Secure Web Gateway at The Edge

Enterprise Threat Protector
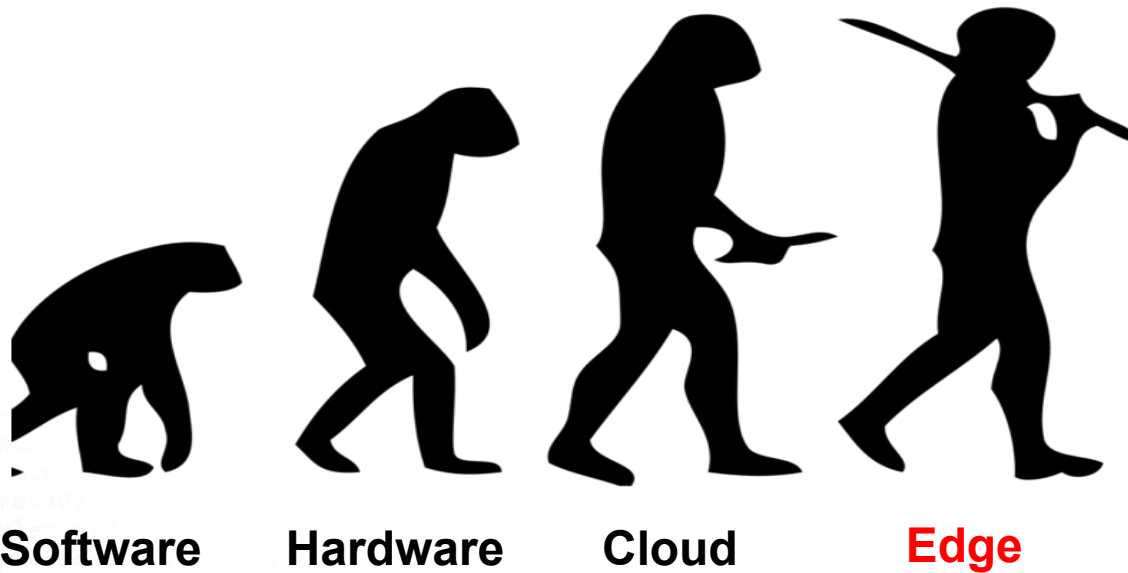
Akamai
Experience the Edge

