# COLOSSAL

## DDoS ATTACKS ARE THE NEW REALITY

*Defeating DDoS Needs a Precision Strategy*

A10

*Your Secure Application Services Company*

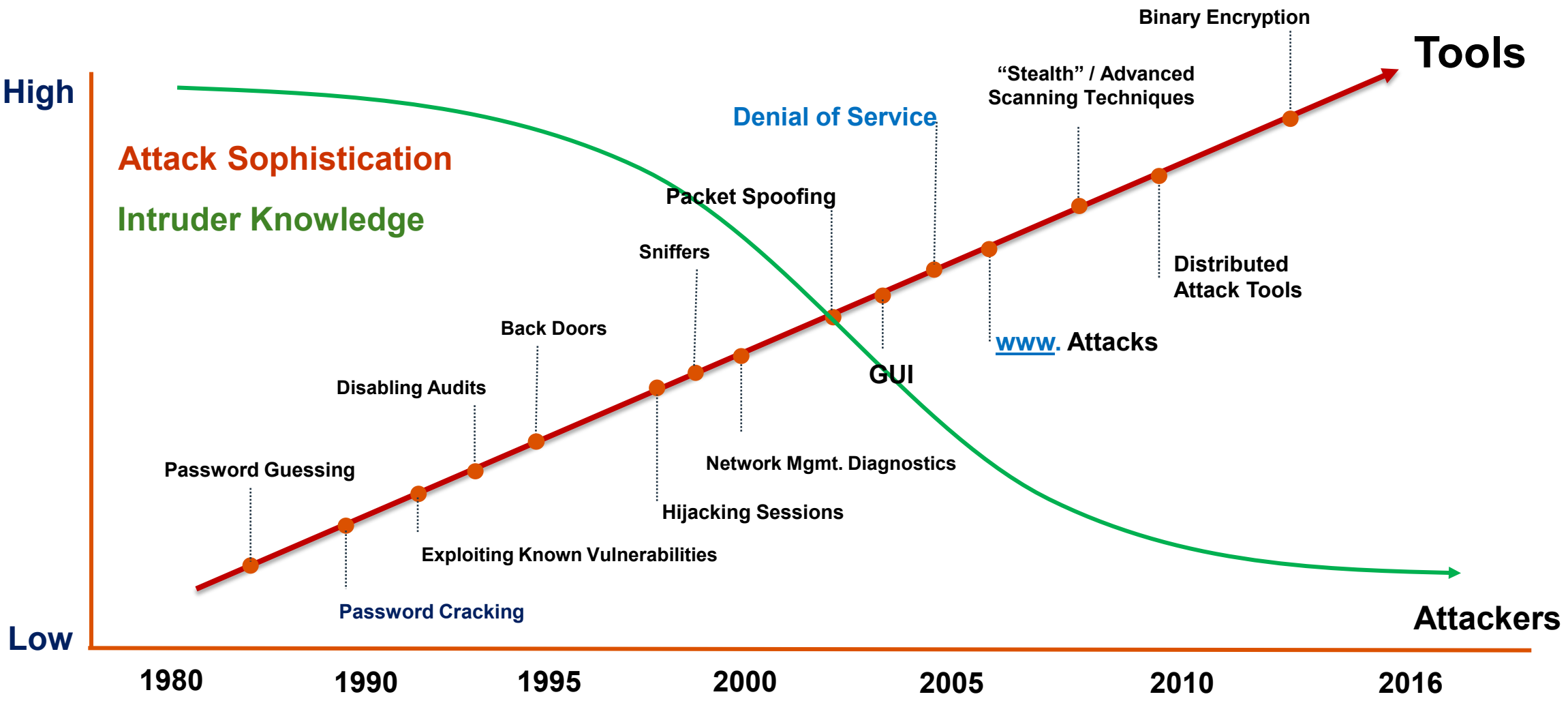
Best of TechEd North America 2014 — Windows IT Pro

