



# UPTIME IS KING FOR RETAIL

## PROBLEM

Advanced Attacks

## SOLUTION

enSilo's Virtual Patching against  
Advanced Targeted Attacks

## BENEFITS

- **Continuous Operations:** ensuring that business can continue uninterrupted, even when PoS systems are infected.
- **Real-Time Prevention of Attack Consequences:** stopping data exfiltration from the PoS systems.
- **Visibility:** providing accurate identification of attack activity targeting your PoS systems.

Cybercriminals are increasingly targeting point of sale (PoS) systems to steal the vast amount of payment card data they contain. These attacks can pay off big, considering an individual's card can sell for up to US\$130 on the black market. As of last year, PoS malware was one of the biggest sources of stolen credit cards (see [Homeland Security warning](#)). The problem is if a PoS system is compromised and taken offline at a retail location, it impacts the revenue of that location; at a large retailer, a PoS device can generate up to \$100K a day. When an alert is issued from the security infrastructure on a PoS system, the device must be unplugged, the alert must be investigated and, if it is indeed an attack, the breach must be remediated. This can take up to 48 hours, which means that PoS device is out of business for two days. Retailers need a way to keep their PoS systems online. They need a way to ensure operations can continue uninterrupted, while keeping payment card data private and safe. They need enSilo.

## ENSILO KEEPS POS SYSTEMS ONLINE

enSilo's real-time exfiltration prevention platform ensures that PoS systems can remain operational, even if they are compromised. enSilo offers retailers a virtual patch against targeted attacks, identifying and blocking any malicious outbound communication attempts from the PoS system to keep the payment card data secure and the retailer in business. By preventing any data exfiltration, enSilo gives retailers the time and detailed information they need to hone in on and remediate the active threats targeting their systems, while allowing business to continue as usual.



*enSilo gives retailers peace of mind, providing:*



### *Real-Time Prevention of Attack Consequences*

Preventing the malicious outbound communications from the PoS system to keep the payment card data private and secure.



### *Continuous Operations*

Enabling the PoS system to continue operating as usual, without disruption, even when infected.



### *Active Threat Information*

Gives retailers visibility into the attacks targeting their PoS systems, enabling them to deterministically identify a violation – no false alarms, no wasted time, just a single alert for an active threat.



### *Compliance With Privacy Regulations*

The solution does not look at any data, only the communication mechanisms

## ABOUT ENSILO

enSilo is a cyber-security company that offers a real-time, exfiltration prevention platform against advanced targeted attacks. The company was founded on the recognition that external threat actors cannot be prevented from infiltrating networks, and instead focuses on preventing the exfiltration and ransoming of critical data in the event of a cyber-attack.

enSilo's unique virtual patching technique, which only blocks malicious outbound communications, enables employees to continue working as usual even when their devices are infected.