The world has changed

ETP Secure Web Gateway: w/c March 9 vs. w/c May 11

↑ **447%**

↑ **134%**

↑ **67%**

↑ **37%**

↑ **23%**

CHAT   STREAMING   GAMING   SOCIAL   MALWARE
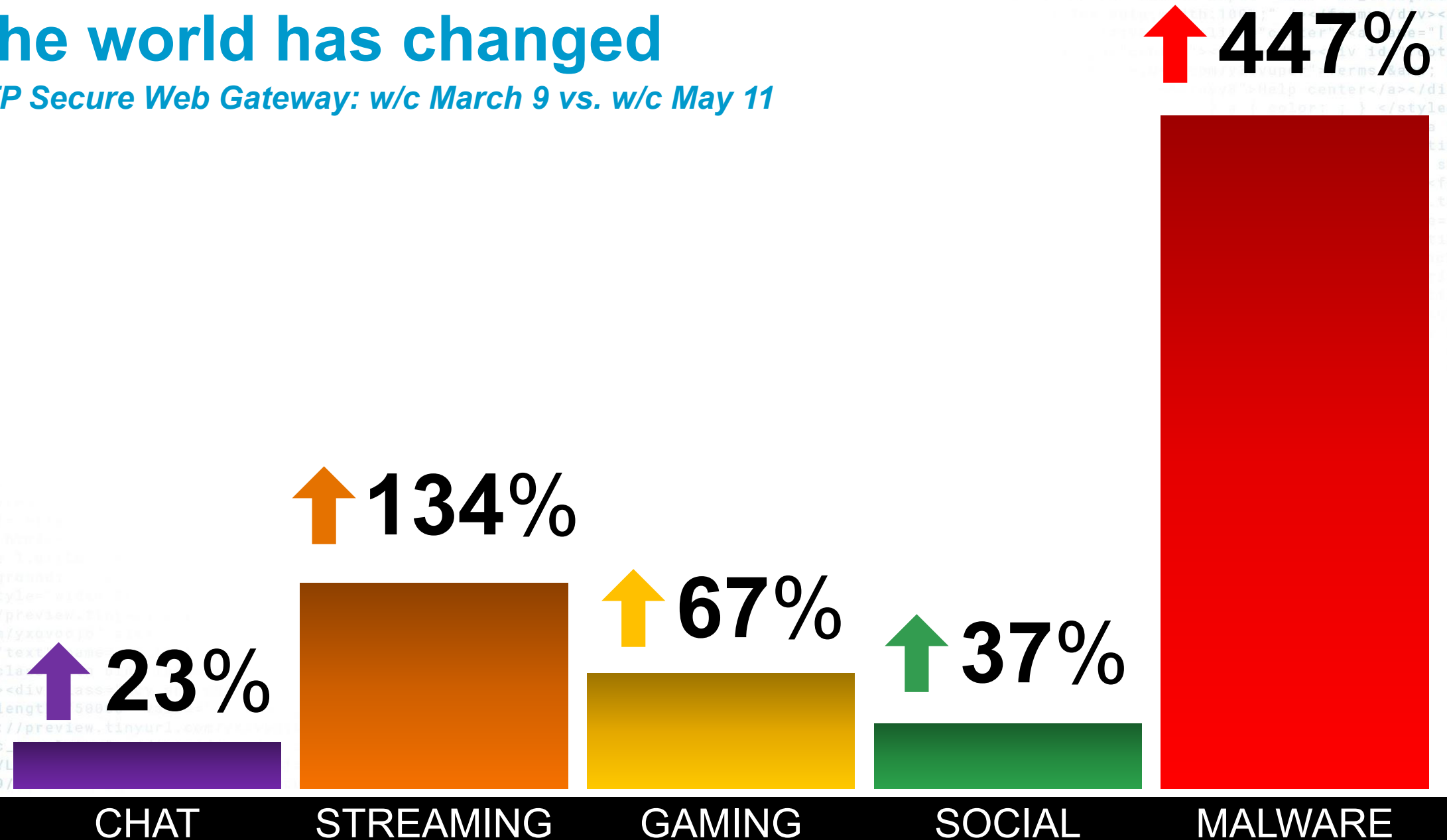
Secure Web Gateway Evolution

