

# iCash Payment Systems Limited

ABN 87 061 041 281



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Company Announcements  
Australian Securities Exchange Limited  
20 Bridge Street  
SYDNEY NSW 2000

**Via e-lodgement**



## **STATEMENT ON CASHPOD ATM SECURITY AND ANTI-HACKING TECHNOLOGY**

Following a recently well publicised hacking demonstration where two major brand ATMs were forced into “a very public” unauthorised cash dispense, Executive Director and Chairman of iCash Payment Systems Limited, Mr James Manny, stated in response to several enquiries that he was not surprised by the ease at which the attacks could be instigated.

“Some deployers are supporting manufacturers that still persevere with 10 to 15 year old technology, which carries inherent security vulnerabilities. However, security of the iCash Cashpod ATM has always been one of iCash’s core values. The iCash Group draws on 100s of years combined ATM experience between its Korean and Australian technical operations. iCash has the R & D expertise to meet present and future technical security threats.

The underlying operating system in the cashPod is never exposed. All Host-to-ATM communications are protected by full message MAC’ing (Message Authentication Codes) and encryption keys are rolled every time a door or hatch is opened or, a menu mode is entered, far exceeding the current minimum standards.

The inclusion of our in-house developed WIZ dispenser, allows Processor-to-Dispenser commands to be proprietary and tightly controlled. Even the internal Component-to-Component commands are encrypted, complex initialisation message sequences are passed before the dispenser will issue cash. In the Encrypting Pin Pad alone, some 22 different sensors are waiting to detect a hardware attack. In the event of an attack, the ATM locks down, erasing encryption keys and disabling the dispenser. “says Mr Manny.



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The cashPod ATM is one of the few devices that carry current APCA approval. This sets us apart from other deployers who distribute other brand ATMs and do not have control over the design and security aspects of the machines which they place. We consider the latent risks associated with favouring non-APCA standard machines based on dollar values alone, as being akin to putting your family into a car with brakes but no seat belts and airbags. You simply wouldn't do if you understood the risks and had a choice," said Mr Manny from iCash.

Tony Teng  
Company Secretary

**About iCash**

iCash is a vertically integrated ATM payments business and has designed, manufactured and sold more than 10,000 installations in Asia Pacific since 2001. Our global product range includes ATMs, multi-function kiosks, automated cash sorting devices, complete public transport ATM solutions, switching and software solutions, and integrated settlement and back office automation systems.

Our global Head Office is in Sydney supporting the ownership of an Australia-wide ATM network of over 800 machines. Support services include a 24x7 help-desk, maintenance and repair facilities, training and on-going technical support. Payments infrastructure includes transaction processing, switching, and software solutions.

The Company's South Korean operations – home to iCash's research and development facilities, underpins the company's expansion across Australasia.

In China, the establishment of a Beijing office in 2008 enabled the Company to secure a technical and commercial partnership with Nantian, a leading IT and banking business automation provider. Nantian has completed over 1,000 banking applications, running in more than 20,000 bank branches, and operates more than 3,000 ATMs throughout China.

For more information, please visit <http://www.icashpayments.com.au>.