

Additional mitigation from Deep Insert Skimming

Protection against advances in criminal skimming activities on

Motorized Card Readers

NCR Hardware Mechanical Inhibitors for NCR Tamper Resistant Card Readers

Card Skimming attacks remain the most frequent and most costly form of attack on ATMs worldwide. The accessibility of new materials and 3D printing have enabled criminals to further refine the design of card skimmers. These new designs have been able to successfully execute some attacks on Motorized card readers

Deep Insert Skimmers

Deep Insert Skimmers are thin devices that are inserted into the card reader transport and remain hidden inside the reader to skim subsequent transactions. A new evolution of 'ultra thin' deep insert skimmers are now being used which are small enough to fit within NCR's latest card readers. These skimmers contain a card reading mechanism, along with miniature battery and memory that can store card data. Criminals retrieve the card data by retrieving the skimmer. Skimming attacks also require the PIN in addition to the card track 2 magnetic data, and covert cameras placed on the ATM fascia near the PIN pad are the most common method used.

Card Skimming

- Card skimming copies magnetic data from a card and uses it to create a cloned card which can be used to withdraw funds from the target account.
- Skimming is an attack on old magnetic technology. EMV technology creates unique data per transaction which cannot be reused if skimmed.
- Card Issuers can prevent skimming losses by ceasing to authorize magnetic transactions.

NCR Update

To provide our customers with further protection and mitigation from this new form of attack, NCR has released a hardware upgrade for existing card readers that further reduces the chance of a successful skimming attacks. This upgrade will further inhibit the possibility of a Deep Insert Skimmer operating correctly inside the card reader.



To speak with someone or for more information, visit us at [ncr.com](https://www.ncr.com).



Specifications

- PID 6684-K948-V001 (upgrades 5 card readers)
- For Motorized Cards Readers
- Fits to current Tamper Resistant Cards Readers AND older Motorized card readers

Technical specifications

Kit includes

- 5 Sets of mechanical Inhibitors (enough to upgrade 5 card readers)
- Each inhibitor set contains 3 pieces

Installation

- Requires a site visit
- Estimated installation is 30 minutes per ATM
- Installation can be provided by NCR WCS

Why NCR?

NCR Corporation (NYSE: NCR) is a leading software and services-led enterprise provider in the financial, retail, hospitality, small business and telecom and technology industries. We run key aspects of our clients' business so they can focus on what they do best.

NCR is headquartered in Atlanta, GA with 34,000 employees and solutions in 141 countries. NCR is a trademark of NCR Corporation in the United States and other countries.

NCR continually improves products as new technologies and components become available. NCR, therefore, reserves the right to change specifications without prior notice.

All features, functions and operations described herein may not be marketed by NCR in all parts of the world. Consult your NCR representative or NCR office for the latest information.

All brand and product names appearing in this document are trademarks, registered trademarks or service marks of their respective holders.

© 2022 NCR Corporation Patents Pending

[ncr.com](https://www.ncr.com)