Software   **Hardware**   **Cloud**   **Edge**

- Backhauling/hairpinning traffic is inefficient and costly

- On premise appliances are complex and costly to configure, manage and upgrade

- Replication per site or taking a hybrid approach is not the answer

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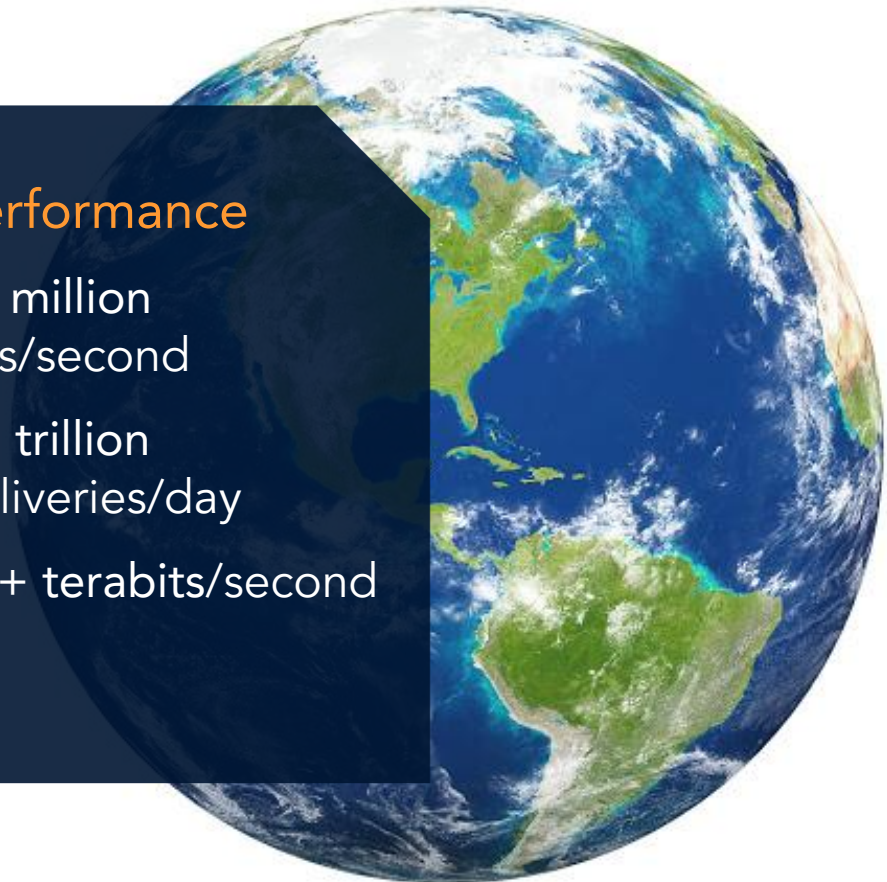# The world's largest cloud security platform

