

Qualcomm



AI Enabled Security



VinAI, a global leader in AI research, specializes in computer-vision based AI systems. Their AI security and surveillance solution, GuardPro, turns ordinary cameras into a complete system offering constant, real-time monitoring and alerting for any activity or object in any place on any property.

Powered by Qualcomm® Cloud AI 100, GuardPro is capable of processing 150 camera streams per card.

Business Challenge

As a real-estate manager, Vinhomes operates over 48 urban parks complete with resident, social, retail, and recreational spaces. Ensuring safety, wellness, and operational compliance across these large-scale campuses is a tall and expensive task. Exploring technology-based solutions to aid the management of these urban complexes could unlock new services for residents and increase the business' top-line, all while reducing operational costs.

Transformation

With a residential complex equipped with more than 9,000 cameras, Vinhomes implemented the GuardPro solution to transform these cameras into an AI real-time system accommodating residents well-being and convenience through detection scenarios from objects left behind in elevators, parking violations, and foreign objects in hallways.

GuardPro also detects individuals falling from a medical condition and unwanted visitors entering the estate contributing to a better quality of life and safety for residents.

Impact



*Infrastructure Investment over competitor



Large scale deployment

*whilst reducing electricity and operational capacity

"It [GuardPro] has brought practical benefits to Vinhomes Smart City such as contributing to the establishment of safety and ensures compliance with general regulations for its residents and improving their quality of life."

Mr. Nguyen Dang Trung
Director of Product Development Institute, C08.1
Vinhomes



Vinhomes is the largest commercial real-estate developer and management company in Vietnam. With a mission to create ideal urban living experiences, they are pioneering green, modern, and luxurious residential complexes across Ho Chi Minh City, Hanoi and all of Vietnam.