



# TACTILIS

*the power of touch*

Tactilis' product is a mini-computer housed in a card format that can **only** be activated using the card owner's fingerprints. It looks like any other card you may carry in your wallet, but with two exceptions:

1. It has a live fingerprint scanner embedded on the surface of the card.
2. There is a miniature computer motherboard inside the card.

To achieve this, Tactilis has overcome the many technical manufacturing challenges and has successfully built a powerful biometric System-on-Card solution.



## BACKGROUND

We live in an ID-centric world – the number of interactions and transactions that require proof of identity each and every day is increasing exponentially – physical locations access, computer log-ons, access and authorization to sensitive information, internet and retail purchases, banking and government services, loyalty clubs and travel all require verified proof of identity.

We believe each individual should be in control of their own personal identity and private information. Our highly functional computer card offers this in a convenient and easy to use product:

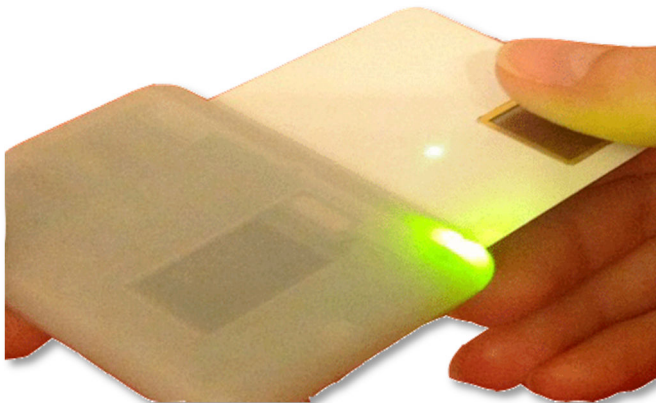
- Card is only activated with the rightful owners fingerprint
- Information only leaves the card after biometric verification, and
- Data on the card is stored in secure memory

## FEATURES

- Biometric verification required to activate applications
- Can be used in any existing smart card environment allowing rapid & easy deployment
- Upgradeable Intelligent Card
- Unlimited Usages — Any applications that require authorization & authentication
- Consistent & Accurate — less than 1 second biometric verification time
- Highly Durable & Secure

## SPECIFICATION

- Powerful Cortex-M4 microprocessor
- Large Memory Capacity (1GB+)
- Universal ISO 7810 ID1 Form Factor
- 3.3V – 5V (50mA) smart card reader specification
- Dimensions ISO 7810 – ID1  
85.60mm (Width)  
53.98mm (Height)  
00.76mm (Thickness)



Market Segment	Example Application
Secure Access	Physical & Logical Access Time & Attendance Tracking & Traceability
Identity Verification	Driver's Licence National ID & Passport
Health Care & Insurance	Health Records, Personal Privacy Protection
Online Transactions	Online Retail, Online Gaming Age & Location Verification Who Sends & Who Receives
Financial Card	Debit, Credit, Electronic Cash Stock Trading, Internet Payment

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