IDEMIA

Six reasons to embed biometric security into your OEM device

Why incorporating biometric capabilities in your device is game changing

 #   ACCESS CONTROL

POSTED ON 09.20.24

For OEMs integrating access control devices, embedding biometric technology is not merely a feature—it's a strategic advantage. Here's why incorporating biometric capabilities into your devices is a game-changer:

1. Leverage expertise without the overhead

Mastering biometric technology can be daunting, but you don't need to become an expert to benefit from it. Our solutions allow you to integrate advanced biometric security seamlessly, without diving into the complexities of the technology. We handle the intricate details, so you can focus on what you do best—delivering innovative, reliable products.

2. Enhanced performance and robust security

Our biometric systems come equipped with embedded processors that elevate performance and security to new heights. These processors enhance the speed and accuracy of biometric verification, ensuring that your access control devices operate with unparalleled robustness. Whether for banking, healthcare, or enterprise applications, security features such as encrypted templates, fake finger detection and secure communication guarantee compliance with stringent national and international regulations like GDPR. It also ensures your systems perform at their best under demanding conditions.

3. Biometric data security interest

When it comes to managing biometric data, the stakes are high. Our solutions help you to comply with data security regulations. With privacy by default built into every device, sensitive biometric information is securely handled within the device itself. This approach not only simplifies compliance with stringent regulations but also reduces your operational burden.

4. Streamlined integration with comprehensive support

Integrating new technology should enhance your product, not complicate it. We provide a complete support structure for smooth integration, including sample code and technical assistance. Our solutions are designed to fit effortlessly into

your devices, enabling a quick and trouble-free implementation that keeps your projects on track.

5. Unmatched accuracy and industry leadership

Accuracy in biometric verification is crucial, particularly in high-volume scenarios. Our technology consistently achieves top rankings in independent tests by the National Institute of Standards and Technology (NIST). This ensures that your devices can handle extensive biometric data with exceptional precision, making them ideal for high-demand applications.

6. Excellence in critical applications

Biometric security often plays a pivotal role in high-stakes environments. Our solutions excel in scenarios where accuracy and quality are non-negotiable—whether securing ATM transactions, verifying identities at borders, or protecting sensitive medical records. With our technology, you can be confident that your access control systems meet the highest standards of security and performance.

Elevate your solutions today

Incorporating biometric security into your OEM devices is more than just an upgrade; it's a strategic enhancement that can set your products apart in a competitive market.

IDEMIA Public Security's solutions incorporate advanced optical technology to deliver robust performance, with images certified by the FBI's Image Quality Specifications in the United States and Standardisation Testing and Quality Certification in India. All processing and matching are conducted within the product; the encrypted templates never leave the device. This commitment to security and privacy is crucial for maintaining regulatory compliance and protecting personal data.

When the stakes are high, IDEMIA Public Security's top-tier, easy-to-integrate OEMs stand out as the preferred choice for industries looking to enhance security and operational efficiency. And many of the world's top manufacturers are already benefitting from the strategic advantage of incorporating IDEMIA Smart Biometrics inside their products.