BIOMETRICS BY GRADIANT

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GRADIANT's Biometrics Team holds over ten years of experience in biometric research, having successfully transferred our technologies to sectors like Banking, Health and Access Control.

We strongly believe the key for the success of a biometric system is linked to three concepts: security, convenience and availability. We do integrate all these principles in the core of our development.

Following this philosophy, GRADIANT offers biometrics in mobile devices featuring three complementary modalities: face, voice and signature recognition, so you can use them separately or combined.

GRADIANT FACE integrates latest GRADIANT's proprietary face recognition technology, especially designed for access control in mobility scenarios. GRADIANT FACE comprises a set of libraries ready for integration in mobile and server platforms, enabling fully automatic face recognition with just a look into the camera of your smartphone.

· Proprietary face recognition technology with outstanding results in international contests.
· References in corporate access control, banking and health sectors.
· Designed and created for mobile scenarios.
· Mobile device embedded real-time processing. Fast template extraction from video sequences.
· Multiplatform: iOS, Android, Windows, Linux, OSX.
· Fully compatible biometric templates between computer and mobile platforms, allowing for different system architectures (mobile embedded, client (mobile)-server, client (PC)-server).
· Built-in anti-spoofing mechanisms.
· Biometric template protection: enhanced security and privacy protection in mobility scenarios by means of advanced cryptosystem technology.

GRADIANT SIGNATURE integrates latest GRADIANT's dynamic handwritten signature recognition technology. GRADIANT SIGNATURE comprises a set of libraries ready for integration in mobile and server platforms, enabling signature verification in smartphones and tablets.

· Dynamic signature recognition: excellent verification rates.
· Configurable enrollment and security levels.
· Detection of easy-to-forge signatures and template coherence.
· Ideal for documental security and transactions, including financial services, insurance or healthcare.
· Compatible among smartphones, tablets and signature pads.
· SDK available for easy and flexible integration in custom applications.
· Multiplatform: Windows, Linux and Android, and for client/server architectures.

GRADIANT VOICE integrates latest GRADIANT's speaker recognition technology, especially designed for access control in mobility scenarios. GRADIANT VOICE comprises a set of libraries ready for integration in mobile and server platforms, enabling speaker verification with just a few seconds of speech.

· Designed and created for mobile scenarios.
· Mobile device embedded real-time processing. Fast template extraction from audio sequences.
· Multiplatform: Android, Linux.
· Fully compatible biometric templates between computer and mobile platforms, allowing for different system architectures (mobile embedded, client (mobile)-server, client (PC)-server).
· Anti-spoofing mechanisms.