Scale

137 countries

1,700 networks

3,900 locations
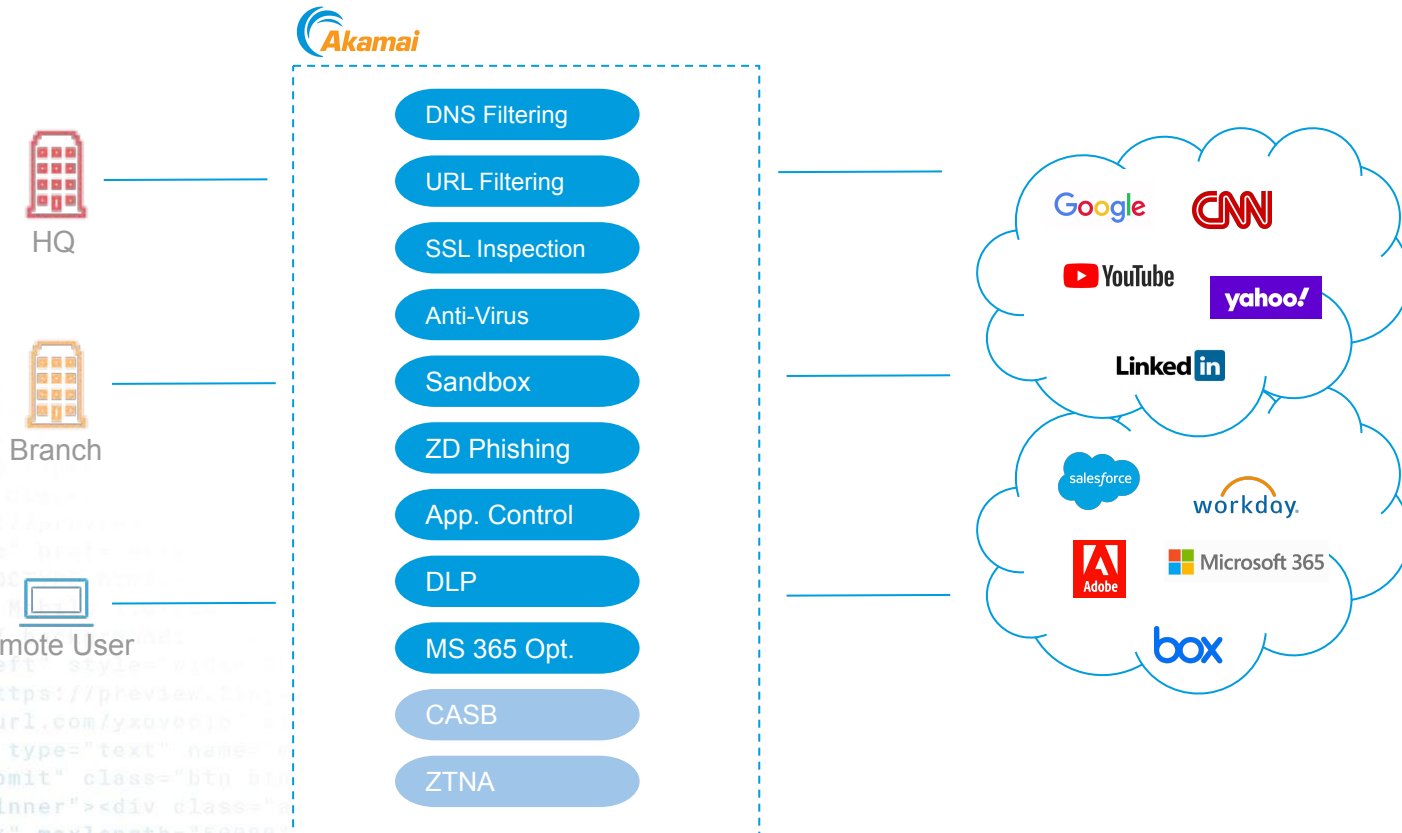
260,000 servers

Visibility

100 million IP addresses/day

1.3 billion device interactions/day

7.5 petabytes processed/day

Performance

40 million hits/second

2+ trillion deliveries/day

50+ terabits/second

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Secure Web Gateway at the Edge

HQ

Branch

Remote User

Akamai

- DNS Filtering
- URL Filtering
- SSL Inspection
- Anti-Virus
- Sandbox
- ZD Phishing
- App. Control
- DLP
- MS 365 Opt.
- CASB
- ZTNA

Google CNN YouTube yahoo! Linkedin

salesforce workday. Adobe Microsoft 365 box

Protect users and locations with always-on & identical security no matter where they are

