OMNINET®

Questions to Consider:

- ✓ Are you still paying for expensive MPLS or relying on a raw internet connection?
- ✓ What applications do you rely on?
- ✓ Do you expect to adopt more applications for your business?
- ✓ Are you concerned about the rise of cyber breaches and ransomware?
- ✓ Are you subject to any governance such as PCI/HIPAA?

Cybersecurity Analysis:

Traditional Unified Threat Management

- ✓ Scan for less than 5% of known viruses
- ✓ Only scan files < 10MB
- ✓ Block < 25% of known attacks
- ✓ Do not prevent bandwidth pollution
- ✓ No concept of DDOS protection
- ✓ No heuristics or sandboxing
- ✓ Limited application and URL awareness

OmniWAN's Elastic-UTM incorporates full inspection and protection at high performance like no other UTM can.

It blocks all threats and unwanted traffic before it pollutes your bandwidth. It then optimizes and prioritizes the clean traffic, providing "Optimized Clean Internet".

OmniWAN's simple configuration allows AI to apply the best possible protection and optimization with minimal customization.

Security Features	OmniNet	Cloud Based Security & Connectivity			Client Based			Traditional Unified Threat Management		
		Raw Internet	MPLS	zScaler	OpenDNS	Webroot	AVG	Sonicwall	Sophos	CiscoASA
Virus/Malware Protection	Yes	No	Add-on	No	No	Yes	Yes	Yes	Yes	No
Intrusion Prevention	Yes	No	No	Yes	No	No	No	Yes	Yes	Yes
Data Loss Prevention	Yes	No	No	No	No	No	No	Yes	No	No
Web Content Filtering	Yes	No	No	Yes	Yes	No	Yes	Yes	Yes	Yes
Application Control	Yes	No	No	Partial	No	No	Yes	Yes	Yes	No
APT Protection	Yes	No	No	Partial	No	No	Partial	Yes	Yes	No
Security Bypass	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Malicious Activity Alerts	Yes	No	No	Yes	Yes	No	Yes	Yes	Yes	No
C2/Botnet Protection	Yes	No	No	Yes	Partial	No	Yes	Yes	Yes	No
DOS/DDOS	Yes	No	Yes	Yes	No	No	No	No	No	No
Blocking Embargoed Countries	Yes	No	No	Yes	No	No	No	Yes	Yes	No
Assurant Cyber Breach Guarantee	Yes	No	No	No	No	No	No	No	No	No
Simplified Configuration	Yes	Yes	No	No	Yes	Yes	Yes	No	No	No
ISP Privacy Browsing Protection	Yes	No	No	Yes	No	No	No	No	No	No
Inband Full-Stream Inspection	Yes	No	No	Yes	No	No	No	Yes	Yes	No
Clean Circuit/Clean Internet	Yes	No	No	Yes	No	No	No	No	No	No

