

POS Card Readers





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BACKGROUND

NCR Corporation is a leader in omni-channel solutions, turning everyday interactions with businesses into exceptional experiences. With its software, hardware, and portfolio of services, NCR enables nearly 700 million transactions daily across retail, financial, travel, hospitality, telecom and technology, and small business.

OBJECTIVE

NCR wanted to maximize front-end through put and increase customer loyalty with optimum card reads.

SOLUTION

As a result of a series of early-life point of sale failures due to magnetic strip reader failures, NCR scientists decided to carry out a study to determine the effectiveness of cleaning cards to recover Magnetic Strip Reader modules that had failed previously during the point of sale refurbishment process.

METHOD

The study was conducted on 723 modules that were pre-tested to ensure they failed the card reader test. The same modules were then thoroughly cleaned using Waffletechnology® cards and retested using the same testing procedure.

RESULTS

Of the 723 POS modules tested, 565 POS were considered recovered by registering 5/5 card reads during testing after the cleaning cards were used.

STATISTICS

78% of POS modules were considered recovered by registering 5/5 card reads during testing after the cleaning cards were used.

CONCLUSION

Waffletechnology® cleaning cards were proven to be an effective way to optimize the lifespan of magnetic strip card readers and improve point-of-sale transactions.

KIC creates proprietary and patented cleaning solutions designed to enhance the performance of tech devices in fast-growing industries. We adapt our innovations to specific devices, powering the world's most successful businesses in Banking, Retail, Healthcare, C-Stores, and Gaming. Leveraging 20+ years' experience and 50+ OEM relationships globally, KIC's exclusive programs and products deliver enhanced business performance and unmatched customer experiences.



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