

SOUTHEAST ASIA

Facial recognition access control in Top Glove factories

Needs & challenges

Top Glove Corporation Bhd was established in 1991 in Malaysia. It has since grown from a single factory with one glove production line into the **world's largest manufacturer of gloves** for multiple use cases (medical/surgical, food and services, cleanrooms, safety and industrial).

Today, Top Glove employs 22,000 people and has an annual production capacity of 100 billion gloves, out of 812 production lines in 50 factories across multiple countries ! This enables Top Glove to hold 26% of the world market share for rubber gloves, serving over 2,000 customers in 195 different countries.

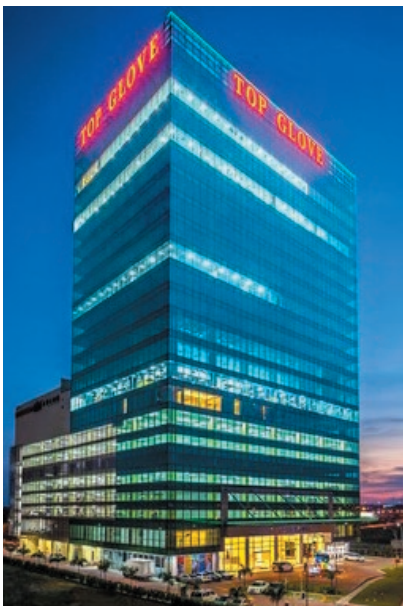
For more efficient time clocking of its employees in their Southeast Asia plants (Malaysia, Thailand, Vietnam), Top Glove needed to deploy biometric terminals. However, with the arrival of the Covid-19 pandemic and with an evident need for a hygienic solution due to the nature of their activity, the company began considering deploying contactless biometric terminals with a focus on facial recognition.

Top Glove began evaluating several facial recognition terminals with several key criteria in mind including biometric accuracy, speed, and full efficiency with face masks.

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Solution & results

After a thorough evaluation of various terminals, Top Glove, advised by GD Innovations (IDEMIA's partner in the region), selected **VisionPass** for its perfect combination of performance and user experience.

For speed and ease of use by all employees, the terminal provides a near-motion 1-second verification with multiple face angles and light conditions, and is resistant to all

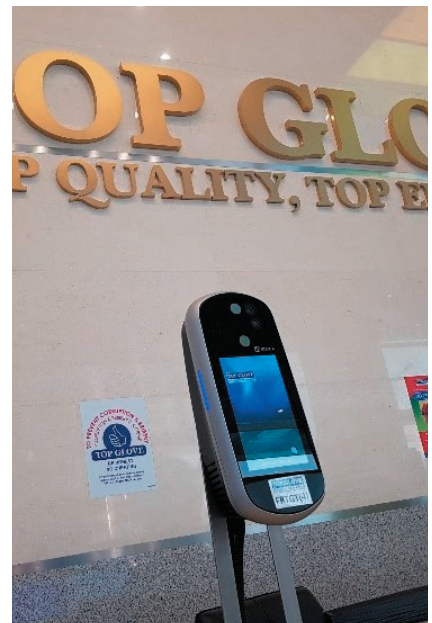
kinds of spoofing attempts — essential for a security device.

In the context of the Covid-19 pandemic and health regulations in place, VisionPass is also **fully efficient with face masks and with employees wearing hard hats or other head coverings.**

VisionPass is not only fully efficient with employees wearing a face mask, it also features a mask detection

mechanism. Both of these features enabled Top Glove to enforce their health and safety policies in the context of Covid-19.

The installation is highly acclaimed by employees who appreciate the frictionless biometric use of VisionPass. This unique user experience greatly helped the acceptance of this new device and project deployment by employees.



Learn more



GD Innovations is a System Integration company established in Kuala Lumpur, Malaysia, and IDEMIA's partner for biometric access control project in this part of the world.

gd-innovations.com

VisionPass is the most powerful facial recognition device on the market. Developed in collaboration with partners and end-users, this robust and reliable device provides near-motion 1-second verification with different user heights (120-200cm), multiple face angles and in all light conditions (from total obscurity to bright sunlight). VisionPass is also resistant to all kinds of spoofing attempts by presentation of a photo on paper or smartphone screen and even 3D-molded masks : it's the only terminal on the

market to have obtained a 100% success at the very stringent Presentation Attack Detection (PAD) level 1 and level 2 evaluation by reputed US laboratory iBeta.

To obtain this unique performance level, IDEMIA associated its latest advances in Artificial Intelligence and facial recognition algorithms with a state-of-the-art optical set combining 2D, 3D, and infrared cameras to meet the expectations of the most demanding clients.

idemia.com/visionpass



Access control & time attendance

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