



Gigamon®

2018 CYBERTHREAT DEFENSE REPORT

CyberEdge Group's fifth annual Cyberthreat Defense Report reveals how IT security professionals perceive the security posture of their organizations, the challenges they face in establishing effective cyberthreat defenses, and the plans they have to overcome those challenges. Read on to learn about some of the key findings from this year's report.

BREACHES ARE INEVITABLE

Organizations are falling victim to successful cyberattacks at an alarming rate ... and expect more of the same going forward.



HIT AT LEAST ONCE IN 2017



77.2%



HIT SIX TIMES OR MORE IN 2017



27.4%



EXPECT TO BE HIT IN 2018



62.3%

SECURITY BUDGETS ARE ON THE RISE

In response, enterprises are increasing their spend on security products, services, and personnel by an average of 4.7% in 2018.



12%

Is the average portion of the IT budget that security consumes

BUT A NUMBER OF CHALLENGES STILL REMAIN

CHALLENGE #1: TOO MUCH TO DO

As the technology footprint expands for today's enterprises, so too does the attack surface that must be defended.

INFRASTRUCTURE RATED WITH THE WEAKEST SECURITY POSTURE



Containers



Mobile devices



Cloud infrastructure

PROCESSES/FUNCTIONS THAT ARE THE MOST DEFICIENT



Application development & testing (SDLC)



Attack surface reduction



Detection of rogue insiders/insider attacks

A MAJOR OBSTACLE TO BEING EFFECTIVE



Too much data to analyze

CHALLENGE #2: SHORTAGE OF SKILLED PERSONNEL

Having additional money to spend on security is small consolation when there's a global shortage of cybersecurity professionals.



Lack of skilled personnel was rated the greatest obstacle to adequately defending against cyberthreats



Organizations experiencing a shortage of skilled IT security personnel

Education	87%
Technology	85%
Manufacturing	82%
Finance	81%

Vertical industry's hit by the IT security skills shortage

CHALLENGE #3: STILL SEARCHING FOR THE RIGHT SOLUTIONS

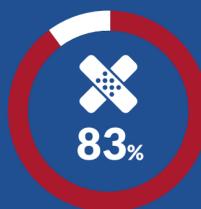
Making sufficient technology investments in all the right places AND managing to extract the most out of them is a puzzle few organizations have yet to solve.



Less than a third of organizations have invested adequately in cyberthreat hunting



More than nine in 10 organizations are having significant challenges related to cloud security



More than four in five organizations are struggling to patch known vulnerabilities in a timely manner

CHARTING A COURSE FORWARD

Overcoming the IT security challenges plaguing today's enterprises requires cyberthreat defenses that simply "get the job done" - for example, by:



Delivering pervasive visibility



Offloading and simplifying security infrastructure



Accelerating deployment and integration of new security tools



Enabling orchestration and automation