

# Re: Fingerprint as cryptokey

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*Source:* <http://www.derkeiler.com/Newsgroups/sci.crypt/2006-08/msg00753.html>

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- *From:* [kim@xxxxxxxxxxx](mailto:kim@xxxxxxxxxxx) (Kim G. S. Øyhus)
  - *Date:* Fri, 11 Aug 2006 09:02:42 +0000 (UTC)
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In article <KpQCg.9866\$gY6.3247@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>, Joseph Ashwood <ashwood@xxxxxxx> wrote:

"Kim G. S. Øyhus" <kim@xxxxxxxxxxx> wrote in message [news:ebesm7\\$ptg\\$1@xxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:ebesm7$ptg$1@xxxxxxxxxxxxxxxxxxxxxxxx)

And simply using a finger to pay is very easy and convenient, thus an advantage which can increase earnings.

Ok so that's what you're thinking. You're thinking of a shared terminal which uses the user's fingerprint to dynamically generate the key.

No.

Shared terminals are just one possibility. It could also be used in private terminals, such as computers, phones, and even smart cards with fingerprint readers.

And I am not thinking about dynamically generate the key, since that is impossible.

This has a severe problem, in doing this you are placing enormous trust in the device in use. This is a HUGE step backward from the security of the systems being rolled out, in fact it places the security slightly below the debit card and PIN system used by banks in the US, and a miniscule fraction of the security of the smart card systems being rolled out. So basically your advantage comes at a security price that is unacceptable for almost all purposes. The only purposes for which I can see your system not being a security problem is building access, but those don't need cryptographic keys.

Your conclusion do not follow.

ATMs are safer than debit cards, which is the opposite of what you claim.

Re: Fingerprint as cryptokey

Seemingly every laptop manufacturer disagrees with you, many have integrated fingerprint authentication into their laptops. What is the advantage of your method over the others?

That is a sign they agree with me, not disagree.

That is a sign that your technology needs a monetary advantage, or a major secur