

Retail Analytic Solution



Retail stores equipped with CCTV systems are sitting on a gold mine of big data that can be easily tapped by technological tools to help retailers make **optimal management decisions and marketing strategies**. Our retail analytic solution can turn video images captured from CCTV to useful data and help retailers achieve the goal of **increasing revenues and reducing costs**.



**People Counting**  
Delivers data on customer flow, identify peak traffic period by hours of the day, days of the week and time of the year



**Pathmap**  
Identifies the direction customers take after entering a store and the pathways they travel in the store



**Visual Insight (Heat map)**  
Identifies which areas of a store have the most or the least customers in different time periods



**Dwelling / Occupancy Analysis**  
Works out how long customers stay in a particular location, leveraging the people counting feature



**Privacy Protection**  
Able to block out people in visual images to enhance privacy protection for customers



**Multiple Stores Comparison**  
Real-time compares customer traffic and behavior in different stores



**Detailed / Personalized Reports**  
Generates user-friendly charts or data reports and accessible via clouds and mobile devices



**Staff Management**  
Optimizes staff placement by understanding customer trends and enrich customers' experience & increase their loyalty

Call **+66 (0) 2973 6010 (Ext.480)** to enquire details and get your **free consultation**



Guardforce's **COMPREHENSIVE** retail solution  
An effective way to simplify and secure your entire operation



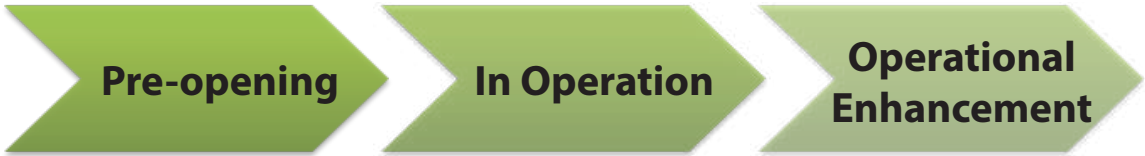
Guardforce's retail solution

Founded in 1977, Guardforce is a security service leader trusted by banks and major retailers in Thailand and Asia for cash management and comprehensive security services.

With our keen understanding of the security needs of different industries, especially retail, we have become a leading security solution provider for retailers. Integrating our cutting-edge and intelligent technological expertise and our diverse security services, we are able to offer retailers a total solution ensuring **assets and people are protected and operations are simplified**.

Comprehensive retail security solution

We leverage our security experience to deliver comprehensive security solution to retailers, from store startup setting to daily operation and operational enhancement, in order to create long-term value for the retailers. This **end-to-end solution** helps you minimize exposure to risks, reduce operational and manpower costs and increase revenues.





# Pre-opening

## Electronic Security

Guardforce offers **standard or tailor-made surveillance solutions** for in-store security setup, based on your budget, physical environment and your company's specific requirements. We will deploy the latest electronic security devices for CCTV, access control, burglar alarm, staff attendance record and more to reduce your exposure to thefts or burglary and help you get ready for opening the shop.



### CCTV

Guardforce provides a full range of Closed-circuit Television System (CCTV) products and equipment that will meet all customers' unique specifications. Our professional consultants and technicians assist customers in **designing, installing and maintaining** optimum solutions for their security needs.

### Burglar Alarm

Guardforce alarm systems provide **early warnings of criminal activities** in your shop. Our state-of-the-art security systems provide extra layers of security for your assets and inventories and let you enjoy peace of mind. Our latest technology **integrating the alarm and CCTV with bookmark features** allows you to instantly access video images via mobile devices.



### Access Control

Applying a wide range of **smart card, biometrics** and computer-controlled technologies, Guardforce provides and installs systems to control access into and out of secure and sensitive areas. Data and reports are available for management monitoring, and such control also can be used for analysis purposes. The system can always be modified and upgraded to meet customers' individual requirements.



### Attendance System

Our unique and **innovative attendance** and **access control system** uses **facial recognition** and **RFID card** to verify staff identity. The system enables online leave application by staff and **online staff attendance monitoring** by employer, providing a system of accurate enrolment and identification that is much more precise and efficient than human-managed system.



### Other Products

Guardforce offers technologically advanced security products as part of our total customized security solutions, complementing our expertly-designed electronic security systems with solid hardware including **physical safes, security vault doors, anti-shoplifting** system, **electronic lock** system, **fire-resistant cabinets, bullet-resistant** and **impact-resistant glass**, and more.



# In Operation

## Cash Management Solution

Guardforce can offer end-to-end solution to secure your cash and high-value inventories using our Cash-in-transit, note and coin processing, Guardforce cash deposit machine and security guarding service. Our secure and reliable services benefit clients by **improving staff efficiency, reducing risks** and **lowering insurance fees** on your daily shop operations. **From cash in** from your shop to **cash out** to your designated bank account, the whole process can be **completed within 24 hours**.

### Cash-in-Transit

With a fleet of more than 150 specialized armoured vehicles operated by highly qualified security collection and delivery teams, we offer the expertise and personnel to manage and **transport cash safely** and reliably, and eliminate the risks of cash handling by your staff.



### Notes and Coins Processing

Guardforce delivers fully outsourced cash processing solutions that can help your shop **eliminate bank fees** and **reduce operational risks**. Cash collected from customers' retail outlets is sorted, verified and promptly deposited into your specified account. Our coin supply and processing services **supply retail outlets with coins** to meet daily operational needs, and process received coins for re-distribution or deposit.



### Guardforce Cash Machine

Our fully-automated cash deposit machine provides end-to-end solution for retailers, alleviates staff workload and minimizes their exposure and risks, so there will be no more manual counting and verifying. It can **count 600 notes in a minute** and recognize multiple currencies with **intuitive counterfeit note detection**. It **eliminates manual counting discrepancies** and **provides real-time management** and monitoring via PCs or smart devices. Its built-in safe function helps prevent theft, ensuring save overnight storage if needed. The cash deposit machines are available for rental to be used in individual stores or shopping malls.



### Security Personnel

Deploy our professionally trained guards to better protect retail stores and personnel. Our security guards have undergone stringent background checks and **meticulous vetting procedures** prior to employment and have undertaken intensive training that gear them up for specific security tasks and projects to ensure they meet customers' defined needs.

