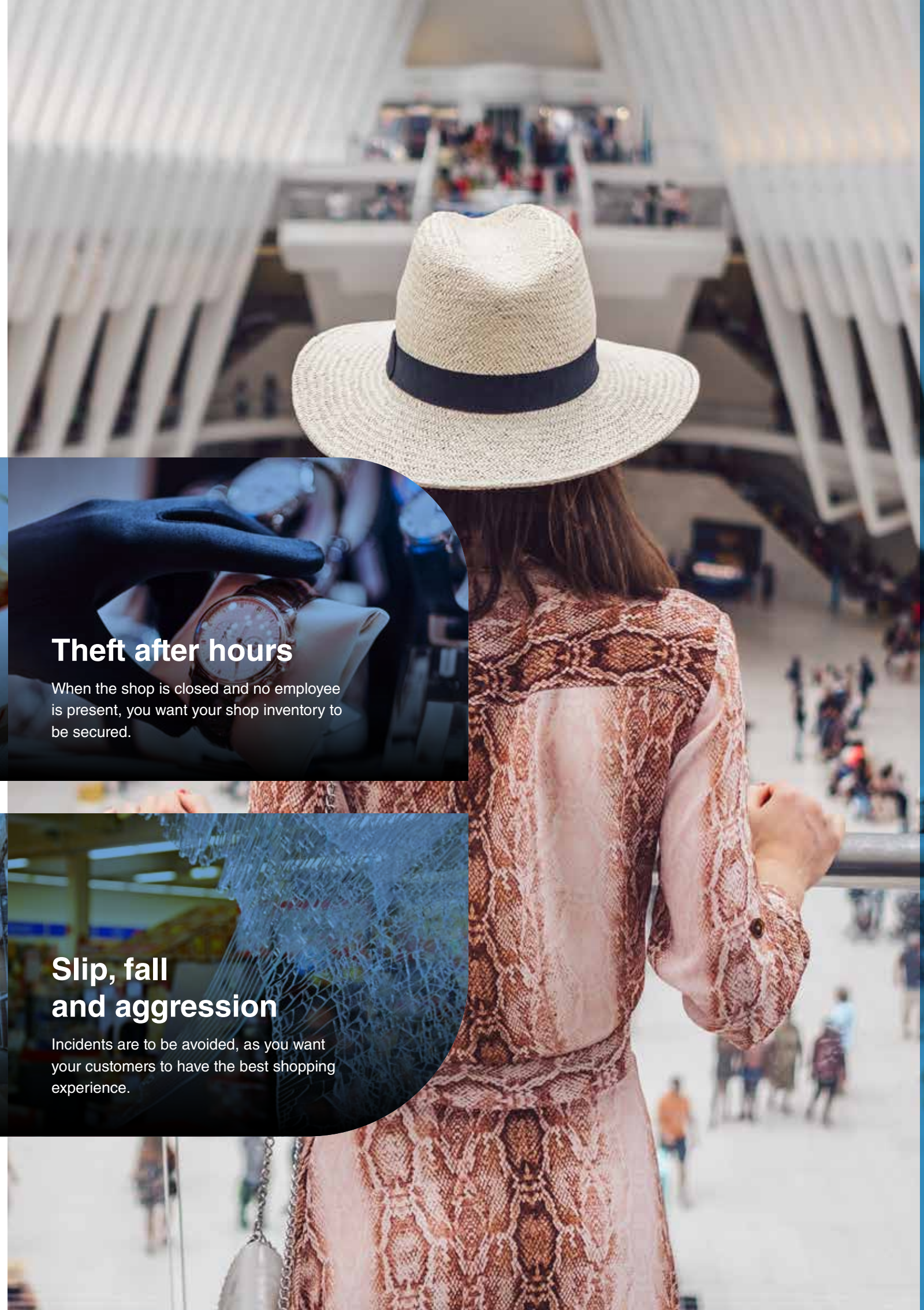
Theft from the back door during business hours

Your store needs to be replenished, and when doing so, the back door is typically wide open.

Slip, fall and aggression

Incidents are to be avoided, as you want your customers to have the best shopping experience.

Shrink and theft at the point of sale

Theft can occur at the point of sale (POS) in various ways, goods passing the counter without being charged for, or at the price of a lower priced item. Voided transactions are always of particular interest. Finding out who is involved without delay limits the losses.

How it works

360° TruVision® megapixel cameras provide a good overview of the POS area from a different viewing angle, with the possibility to pan/tilt/zoom in the recorded footage while searching for details of the event. The TruVision Navigator software and the TruVision TVRMobile app allows for a quick search on suspicious actions or transactions.

Capturing POS transaction data on the video footage makes it easy to search and verify suspicious transactions. It provides for the ability to match the scanned product with the one captured by the video camera.

The solutions we offer

Capturing what happens at the point of sale is important to understand to be able to check the different scenarios of theft in your specific retail environment. Recordings of a wide-angle camera can reveal if the action was carried out by multiple people or with the help of employees.

