



**Integrated security solutions
for distribution centres**

Your inventory security deserves
a return on investment

Security challenges

Internal theft

There are a variety of reasons why warehouse employees may steal from their employer.

Safety

Environment, Health and Safety rules are important, still people sometimes make mistakes and preventive, or corrective actions can be taken based on real life situations.

A large background image of a male worker with a beard, wearing a yellow hard hat and a high-visibility yellow safety vest over a maroon long-sleeved shirt. He is operating a forklift, looking upwards and to the right. He is wearing white work gloves and holding a black walkie-talkie in his right hand. The background shows a warehouse with orange metal shelving units and wooden pallets.

External theft

Warehouses and distribution centres contain merchandise in its original packaging, which is highly desirable to both professional and amateur thieves.

A smaller, circular inset image showing a worker in a warehouse. The worker is wearing a yellow hard hat and a high-visibility vest, and is standing near a forklift. The scene is dimly lit, with some boxes visible in the background.

Violence

Violence in the workplace can seriously impact delivery performance and employee morale.

Internal theft

There are many ways in which warehouse employees can steal. Security managers and supervisors can mitigate the risk by implementing some key security solutions into their daily operations.



How it works

Tecom Challenger is a fully integrated access control and intrusion detection system that links to TruVision® video surveillance via the Tecom C4 Management Software.

This total solution enables smart functionality and interactions. Access levels can be set for managers, supervisors, employees, flex workers and truck drivers. Access corridors are helping to control who has access to which area at a given moment. Identifying who opened a loading dock door, for how long and having the video footage linked to it facilitates analysis and investigation.

The solutions we offer

The combination of access control and video surveillance will play an important part in reducing internal theft. Limiting employees' access only during their scheduled work hours, only to their designated work area and monitoring any deviation, can all help to reduce the threat of internal theft.

Monitoring loading dock doors provides key information on the loading and unloading activities. Employees and contractors being aware of the security measures in place can lead to a culture of compliant behaviour.

Benefits

- **Flexibility**

The flexibility of Aritech's solution fits well in a work environment with changing work schedules and temporary workers

- **Interactions between intrusion detection & access control**

Employees' access rights will cover both intrusion detection and access control, reducing user errors

- **Return on investment**

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

- **Reports**

Information on who requested access to which area can be retrieved from the system and is automatically linked to video footage



External theft

Stolen products in their original packaging are easy to resell, especially small size products with high value. External theft sometimes occurs with the help of insiders, making it easier to execute the theft. Depending on the construction, walls and rooftops of distribution centres can be vulnerable to attacks with battery operated power tools.

Benefits

- **One interface for multiple functionalities**

Intrusion detection, access control and video surveillance combined in one user interface

- **Limited training**

A manager or supervisor only needs to be trained on the Tecom C4 Management Software

- **Multi-site management**

Aritech managing one or multiple sites can be done using the Tecom C4 Management Software solution

- **Verification**

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

- **Return on investment**

Reducing the risk of external theft avoids disruptions and increases the delivery performance

How it works

Tecom C4 Management Software enables the ability to oversee one or multiple sites, with the different security technologies laid out on floor plans with graphical representations. The best suited sensor technology can be selected from an extensive range of outdoor and indoor detection sensors. These will trigger warning signals and the relevant surveillance cameras to appear on the alarm monitor. Video analytics on outdoor thermal cameras can also detect humans in any weather condition and vehicle movement can be registered with ANPR (Automatic Number Plate Recognition) cameras.

The solutions we offer

Early detection means early warning. Detecting someone trying to gain access to the perimeter of a site allows staff or security guards to respond faster to the situation. Integrating intrusion detection with a video surveillance solution enables verification of the event and can help to quickly decide on the appropriate actions.

Safety

In times of heavy workload and when an increased number of temporary workers are helping out, EHS (Environment, Health, Safety) rules are even more important. Capturing evidence of mistakes in the everyday work situation provides the ability to analyse, learn, and take preventive or corrective actions.



How it works

TruVision high resolution 360° cameras are capable of detecting hot spots and have intersection analysis showing the busiest paths of a warehouse. It is possible to pan/tilt/zoom in the recorded footage of a 360-degree camera allowing the ability to look for details when analysing incident details.

TruVision cameras with video analytics enable the ability to define safety zones where no object may obstruct the free movement of people and forklifts.

The solutions we offer

Monitoring that employees and contractors can safely move throughout a distribution centre, whether a wet or slippery floor is properly indicated, and whether obstacles are removed promptly. Recorded footage enables root cause analysis. Incidents waiting to happen can be recognised so that action can be taken immediately, and risks can be avoided in the future.

Benefits

- **Safe, and secure work environment**

Working in a comfortable and safe place is to the benefit of the co-worker, visitors and management

- **Video analytics**

Video surveillance cameras with video analytics serves multiple purposes for safety and security

- **Video verification**

Events detected with video analytics can be filtered in the recording, facilitating analysis and verification

- **Reduced incident rate**

Reducing the number of incidents where people are getting injured increases the overall performance



Violence

Factors that can influence the mood of people and their behaviour are flexible working hours, partial temporary workforce, people from different cultures working together and periods of high demand. Violence in the workplace can seriously impact delivery performance and employee morale.

Benefits

- **Safe, and secure work environment**

Working in a comfortable and safe place is to the benefit of co-worker, visitors and management

- **Video verification**

When conflicting information is received, verifying the events with the available video footage can reveal crucial additional information

How it works

Tecom Challenger access control integrates with our TruVision video surveillance system via the Tecom C4 Management Software. Investigating an incident is facilitated by showing access events together with the matching video recordings. When analysing video footage from one camera, the recordings from other cameras in the area can also be played back in a synchronised manner.

High resolution 360° cameras cover a wide area and are capable of detecting hot spots, have intersection analysis showing the path workers take, and how much time they spend in different areas of the warehouse.

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 endeavor 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.

The solutions we offer

The TruVision video surveillance solution can be deployed cost effectively on the work floor. Providing employees access only during their scheduled work hours, only to their designated work area and linking this to the video surveillance system, allows for the ability to monitor and investigate incidents of violence at the workplace.



Customers need technology solutions that will allow them to capitalise 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. .

For more information visit www.aritech.com.au.

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