Best of TechEd North America 2014 ATTENDEES' CHOICE — Windows IT Pro

INFORMATION SECURITY READERS' CHOICE AWARDS WINNER 2014

Common Criteria

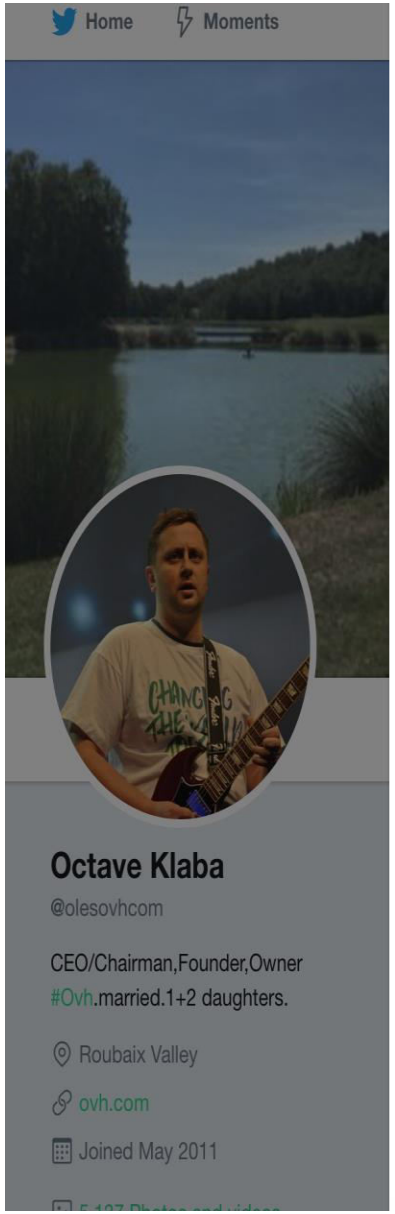
# Attack Tools over Time – Evolved

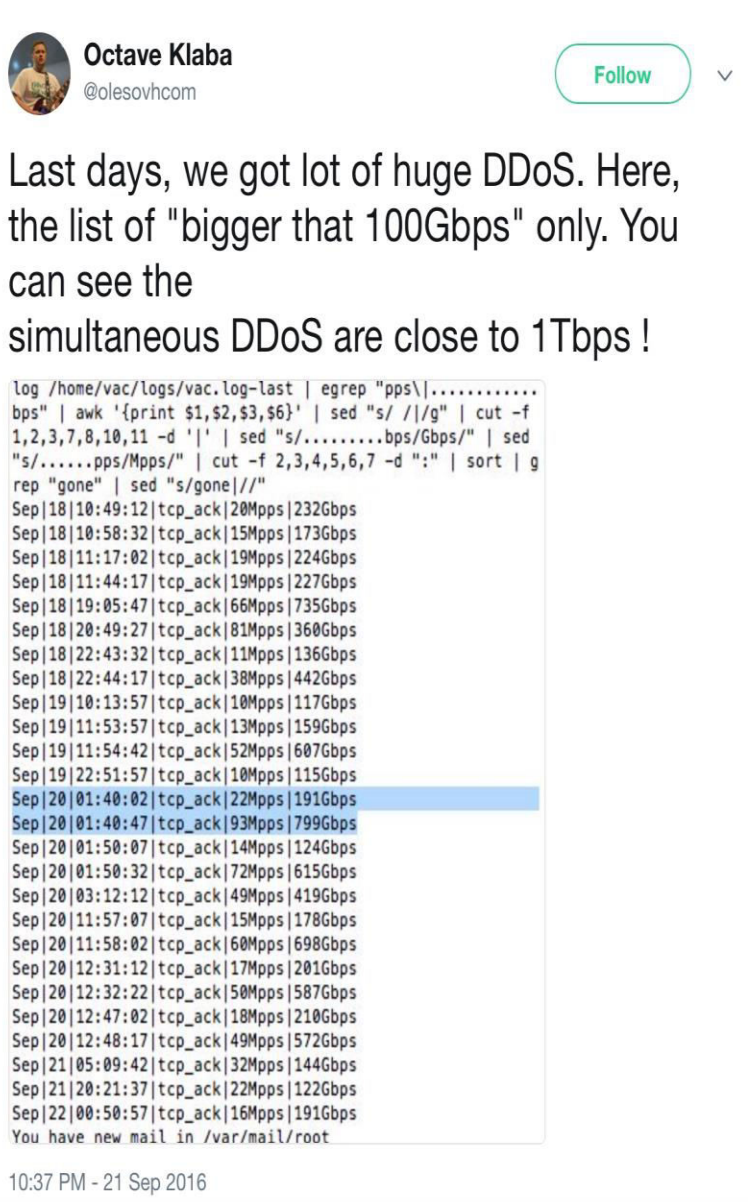


OVH.com

# Hosting Provider OVH Hit by 1 Tbps DDoS Attack

**One of the world's largest hosting companies said:** its systems were hit by distributed denial-of-service (DDoS) attacks that reached nearly one terabit per second (Tbps).





