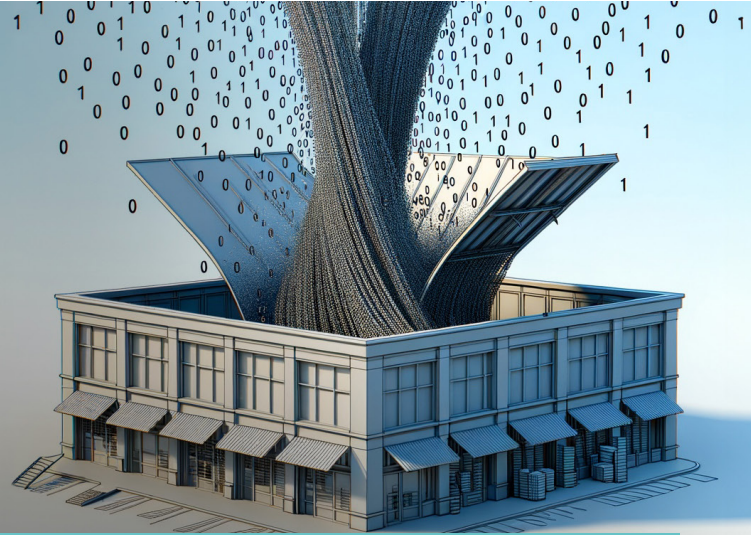


# Cracking the Ransomware Code for Retailers

Cyber criminals have retailers locked in their sights.



You may believe your retail point-of-sale (POS) systems are fortified, but with the availability of ransomware-as-a-service, criminals have easy access to new malware that can threaten your data, disrupt your business, and jeopardize your brand. It's time to break the ransomware code and get the real download on retail cybersecurity truths.

## 1 The Cipher

**Our encrypted payment systems provide unbreakable defenses against cyber threats. Attackers can't steal or encrypt our data.**

## 2 The Analysis

In April 2023, a US-based payments processor was hit by a ransomware attack that caused a data center outage that disrupted some of their digital services, including POS systems and back office applications. As a result, users were unable to set staff schedules, process payroll, or accept loyalty points and gift cards.<sup>1</sup>

A Los Angeles-based clothing chain proved lightning can strike twice. Attackers obtained protected files in early 2023 that included over 500,000 customer names, birthdates, bank account numbers, and social security numbers, as well as data about employee healthcare enrollment, payouts, and premiums. This was the retailer's second high-profile data breach, as a massive amount of credit card numbers were stolen from their unencrypted POS machines in 2017.<sup>2</sup>

## 3 Cracking the Code

Your POS systems are still vulnerable to attacks that aim to compromise unencrypted data, gain access to unprotected systems, or simply cause disruption—bringing your business to a halt.

## 4 The Fool-Proof Encryption Key

With the help of SageNet's Retail-Ready services, retailers can hone their ransomware protection prowess with industry-leading networking and security from Fortinet. SageNet's managed network services are backed by three state-of-the-art US-based 24/7 NOCs, placing your customer and employee data in safe hands. SageSECURE™ delivers a PCI-compliant solution that follows a tried-and-true method to connect, control, and protect your business.

1) Cybersecurity Dive, [NCR in recovery as ransomware disrupts widely used point-of-sale system](#), April 2023.

2) Tech Crunch, [Forever 21 data breach affects half a million people](#), August 2023.

## Want to know more?

Download our [Demystifying Ransomware for Retailers eBook](#) to learn how to thwart criminal hackers threatening your data.