



BOSCH

Invented for life

Integrated biometric access control solution

Seamless entry

Bosch Security and Safety Systems and IDEMIA



- ▶ Integration of IDEMIA biometric devices with Bosch Building Integration System
- ▶ Fully contactless biometric verification: fast and hygienic
- ▶ Facial recognition or fingerprints
- ▶ Field-proven accuracy and reliability



For some companies, corporate access cards may not be enough to protect their premises efficiently from intrusions, which can have severe consequences. Indeed, such cards can be cloned if based on old technologies, but even the most recent ones can simply be stolen or borrowed. The only option to guarantee who is entering a building (a genuine employee, not an intruder) is to use biometrics, that uses unique human physiological, unforgeable characteristics. To reach this objective, Bosch has integrated IDEMIA's range of field-proven biometric devices to its Building Integration System (BIS). IDEMIA is an industry leader of biometrics for access control, with renowned performances, quality and reliability.

The range comprises :

- ▶ MorphoWave: the only terminal on the market able to scan not only 1 but 4 fingerprints in a fully touchless way through a quick and easy hand movement in the device
- ▶ VisionPass: the most accurate and efficient facial recognition terminal that combines a high-end optical set featuring 2D+3D+infrared cameras with the most advanced facial algorithms
- ▶ Sigma Lite series: a range of entry-level, touchless fingerprint terminals

MorphoWave and VisionPass are particularly well-suited for high-traffic locations as the speed of their biometric verifications enable high throughputs (40 to 50 people per minute).

Being fully contactless, they are 100% hygienic. VisionPass is also efficient with users wearing sanitary masks, and provides a mask detection mechanism to help enforce health policies.

The integration of these terminals with BIS allows for convenient and fast enrollment and management of biometric credentials, in full respect of data privacy regulations.

IDEMIA terminals are also already integrated with gates and turnstile models from major vendors, meaning a simpler deployment on existing or new infrastructures.

Compatibility

IDEMIA	Bosch
MorphoWave: contactless 4-fingerprints	Building Integration System 4.8 and above
VisionPass facial recognition	
Sigma Lite/Lite+ touch fingerprint	

Applications / Industries



Commercial



Industrial manufacturing



Governmental & Public



Transportation & logistics

Key features

Accurate

IDEMIA's biometric algorithms constantly top the Face Recognition Vendor Tests (FRVT) from the National Institute of Standards and Technology (NIST) and therefore offer the best accuracy for access control.

Convenient

IDEMIA's biometric terminals auto-adjust to users and are therefore easy to use, which also simplifies employee acceptance and adoption.

Quick

Biometric verification happens in less than a second and therefore enables high throughput, leading to high user satisfaction.

Hygienic

Users do not have to touch any part of MophoWave and VisionPass devices operating with 100% touchless biometric verifications.

Efficient

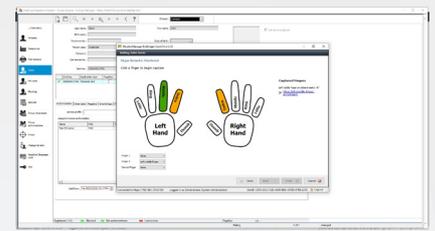
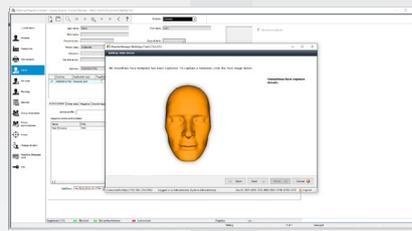
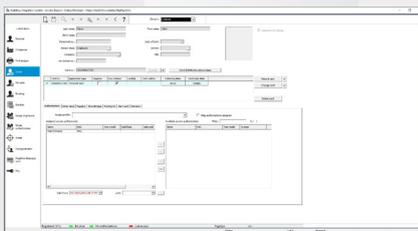
With all types of users (skin color, height, face changes), in all light conditions indoor or outdoor (sunlight or total obscurity), with face masks or without.

Turn-key

Fully integrated with BIS as well as most turnstiles or gate models from major vendors.

Easy installation for smooth deployments.

Credential Enrollment into Bosch access software



Bosch Security and Safety Systems is a leading global supplier of security, safety, and communications products, solutions and services. Protecting lives, buildings and assets is our aim. The product portfolio includes video surveillance, intrusion detection, fire detection and voice evacuation systems as well as access control and management systems. Professional audio and conference systems for communication of voice, sound and music complete the range. Bosch Security and Safety Systems develops and manufactures in its own plants across the world. Additional information can be accessed at www.boschsecurity.com

IDEMIA is a pioneer of biometrics with 40-years experience since the first fingerprint sensor was developed for the FBI. It is also an industry leader of biometrics for access control with a field-proven range of fingerprint and facial recognition devices, deployed throughout the world, for a variety of industries. IDEMIA designs, engineers and assembles its terminals in its own R&D centers and factory in France, which enables a unique quality and reliability.

Those terminals offer the best combination between accuracy, user convenience and hygiene. More information can be found at: www.idemia.com