TruVision Navigator software includes watermarking, confirming that the video footage has not been tampered with and can be used as evidence.

Benefits

- **Covering every square inch**

  A 360° TruVision camera recording can reveal what you could not see

- **Linking transactions to video recordings**

  Retrieving matching footage of specific transactions with POS integration and TruVision search functionality

- **Return on investment**

  Understanding how shrink and theft takes place enables you to act quickly and reduce losses

- **Compliance**

  There are multiple benefits of a more compliant workforce with less shrink and theft

Theft after hours

When the shop is closed and no employee is present, thieves can break in and steal the valuable items they are looking for. This can happen with or without inside information and preparation.

After business hours, you want to return home having your shop inventory secured.

Benefits

- **Early warning**

  Detecting preparation of a burglar attempt enables proper action to be taken before damage is done

- **Video verification**

  When events happen that require further investigation, verification is facilitated by linking intrusion events with video footage

- **Return on investment**

  Reducing the risk of theft avoids disruptions

- **Comfort and safety**

  Security solutions you can rely on increases comfort and safety

How it works

Aritech has a 40 year history of highly performing intrusion sensors for rooms, walls, roofs, windows, doors, and vaults. Thieves sometimes prepare their action by masking sensors, which is why Aritech has state-of-the-art anti-masking detection built-in, continuously checking the correct operation of the sensors.

Video surveillance technology will capture the events even in low light conditions for analysis and evidence purposes and a monitoring station can receive a short clip or a video stream for alarm verification.

The solutions we offer

Early detection means early warning. Detecting someone trying to gain access to the retail space allows the monitoring station to respond quickly to the situation.

Attempts to disable or reduce the detection capabilities of motion sensors during business hours are promptly reported as well.

Integrating intrusion detection with a video surveillance solution enables verification of the event and can help to quickly determine appropriate actions.

Theft from the back door during business hours

When products are sold from the shop floor, the stock must be replenished. When product shipments are received, the back door is typically wide open. The same happens when employees are taking breaks enjoying some fresh air and a ray of sunlight. This situation is an ideal opportunity for someone trying to steal products to quickly bring them to their car or hide them for retrieval later.

How it works

The Advisor™ Advanced system provides seamless integration of intrusion detection and access control. The backdoor contact can be used both for detecting the door opening when the alarm system is set and for the access control system when employees are at work. Employees requesting to unlock the backdoor by swiping their badge are triggering the access control and the video system to register the event.

Opening/closing of larger overhead doors comes with significant changes in light conditions. TruVision wide dynamic range cameras can handle these conditions and provide clear, crisp video footage in bright summer and darker winter times.

The solutions we offer

Having the backdoor fitted with access control provides for the ability to identify who opened the door, at what time of the day and for how long. When combining this with a video surveillance system, it enables the ability to monitor, analyse, and investigate suspicious activity. It is also possible to remotely grant access via an app and monitor the activity using a remote video connection on a mobile device.

Benefits

- **Verification**

  When events happen that require further investigation, verification is facilitated by linking access events with video footage

- **Compliance**

  Employees and contractors who are aware of the security measures in place will demonstrate compliant behavior

- **Reduction of inventory differences**

  A more accurate stock reduces the time spent on searching for missing products, reordering and administration

- **Return on investment**

  Reduction of losses and increased focus on the sales operation

Benefits

- **Safe and secure retail environment**

  A safe retail space is to the benefit of the customers and the management

- **Video verification**

  When incident information is received, the available video footage can reveal crucial additional information

General benefits

- **Cybersecurity**

  Cybersecurity is a crucial consideration in the development of Aritech products and solutions: from the initial concept to the final product and beyond, as we continuously endeavour to keep our products up to date with new requirements and through rigorous testing.

- **GDPR Compliance**

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

Slip, fall and aggression

On a shop floor, everybody is welcome and special attention goes to elderly people and those who are disabled or have impaired vision. EHS rules are important for a retailer in making sure obstacles are clearly visible and incidents are avoided.

Verbal and physical aggression can occur when people feel stress, are being treated unfairly, or go through difficult times. Things can get out of hand quickly.

How it works

Most TruVision cameras have video analytics capabilities allowing you to define safety zones where no object may obstruct the free movement of people to avoid incidents. Video analytics can warn the supervisor of a potentially dangerous situation.

High resolution 360° cameras can detect hot spots and have intersection analysis showing the path customers take, how much time they spend in different zones and their in-store behaviour. This gives an insight into the busiest and least busy areas allowing retailers to make changes where needed.

They also provide a good overview and allow for ability to pan/tilt/zoom in the recordings to analyse what exactly occurred.

The solutions we offer

The safety of customers and staff is key. The TruVision video surveillance solution allows for the ability to monitor if a wet floor is indicated properly and if obstacles are removed promptly so employees and customers can move around safely on the shop floor. When detected in time, it allows the retailer to take preventive actions to clear the risk.

