BIOMETRICS 101

What Is Biometrics?
Biometrics is the science and supporting technology of measuring and analyzing biological data. In information technology, biometrics refers to technologies that measure and analyze human body characteristics (such as DNA, fingerprints, eye retinas and irises, voice patterns, facial patterns and hand measurements), primarily for authentication purposes.

What Are Some Of The Benefits Of Biometrics In General?
Security and convenience. Authentication by biometrics is becoming increasingly common in corporate and public security systems, consumer electronics and point of sale (POS) applications. In addition to security, the driving force behind biometric verification is convenience. Biometrics is most commonly used as a form of identity access management and access control (both physical and logical access).

The overall proposition for the adaption of biometrics in humans' lives is very compelling as the technology allows for a far greater level of convenience and security in most places where it can be applied. Allowing that implementation of this technology can begin to remove the need for carrying 3rd party identification documents (passports, driver licenses, credit/debit cards, etc.), currency and keys, the notion that we can live more comfortably and more safely, is real.

A Full Range Of Biometrics Solutions For Various Industries
As Hanscan's products are developed as complete systems, they serve as complete solutions, primarily for the following general applications:

- Logical Access systems
  - Network access and security
  - Web access
  - Secure file transfer
  - Sophisticated and highly secure portable storage device (biometric flash drive)

- Physical Access systems
  - Access control systems for securing and controlling ingress/egress points in any environment; office buildings, warehouses, industrial, parking facilities, residential, etc.

- Time & Attendance systems
  - Hanscan offers both fixed and mobile/portable (wireless) solutions

As a developer of complete systems, Hanscan's products are stable and designed for performance robustness. The company's differentiating value is its Biocryptology technology, that allows that biometric data can be managed safely and thus makes its systems highly secure. This means that Hanscan is able to capably address the massive problems associated with virtually every form of cybercrime; identity theft, data protection, privacy breach, etc. This proprietary advantage, coupled with very high quality system components, price competitiveness and a service-first philosophy, make Hanscan a valuable partner to quality VAR's.

Solving Customer Problems

Anywhere security and privacy/data protection concerns are important and related to access controls management and time and attendance needs. Hanscan's products and underlying technology provide solutions to a wide variety of applications in many different industries.

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About Hanscan

Hanscan is a Dutch engineering firm that designs, develops and manufactures authentication management technologies that it deploys through complete biometric-based systems. Hanscan's R & D facility is located in Madrid Spain. Hanscan is one of only a few developers in the world (maybe exclusively) that produce every component of its systems; hardware, firmware and software.