Updates Per Week

100
Intrusion prevention rules

1.3 Million
New URL ratings

2 Million
New & updated AV definitions

8,000
Hours of threat research globally

Threat Intelligence Database

315
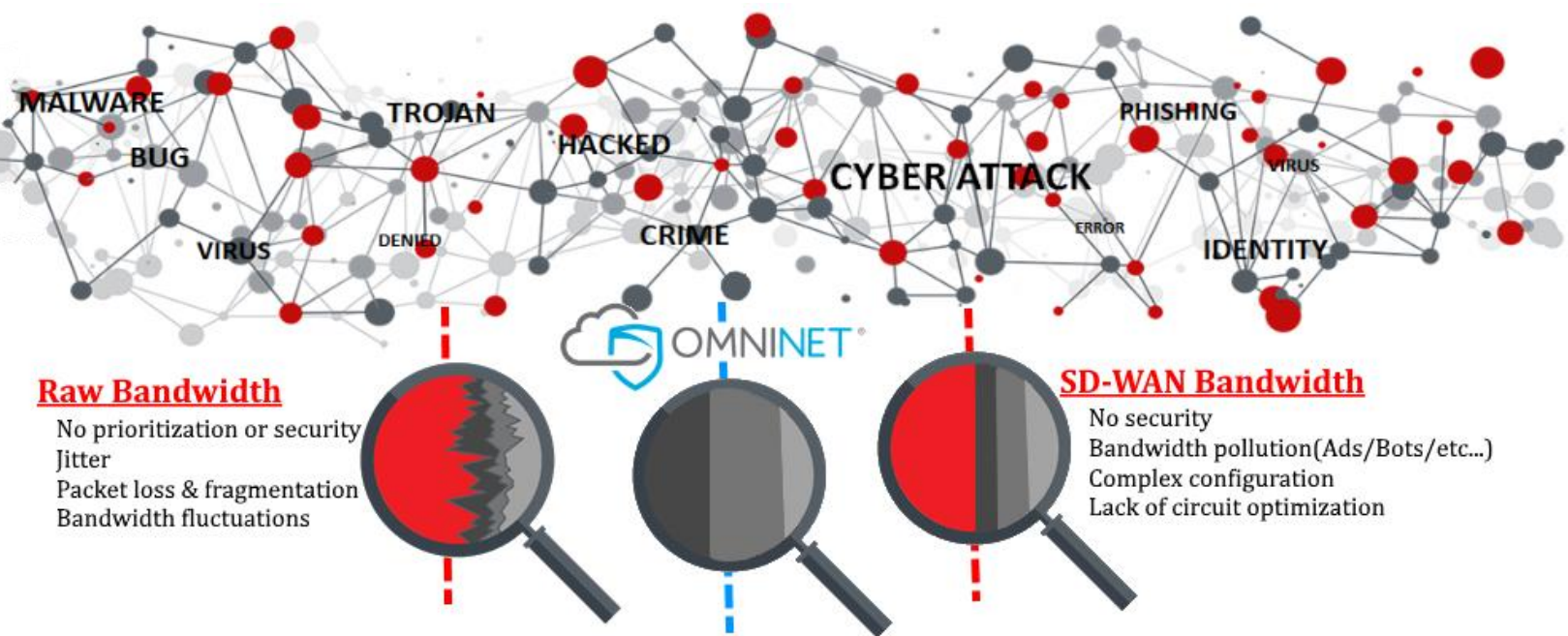Terabytes of threat samples

5,800
Application Control rules

19,000
Intrusion Prevention rules

350 Million
Rated websites in 78 categories

Raw Bandwidth

No prioritization or security
Jitter
Packet loss & fragmentation
Bandwidth fluctuations

SD-WAN Bandwidth

No security
Bandwidth pollution(Ads/Bots/etc...)
Complex configuration
Lack of circuit optimization

Questions to Consider:

- ✓ Do you often feel your applications and communications are not running at their optimal?
- ✓ Are you paying for an expensive MPLS connection?
- ✓ Do you have a second internet connection from a separate provider to prevent any outages?
- ✓ Are you sacrificing bandwidth to compensate for internal networking needs such as a guest Wi-Fi?
- ✓ Do you experience poor quality when presenting or speaking on the phone?
- ✓ Would you like a reliable and secure foundation of connectivity?
- ✓ When was the last time you researched the cost savings and technology that SD-WAN can provide for you?
- ✓ Is your internet bandwidth being polluted with advertisements, bots, ads, and other unwanted data?

Connectivity Analysis:

Stand Alone SD-WAN

- ✓ Does not have native security
- ✓ Are very expensive and priced by bandwidth
- ✓ Difficult to configure properly to fit application needs
- ✓ Prioritizes bandwidth pollution such as bots, ads, etc...

Raw Internet

- ✓ No cybersecurity whatsoever
- ✓ Only purpose is to deliver data from point A to point B
- ✓ No prioritization of data and business applications
- ✓ Loses quality due to jitter and packet loss

MPLS

- ✓ Very expensive
- ✓ Cybersecurity add-ons are also very expensive
- ✓ Closed circuits for protection against outside world
- ✓ Limited availability based on location

Connectivity	OmniNet	Internet		SD-WAN	
		Raw Internet	MPLS	Big Leaf	VeloCloud
Cost	$	$	$$$	$$	$$
All-In-One SDWAN/Security	Yes	No	Add-on	No	No
QOS(Quality of Service)	Yes	No	No	Yes	Yes
Traffic Prioritization	Yes	No	No	Yes	Yes
Optimized Internet Performance	Yes	No	Yes	Yes	Yes
Packet Level Link Balancing	Yes	No	No	Yes	Yes
Bandwidth Stacking	Yes	No	No	Yes	Yes
Failover Circuit	Yes	No	No	Yes	Yes
Jitter and Packet Loss Control	Yes	No	No	Yes	Yes
Dynamic Adaptation	Yes	No	No	Yes	Yes
Simple Configuration	Yes	Yes	No	No	No
Block Bandwidth Pollution	Yes	No	No	No	No
Multi-site Interconnectivity	Yes	No	Yes	No	Yes
Static IP	Yes	Yes	Yes	Required	No
Multiple IP Addresses	Yes	Yes	Yes	Yes	Yes
High Availability	Yes	No	No	Yes	Yes
Priced by Bandwidth	No	Yes	Yes	Yes	Yes