

Access Control Solution of Yuson Tower in Viet Nam

Industry

Real estate

Location

Viet Nam

Solution

Access Control

About Client

Yuson Tower is a modern office building integrated with a logistics center, strategically located near the port and the city center. This 9-story building offers standard office services and dedicated workspaces tailored specifically for the logistics industry. It serves as the headquarters of Times Cargo Logistic (TCL), providing essential services such as customs declaration, warehousing, and international logistics to support businesses operating in the import-export sector.

Requirement

To enhance management efficiency and ensure high-level security, ZKTeco implemented an integrated system encompassing time attendance, access control, elevator management, and vehicle entry/exit control—all centralized on the "All-in-One" ZKBio CVSecurity platform.

Convenient and Modern Time Attendance and Access Control

Yuson Tower management required an advanced facial recognition-based time attendance and access control system. The solution needed to deliver high performance, durability, and ease of operation for effective personnel management.

Solution

SpeedFace-V3L Device: Deployed at entry and exit points, this device enables authentication via facial recognition or fingerprint scanning.

Access Control: Authorized individuals can access specific areas during designated time frames after successful biometric verification.

Drop Latch Mechanism: After authentication, the SpeedFace-V3L activates the drop latch to open the door. Employees can exit by pressing the exit button installed inside, while an integrated emergency button ensures quick escape in emergencies, such as fire.

Solution

Elevator Stratification Control with Safety & Privacy Protection

The building management sought a smart elevator control solution that enables automatic card recognition while integrating centralized management software. This solution ensures security and safeguards against potential asset loss.

EC10 Elevator Controller: This device, combined with the ProRF proximity card reader, allows cardholders to access the elevator with pre-registered access cards.

Controlled Access to Floors: The system ensures users only travel to authorized floors, enhancing safety and providing a seamless experience for both employees and visitors.

Smart and Effective Parking Management

To optimize the flow of people and vehicles while ensuring maximum security, ZKTeco implemented a vehicle access management solution at Yuson Tower.

Intelligent Vehicle Access Control: A combination of the BG1000 automatic barrier, C3-200 controller, and ProID20BM card reader was deployed at the parking area.

Efficient Vehicle Flow Management: Users tap their authorized card on the reader to enter or exit. If the data matches, the controller signals the barrier to raise, allowing smooth vehicle transit.

Safety Features: The VR10 Pro radar sensor is mounted on the barrier post, enhancing device safety and extending its lifespan by preventing unauthorized or forced access attempts.

ZKBio CVSecurity All-in-One Overall Management Software

The entire access control system is integrated with the centralized management software, ZKBio CVSecurity. This software provides a comprehensive solution for monitoring and managing security.

Key Features

Centralized Data Monitoring: Easily track attendance, access logs, and vehicle movements.

Time-Based Access Permissions: Assign and manage access rights based on specific time slots for different users.

Detailed Reporting: Generate transparent access reports by area and user, enhancing accountability and management oversight.



Configuration

System	Type	Model
Access Control	Access control time attendance device	SpeedFace-V3L
	Exit Button	EX-801B
	Emergency button	ZKABK900A-G
	Drop latch lock	LB35
	Elevator control panel	EC10
	Proximity card reader	ProRF
	Parking Barrier	BG1000
	Radar sensor	VR10 Pro
	Card reader	ProID20BM
	Controller	C3-200
	Software	ZKBio CVSecurity

