

# UPGRADING YOUR FIREWALL IS ONLY HALF THE BATTLE



## THREATS ARE NUMEROUS



106

The average number of malware hits businesses face every hour.<sup>1</sup>



50%

Chance that at least 1% of devices in a business are infected.<sup>1</sup>



25%

Chance that any organization will be attacked in the next 24 months.<sup>2</sup>



90%

Of organizations say they have been breached, 43% say in the last year.<sup>2</sup>



## RISKS ARE SIGNIFICANT



### NETWORK DOWNTIME

91%

Companies experience unplanned outages<sup>3</sup>

86 MINUTES

Length of average outage<sup>3</sup>



### SECURITY INCIDENTS

43%

Organizations experiencing breach last year<sup>2</sup>

47%

Of breaches were malicious<sup>2</sup>

47%

Of breaches led to data loss<sup>2</sup>

46%

Annual growth in security incidents<sup>2</sup>



### COST TO BUSINESS

\$550K

Average cost of enterprise recovery<sup>2</sup>

\$38K

Average cost of SMB recovery<sup>2</sup>

\$1.57M

Lost business for enterprise<sup>2</sup>

15%

Increase over last year<sup>2</sup>

## TAKE 4 STEPS TOWARD A MORE RESILIENT SECURITY FABRIC



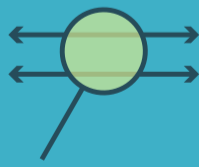
1 Add a bypass switch with tools to keep traffic flowing and

### ELIMINATE POINTS OF FAILURE



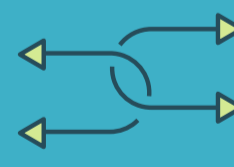
2 Add network packet brokers with load balancing and

### IMPROVE SECURITY TOOL EFFICIENCY



3 Build in high availability with automated failover and

### ENSURE COMPLETE INSPECTION OF ALL TRAFFIC



4 Support inline and out-of-band tools to increase visibility and

### IMPROVE PROACTIVE MONITORING

## TAKE YOUR SECURITY TO A WHOLE NEW LEVEL

With Ixia's Security Fabric, creating a self-healing, highly-available security architecture has never been easier.

Find out more in our white paper:

**Plan Your Firewall Migration to Increase Security Resilience**

[www.ixiacom.com/solutions/security](http://www.ixiacom.com/solutions/security)

<sup>1</sup> ZK Research Study for Ixia, April 2016.

<sup>2</sup> Kaspersky Lab, Cost of Security Breaches, September 2015.

<sup>3</sup> Ponemon Institute, Cost of Data Breach Study, May 2015.