IDEMIA MorphoWave

Sales Assist

The following information can be used when delivering the IDEMIA MorphoWave as part of our access control solution to market. It has been designed to showcase possible applications, highlight the business value, and provide product knowledge.

The Gallagher IDEMIA integration

The integration between Gallagher and IDEMIA delivers a fully integrated biometric access control solution without requiring external plugin synchronization or enrolment utilities. The readers (including the new contactless MorphoWave Compact™) offer seamless contactless biometric enrolment with template management performed within Gallagher Command Centre. Command Centre can be used to update a user's biometric credentials, schedule, and access. Only the relevant biometric templates are sent to each reader, saving database space and cost.

Advanced encryption functionality includes multi-factor authentication, template privacy management, anti-passback, duress biometrics, dual authorization, zone counting, interlocking doors and controlled challenge is also supported.

What is MorphoWave?

IDEMIA's MorphoWave™ contactless fingerprint solution scans and verifies 4 fingerprints in less than 1 second, through a fully touchless hand wave gesture.

Two versions of the MorphoWave™ contactless fingerprint scanner are available:

MorphoWave™ XP: an eXtended Performance biometric reader for the most demanding projects; up to 100K user records in 1:n mode, up to 60 people per minute, with a large color tactile screen for user interaction, and time and attendances use cases

MorphoWave™ SP: all of the essentials of MorphoWave technology with a Simplified Profile up to 10K user records, and a simplified user interface via multicolor LED indicators

Embedded with IDEMIA's latest advances in the use of Artificial Intelligence, these two ergonomic biometric readers work efficiently with wet, dry, dirty hands or even damaged fingerprints. In addition, the card reader of MorphoWave™ natively supports MIFFARE Classic, DESFire EV1, EV2, and EV3.

Business problems solved

- Traditional touch readers do not provide the level of hygiene required by the site.
- Lost, stolen, or forgotten access credentials cause significant issues to site access and personnel flow on site.
- Carrying a physical credential is not ideal or does not fit well with business processes for a site
- Running disparate systems for different access control readers costs the site time and money.

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Business value

- Provides a contactless assess control alternative traditional readers that improves site hygiene and health and safety.
- MorphoWave SD - provides the key benefits of the MorphoWave XP (MD) at half the price, making it more affordable for sites to consider the use of biometric access control.
- Removes the need for staff to remember a physical card.
- Removes the need to replace lost or stolen cards.
- Improves security as removes lost or stolen cards as a risk factor to entry.
- The Gallagher IDEMIA integration saves time and money as only one access control system is required.

Compelling events

- Unauthorized personnel have accessed the site using lost or stolen physical credentials.
- A pandemic, epidemic, or local outbreak mean that hygiene on site needs to be improved.
- Lost, stolen, or forgotten access credentials cause significant issues to site access and personnel flow on site, costing the company time and money.

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