

Media Release



Lockstep Technologies Pty Ltd
www.lockstep.com.au/technologies

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Lockstep Technologies makes the finals of the Asian SESAMES Awards at Cartes Asia 2010, Hong Kong

10 March 2010 SYDNEY: Lockstep Technologies, a leading Australian innovator in digital identity and privacy, has been selected in the finals of the prestigious Asian SESAMES awards at the Cartes Asia conference (March 16-18, 2010, Hong Kong).

Lockstep's game-changing *Stepwise* prevents identity theft and radically improves privacy in e-health, e-government and financial services.

Applications for *Stepwise* include:

- prevent online Card Not Present fraud
- secure the next generation of online debit card payments
- de-identification of e-health services
- anonymous, secure e-voting, and
- confidential age proofing for social networking sites and classified content.

How to Stop Identity Theft

Digital identity theft today is child's play.

The classic example is Card Not Present (CNP) payment fraud over the Internet, the fastest growing cyber crime worldwide. CNP fraud represents 50% or more of payment fraud in most jurisdictions. In Australia, online CNP fraud now costs A\$82 million per year according to the Australian Payments Clearing Association (APCA). These costs are all eventually passed back onto consumers.

Yet credit card fraud is just one example. Medical ID theft, avatar theft, and other identity crimes are all growing rapidly, and all have the same root cause: the easy take-over of digital identity data.

What is urgently needed across the board, in all Internet business, is protection against theft and replay of digital identities.

Lockstep Technologies' *Stepwise* is the answer. "*Stepwise* has the potential to stop most digital identity theft as we know it today" said Lockstep founder and Managing Director Stephen Wilson. "*Stepwise* uses a patented application of the advanced cryptography



built into today's intelligent devices to ensure credit card numbers, health IDs and other personal data cannot be stolen and replayed without consent.

"Lockstep can turn back the tide of the black market for stolen IDs. It decentralises identity data, removing the huge stockpiles that keep getting raided by organised crime, and putting the user back in control."

"*Stepwise* means an online business can be sure that an ID has come from its rightful owner, it hasn't been stolen and replayed, and it's been provided with consent. No other personal details or numbers are linked; customers get to reveal the bare minimum of data needed for each transaction."

Praise for Stepwise

One national EMV Project Manager said: *'I have never seen smartcards used like this before'*.

One pilot customer said: *'This solution improves security and transaction performance at the same time; this is very rare'*.

About Lockstep

Lockstep is a privately owned cyber security firm which undertakes innovative research and development of unique new solutions to address privacy, identity theft, spam and online social networking safety. Lockstep has received numerous awards and endorsements:

- granted two patents, with three further patents pending
- Anthill Smart 100 (No. 25) 2009
- Australian Technology Showcase 2008
- AusIndustry COMET R&D grant 2007

See www.lockstep.com.au/technologies.

About Cartes Asia and the Asian SESAMES Awards

For many years, the annual Cartes exhibition and conference held in Paris has been the world's premier smartcard event. Now, the first Cartes Asia event will be held in Hong Kong, over March 16-18-18.

The Asian SESAMES Award will reward the best innovative application for the Asia Pacific market in smartcards, digital security, identification, secure transactions, Internet of Things, and contactless.

See www.cartes-asia.com and www.cartes-asia.com/event/asian-sesames-award.

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