

Top 3 Ways to Strengthen Your Security Posture

Threat Trends

Organizations are facing greater risk as threats in an evolving, perimeter-less environment grow more complex.

The NIST National Vulnerability Database shows that newly reported security vulnerabilities have increased by more than 2,000, nearly double the pace of 2021.¹

Further data from Securonix Autonomous Threat Sweeper (ATS) indicates a significant rise in the number of advanced threats, TTPs, and IOCs identified and scanned globally for customers.²

Threat Awareness Reports **867** | ↑ 481.9%

IOCs/TTPs Swept **35,776** | ↑ 380.0%

Threat Detection Reports **582** | ↑ 218.0%

How to strengthen your security posture

Increased reliance on cloud infrastructure provides insiders with more opportunities to steal data through cloud platforms. Coupled with sophisticated ransomware, IoT, and OT attacks, security teams need to cover these key areas to ensure a strong security posture.



Identify insider threats

Collect data from common egress vectors for data exfiltration, including email and content management systems.



68% email

68% content management products continue to be top egress vectors

Monitor for cloud infrastructure misuse

Detecting cloud threats begins with monitoring insufficient IAM. Alert trends indicate that misconfigured or inadequate access controls are increasingly responsible for cloud compromise.

Cloud threat model examples

Risk



Insider threat

Abuse controls



Weak control pane

Impact



Data breach



Account hijacking

Insufficient IAM & key management



Misconfiguration & inadequate access control

Limited cloud usage visibility



Misuse of cloud services

Data loss

Preempt sophisticated ransomware attacks

Strive to preemptively detect ransomware while the attack propagates through the kill chain. In the below scenario, preemptive ransomware detection recognizes multiple phishing emails from typosquatted domains masquerading as HR.



1 - Attacker posing as HR sends phishing emails



2 - Users click on malicious document



3 - Document spawns a script for the attacker to gain access

Ready to learn
more about how
you can secure your
organization against
emerging threats?

Download the report



securonix