

HOW TO SECURE YOUR C-STORE'S NETWORK



Every convenience store operator wants to provide its customers with a speedy, satisfying and SAFE shopping experience. But convenience stores are increasingly being targeted by hackers seeking sensitive customer data and access to networks.

ENHANCING CYBERSECURITY AND DATA PRIVACY COULD DRIVE 5.4% UPLIFT IN RETAILERS' ANNUAL REVENUE.¹



The current state of most convenience stores' physical and virtual security is highly fragmented and difficult to integrate:

- Analog, standalone CCTV
- Older firewalls
- Security at PCI minimum
- Stove-piped systems



THIS LEADS TO:

- **Costly management**
- **Difficulty implementing EMV**
90%+ of unattended payment terminals are still not EMV-compliant²
- **Higher risk of breach, especially at the pump**
One card skimmer can:
- Impact 100 to 500 consumers
- Cost each consumer \$1,100 to \$5,000³

RETAIL BREACH RATES INCREASED

2.5X

FROM **2017** TO **2018**⁴

THIS INCREASED RISK IS DUE TO:

- ▶ More devices on store networks
- ▶ More sophisticated, layered, perimeter-focused attacks:

RETAIL'S MOST COMMONLY BREACHED DATA TYPES:



Payment data
73%



Personal data
16%



Credentials
8%⁵

THREE OF THE TOP 10 MOST-BREACHED DEVICES ACROSS INDUSTRIES:



POS terminals



POS servers



Gas pump terminals⁶



TO BOOST SECURITY, LOWER RISK AND ENABLE EMV, C-STORES NEED LAYERED, INTEGRATED AND STRONG EDGE-ALIGNED SECURITY. DOES YOUR NETWORK CHECK THESE BOXES?

- Robust, stateful, next-gen firewall
- Unified Threat Management
- Physical security with digital CCTV
- Rogue Wi-Fi Scanning
- EMV compliance via MNSP

SOURCES: ¹ Capgemini https://www.capgemini.com/fr-en/wp-content/uploads/sites/27/2018/05/cybersecurity-in-retail-report_v2-10.pdf | ² Payment Source <https://www.paymentssource.com/list/data-what-emv-overlooked> | ³ CSN <https://csnews.com/how-shut-down-fuel-thieves> | ⁴ The 2018 Thales Data Threat Report - Retail Edition | ⁵ Verizon <https://enterprise.verizon.com/resources/reports/dbir/> | ⁶ Verizon ibid

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