RETAIL SECTOR **CYBER-SECURITY INSIGHTS**





The retail sector in the UK experienced 44 cyber-attacks in the past year (that we know of). Recent high-profile attacks were made on Tesco, Spar, The Works and Funky Pigeon.

These attacks are becoming more frequent, targeted, and complex while the retail industry is struggling to defend itself.

WHY RETAIL **TTACKS HAPPEN**



According to Trustwave 24% of cyber-attacks target retailers, more than any other industry.



Retailers collect, process and store increasingly large amounts of customer data, including PII and credit card numbers. All information that bad actors are seeking to profit from selling on the dark web.



Increasingly retailers are a hybrid of physical stores and e-commerce to manage this eco-system, they must use a mix of technologies including POS and cloud-based e-commerce systems. However, this hybrid approach creates numerous cyber-security risks.

TYPES OF THREATS



Threat actors exploit vulnerabilities in networks to install ransomware. This

Ransomware

allows them to encrypt systems and bring transactions to a standstill until a ransom is paid.

particularly payment card data and Pin are big ticket items that hackers can sell.

Data breaches Customer information,

To steal this data, they often use stolen credentials.

operations. A single vulnerable access point could lead to a supply chain attack.

attacks

and payment systems Many online retailers have invested in contactless transaction technologies that use IoT to process payments. In 2020, 9 of the top 10 exploits targeted IoT devices according to Fortinet.

Attacks on IoT devices

Forward thinking retailers should move toward a holistic

cybersecurity approach to shore up their current position. Here are our top tips:

BEST PRACTICE



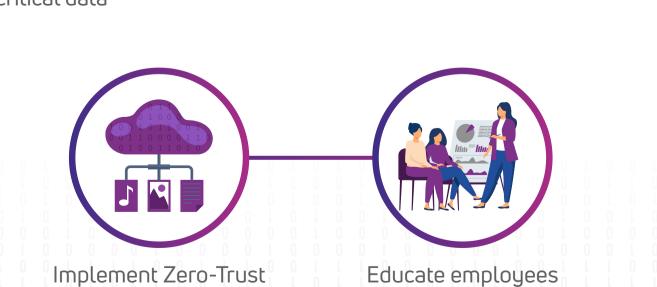
technology for your critical data

Invest in data vault

Deploy POS

malware

Implement multi-factor authentication



CAE's threat intelligence tools provide a strong defence for your

retail organisation. Find out more here

Access

https://www.thisiscae.com/security/

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