ScanViS™

Touchless access control solution for construction sites in South Korea With real-time time and attendance management, and temperature screening functions by GateGuard TH+

Project background

One of the largest construction firms in South Korea needed to speed up workers' entry process and automate attendance management by integrating the current access control system with computer vision technology.

The construction firm looked for an all-in-one access control solution to manage the people flow of more than 1,000 contractors, suppliers, and staff.

Project requirements:
• Fast and seamless process for workers entering the sites
• Reliable authentication method to prevent unauthorized access
• Efficient temperature screening to ensure workplace safety
• Cost-effective time and attendance management
• Easy capturing access data and metrics to facilitate project management
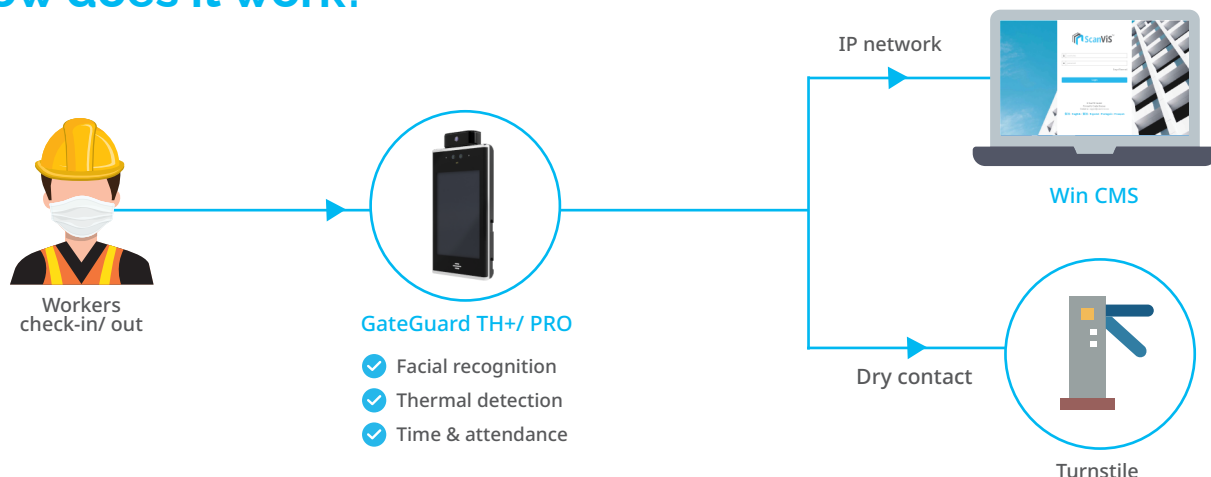
How did GateGuard TH+ help?

ScanViS was tasked with providing a scalable and cost-effective security solution for multiple construction sites.

ScanViS GateGuard TH+, an all-in-one computer vision device that performs different functions, including access control, time and attendance management, and temperature detection simultaneously.

The entrance turnstiles integrated with GateGuard TH+ were adopted in this project to manage the effective flow of contractors, suppliers, and workers.

How does it work?

Workers check-in/ out

GateGuard TH+/ PRO
✓ Facial recognition
✓ Thermal detection
✓ Time & attendance

IP network

Win CMS

Dry contact

Turnstile

Project deployment

Results and Benefits

Vastly improved workers' process and speed entering the sites

ScanViS's fast and touchless access control solution puts an end to queues at the entrance. Compared with using cards or fingerprints as an authentication method, facial feature points detection is more secure and convenient.

ScanViS GateGuard TH+ detects faces within 0.3 seconds, enabling workers to smoothly enter the construction sites, while the security personnel can better manage site access with an accurate count of people on site.

Keep up with new safety and hygiene standards

Body temperature is taken at the moment workers enter the sites, safeguarding health and safety in the workplace. GateGuard TH+ identifies workers with fever and the site managers can take precautionary measures against health threats.

Automated time and attendance management

The intelligent OS platform immensely improved the firm's operations management with auto-generated attendance and working hours reports. Records are automatically stored in the database for future overtime claims upon construction completion.

Expandable and cost-effective access control management

GateGuard TH+ helps reduce operational costs as the all-in-one device is equipped with both automated attendance and thermal detection functions. Operation staff has access to the real-time data in our easy-to-use Central Management System (CMS).

Reaping the benefits from ScanViS access control solution, which enhances user experience, improves operational efficiency, and strengthens security, the construction firm has a plan in place to scale up the project.

Contact us for demo

Contact our representatives at sales@scanvis-ai.com for more information.