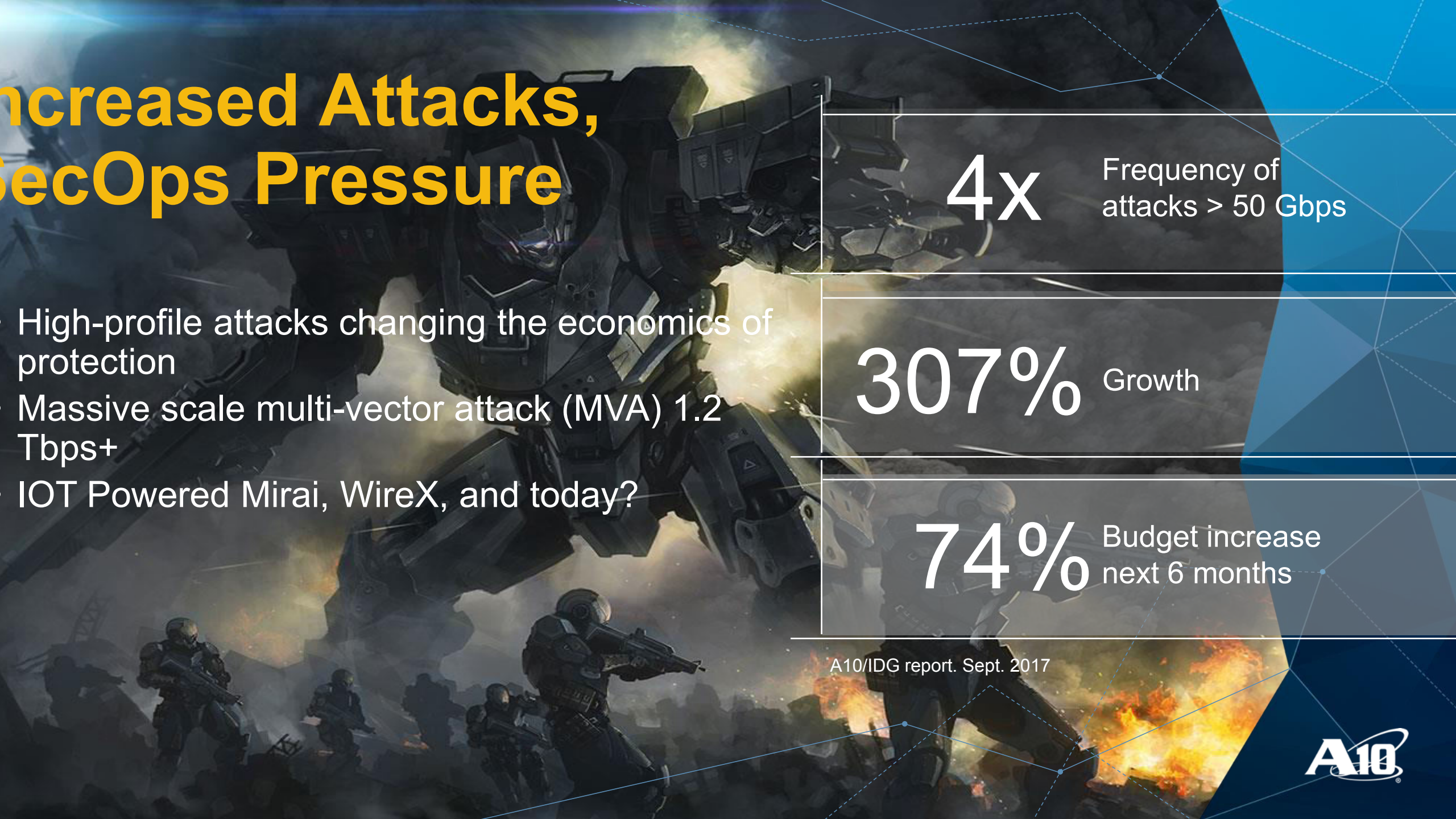

MENA INFORMATION SECURITY CONFERENCE 2017 JTE

A10

# 77%

of respondents agree

"Multi-vector attacks, which include volumetric and application layer attacks, will be most dangerous in the ***future***."



# ncreased Attacks, ecOps Pressure

- High-profile attacks changing the economics of protection
- Massive scale multi-vector attack (MVA) 1.2 Tbps+
- IOT Powered Mirai, WireX, and today?