Being able to analyse incidents of aggression via recorded footage helps determine exactly what happened, the root cause and how to avoid these situations in the future, based on lessons learned.

Other Carrier businesses

EDWARDS

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

Kidde

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

LENEL·S2

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.
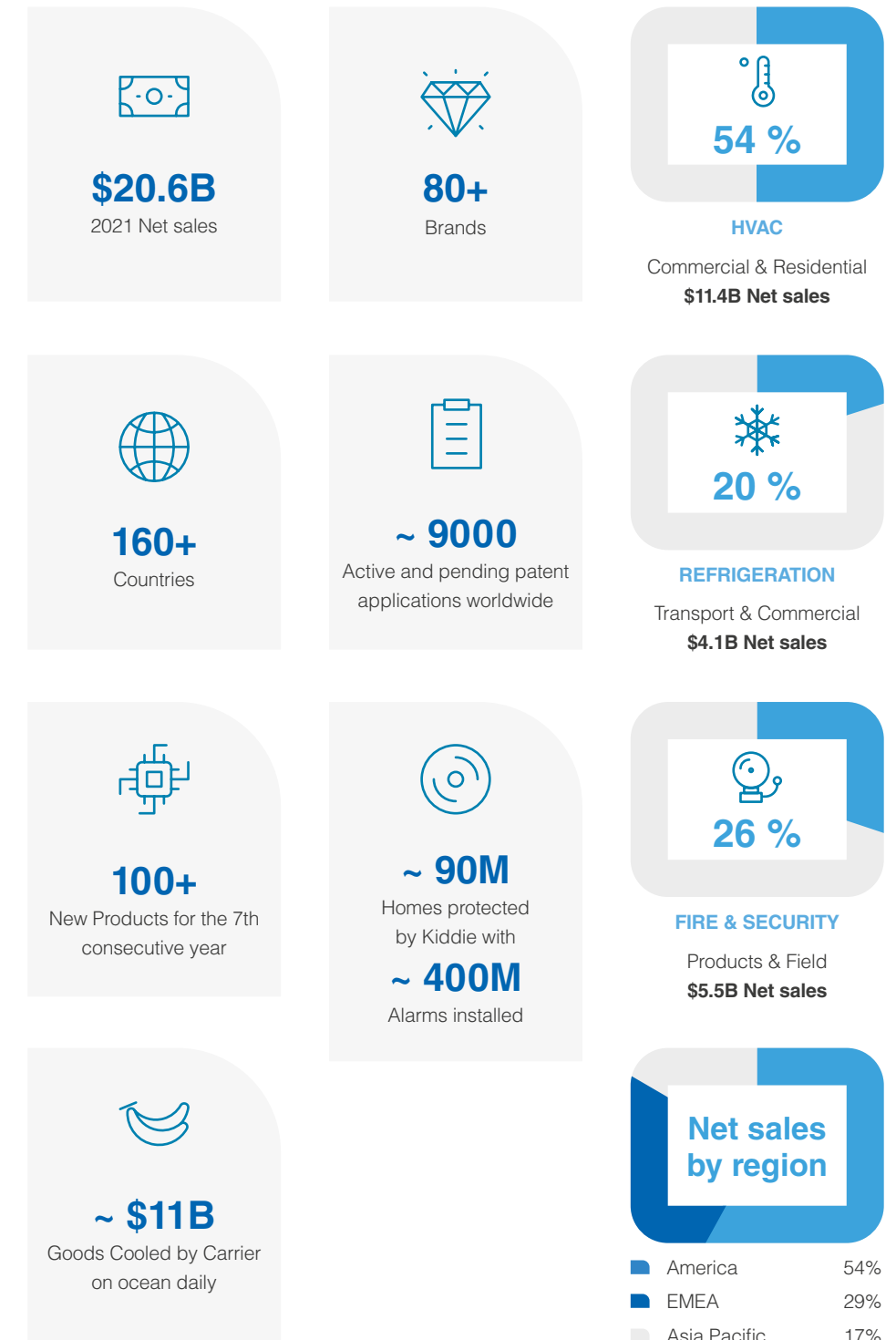
www.lenels2.com

Marioff

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

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.

$20.6B
2021 Net sales

80+
Brands

54 %
HVAC
Commercial & Residential
$11.4B Net sales

160+
Countries

~ 9000
Active and pending patent applications worldwide

20 %
REFRIGERATION
Transport & Commercial
$4.1B Net sales

100+
New Products for the 7th consecutive year

~ 90M
Homes protected by Kiddie with
~ 400M
Alarms installed

26 %
FIRE & SECURITY
Products & Field
$5.5B Net sales

~ $11B
Goods Cooled by Carrier on ocean daily

Net sales by region

America	54%
EMEA	29%
Asia Pacific	17%

* Statistics of the year 2021

ARITECH

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 or follow us on LinkedIn @Aritech

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