

SmartMetric's Biometric Activated Credit and Debit Cards for Added Security



2020-05-10

SmartMetric announced that the nanotechnology it has developed inside the credit card for fingerprint biometric card activation has turned the credit card into an advanced intelligent device beyond the simple credit card.

[SmartMetric, Inc.](#) has spent more than a decade of research and development in creating a biometric fingerprint activated credit card. In order to have a biometric card that scans and authorizes the user's fingerprint, matches the user's fingerprint with their restored fingerprint and then following the biometric match turns the card on all in less than a quarter of a second, required SmartMetric to create a super-thin electronics motherboard with extremely thin components that fit inside the credit card.

Creating the motherboard with specially engineered components such as the ARM processor used to process the user's fingerprint has taken many years of R&D. Inside the SmartMetric biometric credit card is not only a powerful processor but an advanced power management system that allows the card's internal battery to be recharged every time the card is inserted inside a card reader or ATM.

The SmartMetric biometric credit card as of today stands as the most advanced biometric credit card of its kind in the World. From its standalone fingerprint scanning prior to being inserted into a card reader to its long-life rechargeable battery, to the card's split-second fingerprint scan, match, and card activation each time the user goes to use the card.

“In creating a biometric fingerprint activated credit/debit card, SmartMetric has in effect turned the ubiquitous credit card into an intelligent miniature computing device that is now able to do far more than a simple credit card transaction,” said today SmartMetric's President & CEO, Chaya Hendrick.

The SmartMetric biometric credit card with its powerful internal computer processing has now opened up a whole new world of advanced applications beyond the card payments transaction, allowing the card to become a multifunctional device inside a person's wallet.

SmartMetric is a [USA](#)-based company with sales and marketing partnerships in Latin America, Europe, and the [United States](#). Engineering of the biometric card electronics is done in-house and is the owned intellectual property of the company.

Read the [original article](#) on Business Wire.