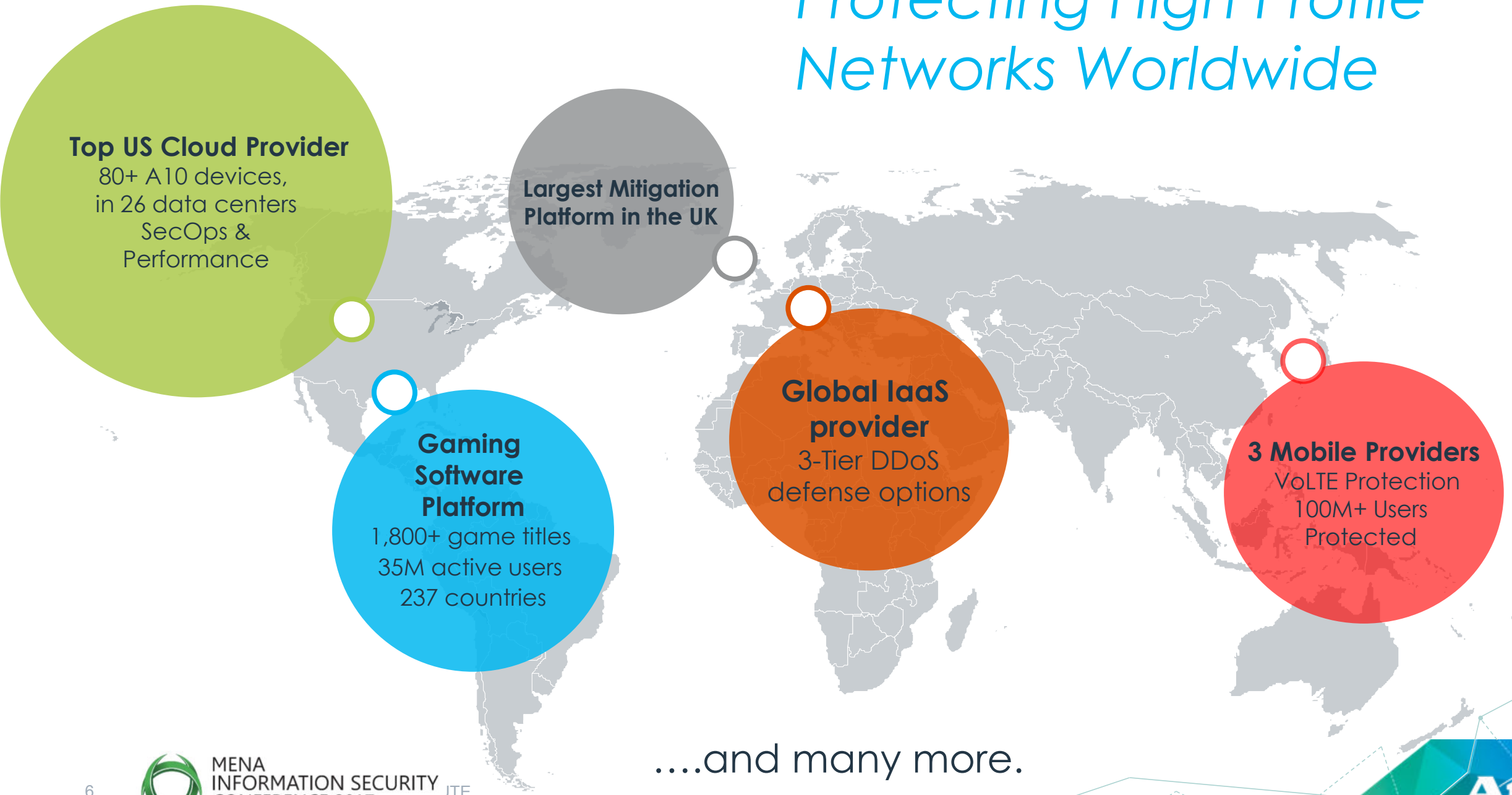
**4x** Frequency of attacks > 50 Gbps

**307%** Growth

**74%** Budget increase next 6 months

A10/IDG report. Sept. 2017

# *Protecting High Profile Networks Worldwide*




....and many more.

# Brawn to Block Multi-Vector DDoS Threats

**Thunder 14045**

(300 Gbps, 440 Mpps)

Highest Mitigation for SP & Giants

**Thunder & vThunder 840**

Turnkey Enterprise & NFV Solutions

**Support w/DSIRT & Threat Intel**

Enhanced Support

# Enhanced Support:
## Support w/DSIRT & Threat Intel

- Augmented 24x7x365 support offering.
- DSIRT (DDoS Security Incident Response Team) support included (**new**).
- Augmented by dynamic A10 Threat Intelligence Service (**now included**)

# Power of Thunder: A10 SYN Cookie vs Competitor SYN Auth

Rack Units

Thunder 14045 TPS
440 Mpps, 3 RU

Competitor
440 Mpps, 66 RU
15x Cost

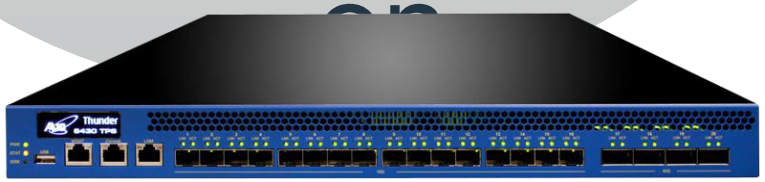
A10

Competitor

# A10 DDoS Product Differentiation

ADC in Data Center: Application ion Protection

TPS in BGP Perimeter: r: Full Network Protection



# A10 Networks Winning Recipe

Strong Technical Team

Multivendor Support and Integration

Thank you