Reduce expensive backhauling & appliance costs, improve performance & latency

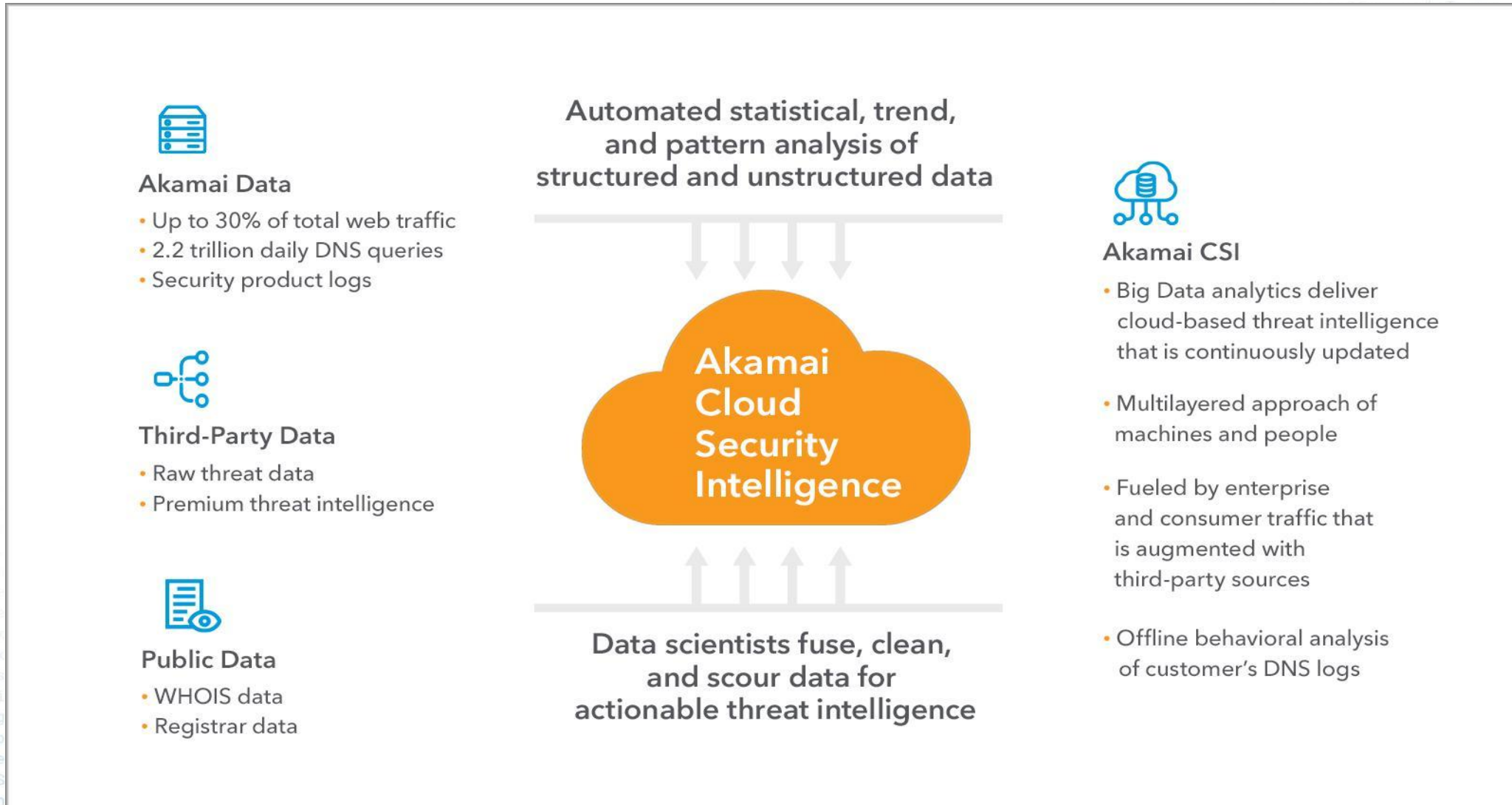Reduce complexity and ongoing management time

Seamless integration with Akamai's ZTNA service

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See more, catch more

- Akamai Real-time Threat Intelligence

- Combined with inline and offline engines

- Diverse detection techniques - signature, signatureless, machine learning, sandboxing

- High detection rates, low false positives

- Comprehensive protection against malicious content and zero-day threats

Real-time Threat Intelligence

Akamai Data
- Up to 30% of total web traffic
- 2.2 trillion daily DNS queries
- Security product logs

Third-Party Data
- Raw threat data
- Premium threat intelligence

Public Data
- WHOIS data
- Registrar data

Automated statistical, trend, and pattern analysis of structured and unstructured data

Akamai Cloud Security Intelligence

Data scientists fuse, clean, and scour data for actionable threat intelligence

Akamai CSI
- Big Data analytics deliver cloud-based threat intelligence that is continuously updated
- Multilayered approach of machines and people
- Fueled by enterprise and consumer traffic that is augmented with third-party sources
- Offline behavioral analysis of customer's DNS logs

Akamai Experience the Edge

A Proven Solution

| 14 Million Users Protected | 188 Billion DNS Queries | 273 Million AUP Events | 957 Million Threat Events |

* All data cited is September 2020

Akamai Experience the Edge

Global Fast-Food Chain Improves POS Security & Reduces Risk with Akamai ETP

Challenges

- Legacy AV was being retired & new EDR service was not a fit for POS security
- Franchisee/franchisor complexity

Results

- Quick and rapid deployment with simple DNS redirection across 10,000 retail locations
- Proactive DNS & URL protection for POS estate
- Reduced risk of POS compromise

