

# Target: Customers' encrypted PINs were stolen

December 27 2013, by Barbara Ortutay

---



In this Dec. 19, 2013 file photo, a passer-by walks near an entrance to a Target retail store in Watertown, Mass. Target on Friday, Dec. 27, 2013 said that customers' encrypted PIN data was removed during the data breach that occurred earlier this month. But the company says it believes the PIN numbers are still safe because the information was strongly encrypted. (AP Photo/Steven Senne, File)

Target said Friday that debit card PIN numbers were among the financial information stolen from millions of U.S. customers who

shopped at the retailer earlier this month.

The company said the stolen personal identification numbers, which shoppers type in to keypads to make secure transactions, were encrypted and that this strongly reduces risk to customers. In addition to the encrypted PINs, customer names, credit and debit card numbers, card expiration dates and the embedded code on the magnetic strip on back of the cards were stolen from about 40 million credit and debit cards used at Target between Nov. 27 and Dec. 15.

Security experts say it's the second-largest theft of card accounts in U.S. history, surpassed only by a scam that began in 2005 involving retailer TJX Cos.

Target said it doesn't have access to nor does it store the encryption key within its system, and the PIN information can only be decrypted when it is received by the retailer's external, independent payment processor.

"We remain confident that PIN numbers are safe and secure," spokeswoman Molly Snyder said in an emailed statement Friday. "The PIN information was fully encrypted at the keypad, remained encrypted within our system, and remained encrypted when it was removed from our systems."

However, Gartner security analyst Avivah Litan said Friday that the PINs for the affected cards are not safe and people "should change them at this point."

Minneapolis-based Target said it is still in the early stages of investigating the breach. It has been working with the U.S. Secret Service and the Department of Justice.

© 2013 The Associated Press. All rights reserved.

Citation: Target: Customers' encrypted PINs were stolen (2013, December 27) retrieved 24 April 2024 from <https://phys.org/news/2013-12-customers-encrypted-pins.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.