NCR SECURITY UPDATE

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EMV

This week, representatives from NCR delivered a presentation at an industry conference to highlight solution recommendations to deal with a potential vulnerability in retail points of interaction (i.e. EMV card readers). Portions of the presentation have been picked up by news media.

NCR offers the following perspectives to help clarify questions you may be thinking about.

Specifically, the potential vulnerability described does not apply to nor affect NCR ATMs or software in any way.

NCR strongly supports EMV and the full and complete deployment of EMV standards.

With regards to security and fraud prevention, approaches that use chip-and-PIN in a closed transaction ecosystem (e.g., ATM), or leverage point-to-point encryption in a distributed transaction ecosystem (e.g., POS transactions), protect against these type of attacks. Furthermore, EMV represents an incremental improvement over the use of magnetic stripe transactions and legacy protocol communications between the ATM endpoint and the hosts.

EMV prevents cloning of cards (skimming) and skimming accounts for over 90% of cash losses at ATMs.

In the UK, face-to-face losses are down 76% from peak since the introduction of chip and PIN.

In markets like Belgium and Holland where geo-blocking has been implemented, EMV has eliminated skimming.

Today the U.S. is the biggest black market for cashing out skimmed European cards. U.S. EMV migration will have a tremendous positive impact in reducing global fraud for card present transactions, not just U.S. fraud.

The benefits of EMV also provide enhanced security of the transaction between the endpoint and the host/processors. The benefits of this further protect from other potential areas where personal information can be captured, and the transaction manipulated to cause loss of cash.

As an active member of EMV Co and other standards bodies, NCR fully supports the developments to further secure card transactions.

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