



### Vulnerabilities That Lead to Ransomware Attacks



#### Phishing

A social engineering attack that attempts to collect information from victims



#### Lack of awareness

82% of breaches in 2022 involved human error, including incidents targeting happy clickers



#### BYOD

Personal devices are much more prone to malware attacks and IT have less visibility

### Ransomware Attacks Targeting Education That Made Headlines In The UK

#### 2021 | UK | The Isle of Wight Education Federation (IWEF)

Affected Population: 2,000+ primary and secondary school (K-12)  
Impact: Encrypted data including children and staff records, access to learning and admin systems IWEF was asked to pay a ransom of \$1M. Reportedly, they did not pay the ransom and instead had to spend thousands of dollars in recovery and remediation.

### Best Practices for Schools, Colleges, and Universities

**Protect happy clickers:** Think before you click. Breaches are relevant to our everyday duties. Is it safe? Should you open it?

**Run consistent software updates:** Embrace the culture of patching and enable automated software updates.

**Promote security awareness:** Empower students and faculty with security education to be aware of the threats and prevention tips.

**Seek additional funding opportunities to optimize security:** Get extra financial support to optimise security through fundraising or subsidised programs sponsored by local entities.

**Consider outsourcing security:** Sometimes, partnering with a managed service provider is the most effective way to access advanced security solution.

### One Unified Security Solution

COMPREHENSIVE SECURITY

CLARITY & CONTROL

OPERATIONAL ALIGNMENT

SHARED KNOWLEDGE

AUTOMATION

WatchGuard's Unified Security Platform