Product Demo

- Simple & intuitive Cloud portal

- DNS protection enabled in minutes - immediate value

- Manage via OPEN APIs, integrate with SIEMs & other reporting tools

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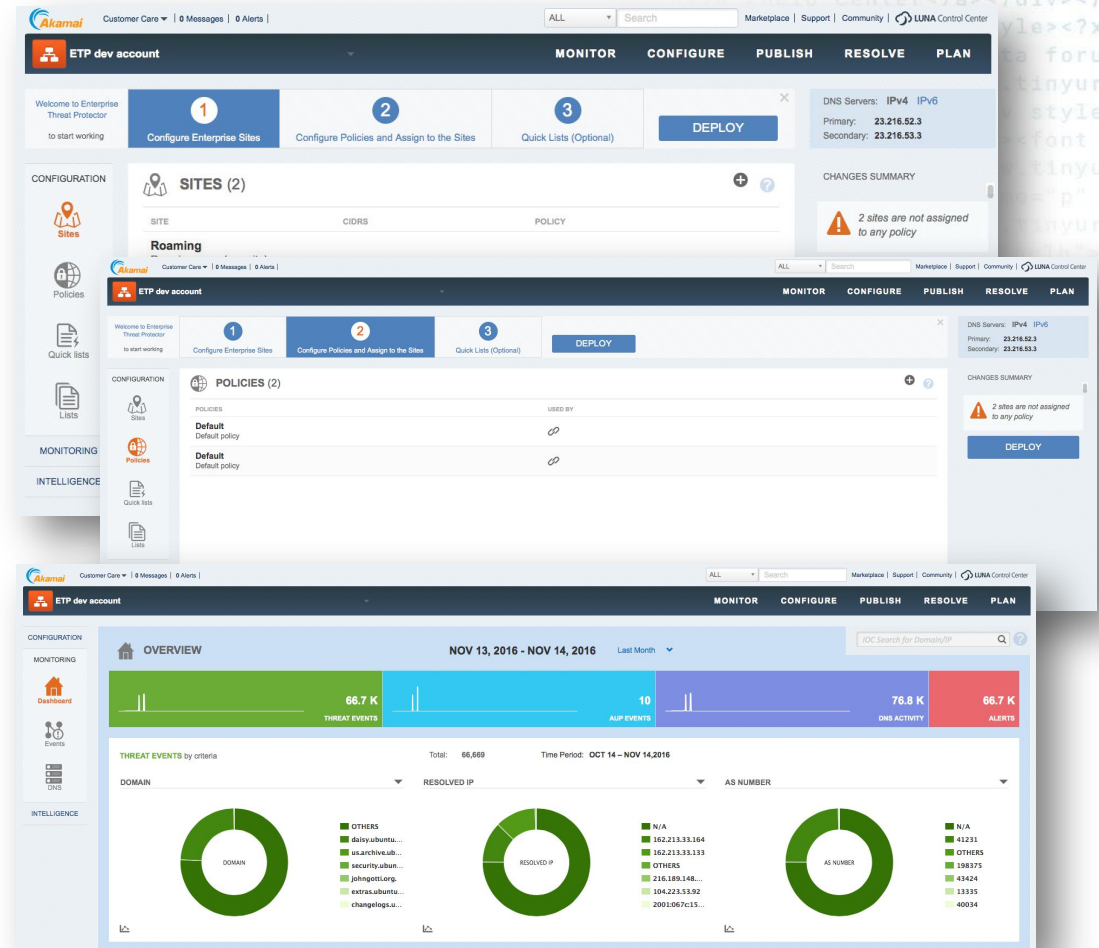
Next Steps

Workshop

- Technical feasibility
- 60 to 90 minutes
- Scoping review
- Indicative pricing

Proof of Value

- 60-day trial
- Absolutely no obligation
- No limits on usage
- Executive presentation

Akamai Experience the Edge

Akamai

Experience the Edge