

Leading Retail Enterprise Amps Up PII Security with Fidelis Network Deception Solution

The Challenge

With over 130,000 employees across the world, one of the largest convenience stores chains in the world needed to upgrade their IT security system when it came to their notice that their existing cyber security system lacked visibility.

This problem came to light when they frequently saw personally identifiable information (PII) and passwords being sent, yet this was not reflected in the network traffic logs and no alert notifications were triggered. Furthermore, this information was not being exfiltrated and continued to stay in the internal network. This led them to look for a network detection and response tool that would correct the void their existing tools had.

This void led to a considerable amount of policy, liability, and regulatory concerns since sensitive information including salaries and other PII was unintentionally visible.

The Solution

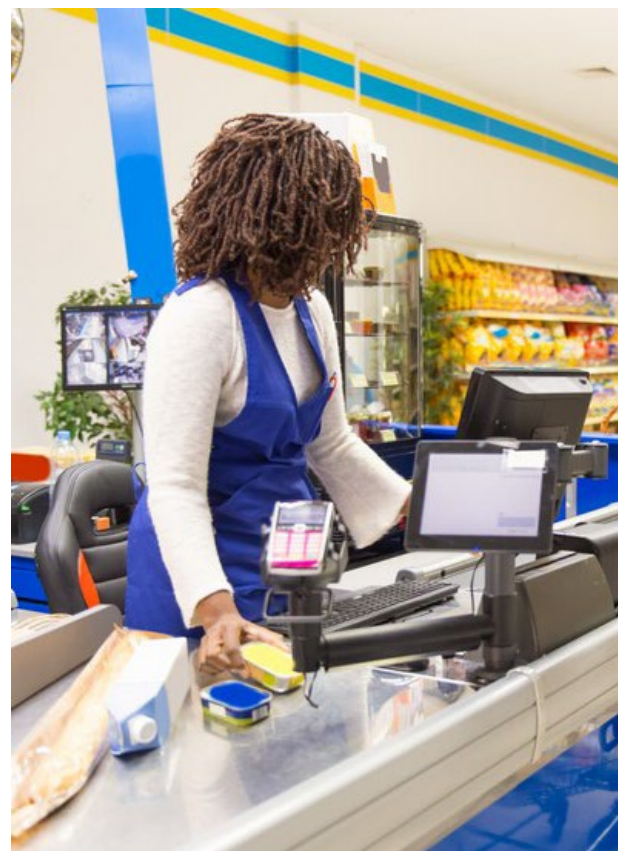
[Fidelis Network® Detection and Response](#) (NDR) provided far more visibility than any of the other products the customer was evaluating at the time. Fidelis NDR detected insecure transmission of data and unknown transmission methods. In multiple cases, Fidelis NDR was able to prove, in many cases, that there was real production data transferring across their network.

The customer eventually ended up integrating, both the Fidelis NDR solution as well as the [Fidelis Deception®](#) tool. This was relatively easy to incorporate since Fidelis Deception® is an integrated component with Fidelis NDR which means that the customer did not separately need the time to carry out deception.

[Fidelis Security®](#) advanced one step further to customize the solutions to fit the customer's need by integrating with their SIEM and SOAR tools, which needed to be done for the company's size.

About The Company

The retail giant headquartered in Texas, United States, has an expansive footprint spanning continents, with over 80,000 stores globally, catering to the diverse needs of consumers in over 20 countries. Its annual revenue exceeds the billion-dollar mark, reflecting its status as a dominant force in the retail landscape.



The Result

Following the installation, the customer noticed an immediate change in the visibility across their network. This meant that the main problem they were facing was lack of visibility, which was resolved just hours after the installation of Fidelis NDR solution.

Another unique aspect of this customer was that, post evaluation, after the customer completed installation of Fidelis NDR solution, they approached their partner GDT, introducing them to Fidelis Security, this deviates from the typical process, where partners present solutions to clients. Following the installation, Fidelis Security® not only resolved the end user's problem but also resolved the partner's requirements through their responsive team.

Fidelis NDR

Fidelis NDR security solution offers full and deep internal visibility across all ports and protocols, with network traffic analysis and network behavior anomaly detection, which monitors for potential security threats, and signs of malicious activity.

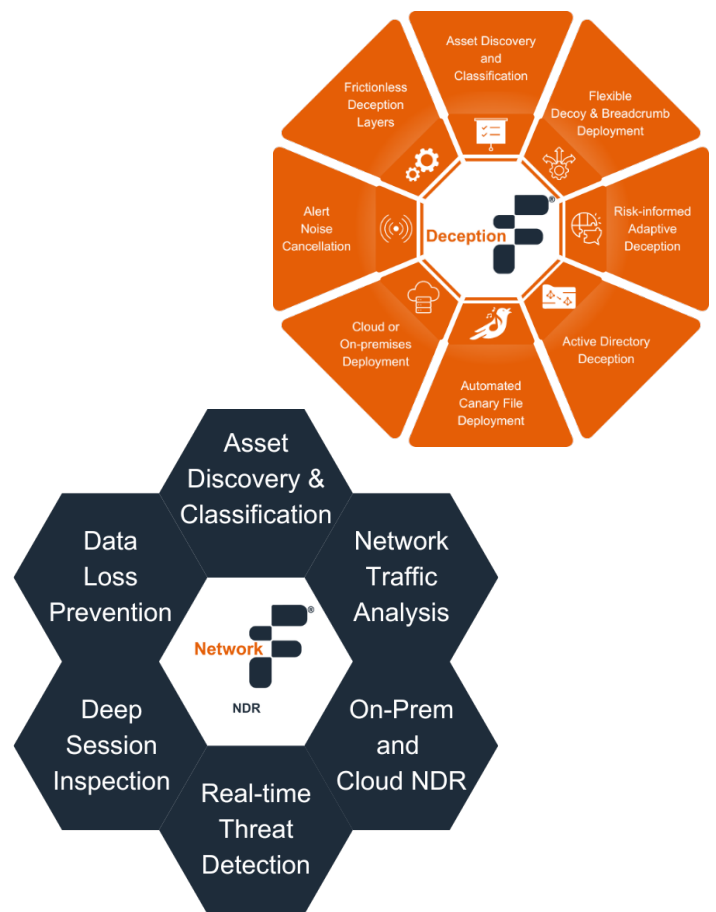
This network detection and response solution works by automatically grouping related alerts to save critical time and provide malware analysis and improve threat hunting. Fidelis Network® also provides sandboxing, network forensics, DLP (Data Loss Prevention), threat intelligence, and automated security rules in one unified solution.

Fidelis Deception®

Fidelis Deception® is a strong cybersecurity solution which shifts the advantage from the attacker to the defender by using decoys and lures to trap attackers in the deception layer, giving you time to detect attackers earlier, study their moves, and defeat them before damage is done.

Fidelis Deception® works by automatically mapping the cyber terrain, identifying asset vulnerabilities, and strategically deploying decoys based on real assets. These decoys lure attackers to interact with them to learn what the attacker is looking for before they move laterally in your network. It includes:

- Decoys
- Breadcrumbs
- Active Deception



Contact Us Today to Learn More
Fidelis Security | info@fidelissecurity.com



Fidelis Security® is the industry innovator in proactive cyber defense, safeguarding modern IT for global enterprises with proactive XDR and CNAPP platforms. Fidelis Security consolidates IT security operations to shrink attack surfaces, automate threat detection, and accelerate analysis, forensics, and response so that organizations remain resilient through cyber-attacks and emerge stronger and more secure. Fidelis Security is trusted by top commercial, enterprise, and government agencies worldwide.