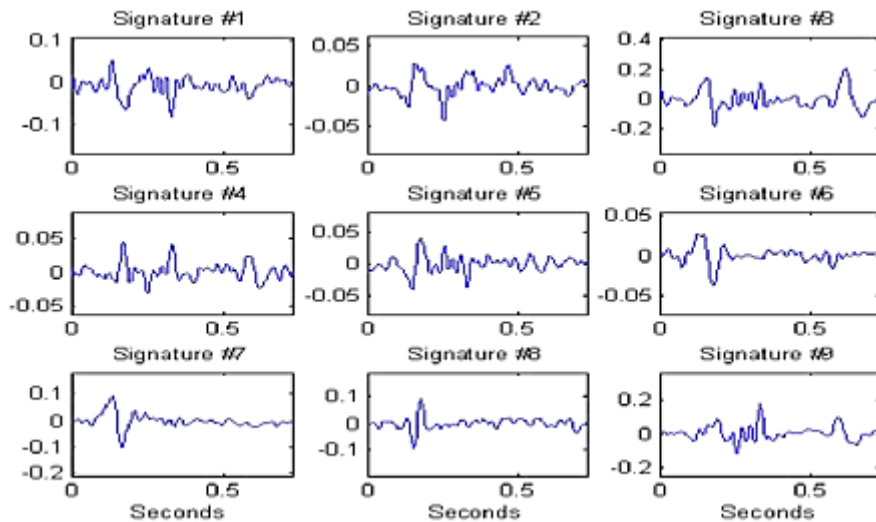


Biometric identification and authentication is a stable field of science, dealing with the determination or verification of individual identity using physiological characteristics. Biometric authentication characteristics, unlike identification codes or passwords, cannot be lost, forgotten or transferred and are always in possession of the individual.

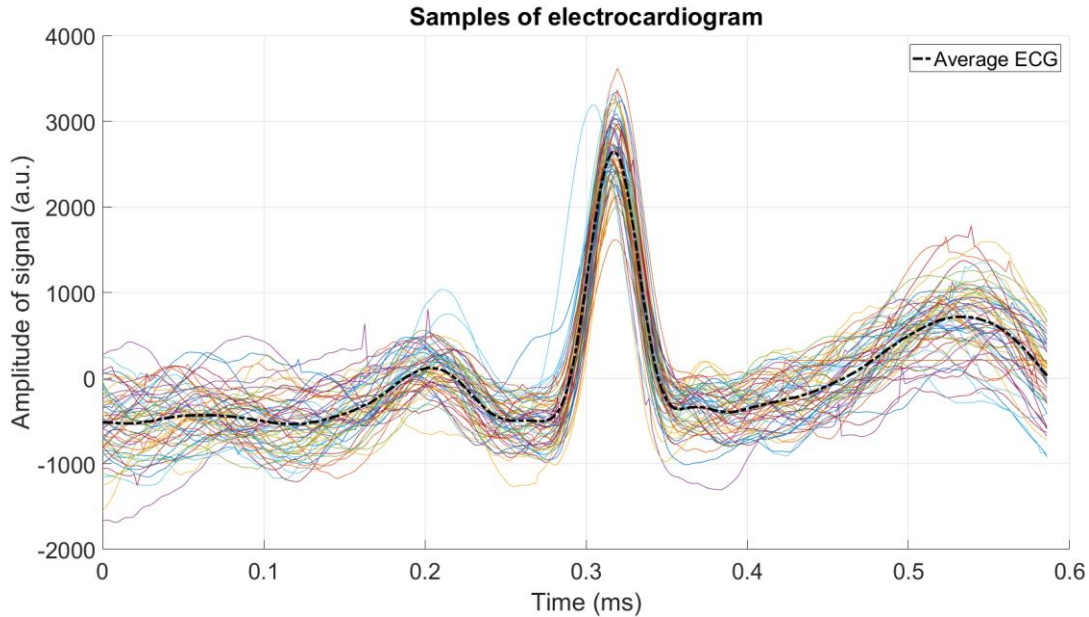
The ideal biometric identification technology should be highly accurate, non-invasive, simple to implement, and resistant to spoofing. Identita has developed its revolutionary IDTouch™ technology to answer the need for a cost-effective, user-friendly biometrics system that provides maximum reliability and confidence.

Identita’s IDTOUCH™ technology is based on dynamic electro physiological characteristics of the living body. These signals are naturally emitted by different systems of the human body (such as the heart and the nervous system) and share numerous common characteristic features.



ECG signatures of 9 different subjects

However, Identita’s scientists determined that these gross common features obscure minute individual differences. Genetic and environmental influences in early life interact to shape fine details of the bio-electric signals, which are unique and consistent to every individual. While academic literature already points to the potential of using human electro physiological signals, such as electrocardiogram (ECG) signals, as a method for personal identification, Identita has developed and patented a ground-breaking technology with which to commercialize this leap forward in biometrics.



ECG signatures of same subject at different times

Identita’s breakthrough method, tested on numerous subjects, has been statistically proven to show superior results over existing biometrics technologies and products. Based on these results, Identita is developing several cost-effective biometrics authentication products for mass market consumer applications and homeland security uses.

Identita’s IDTOUCH™ sensors have a small footprint – they are comprised of two-dimensional conductive contacts, smaller by far than competing biometrics sensors. Simple metal conductive contact surfaces, or even conductive ink, may be used. The contacts lend themselves to an easy and aesthetic integration into the ergonomic design of any device. The contacts are highly durable, with a maintenance-free long life.

The user experience is quite simple: biometric information is collected by touching the two contact surfaces for a few seconds, with fingers from both hands. There is no need to repeat the process to achieve identification and authentication. IDTOUCH™ technology provides the perfect solution for frequently-used personal devices with computing and/or communication capabilities.

The competitive advantages of Identita's IDTOUCH™ technology make it the ideal platform for implementation in portable electronic consumer devices:

1. High accuracy – superior to existing alternatives
2. User-friendly operation –
 - touch sensors with any two fingers
 - not dependent on exact finger placement or swiping
 - not dependent on use of same fingers in enrollment and verification
3. Impossible to spoof
4. Minimally intrusive
5. Extremely cost effective to implement
6. Easy to integrate in electronics devices
7. Small in size, adding no extra bulk to the product
8. Durable sensor - no maintenance or replacement costs
9. Efficient and fast database search
10. Low power consumption