

Roadmap

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Network Security Vision

Provide deep security without compromising network performance



Firewalls

Scan every byte
of network traffic, including
SSL encrypted



Secure Mobile Access

Policy enforced mobile
access



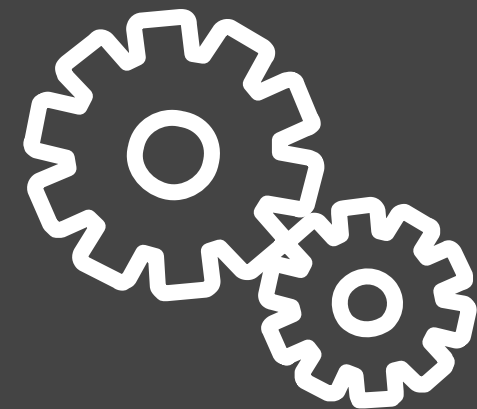
Email Security

Most secure URL, spam and
phishing protection



Dell Network Security Product Roadmap Strategy

Enhance Core Competencies



**Threat Prevention effectiveness
at speed without file size constraints**

**Massively Scalable Architecture for
Deep Packet Inspection**

Security Service Integration



**Logically extend the gateway as
the center of value by adding software
and subscriptions through direct and
indirect integration**

Differentiation Through Connected Security



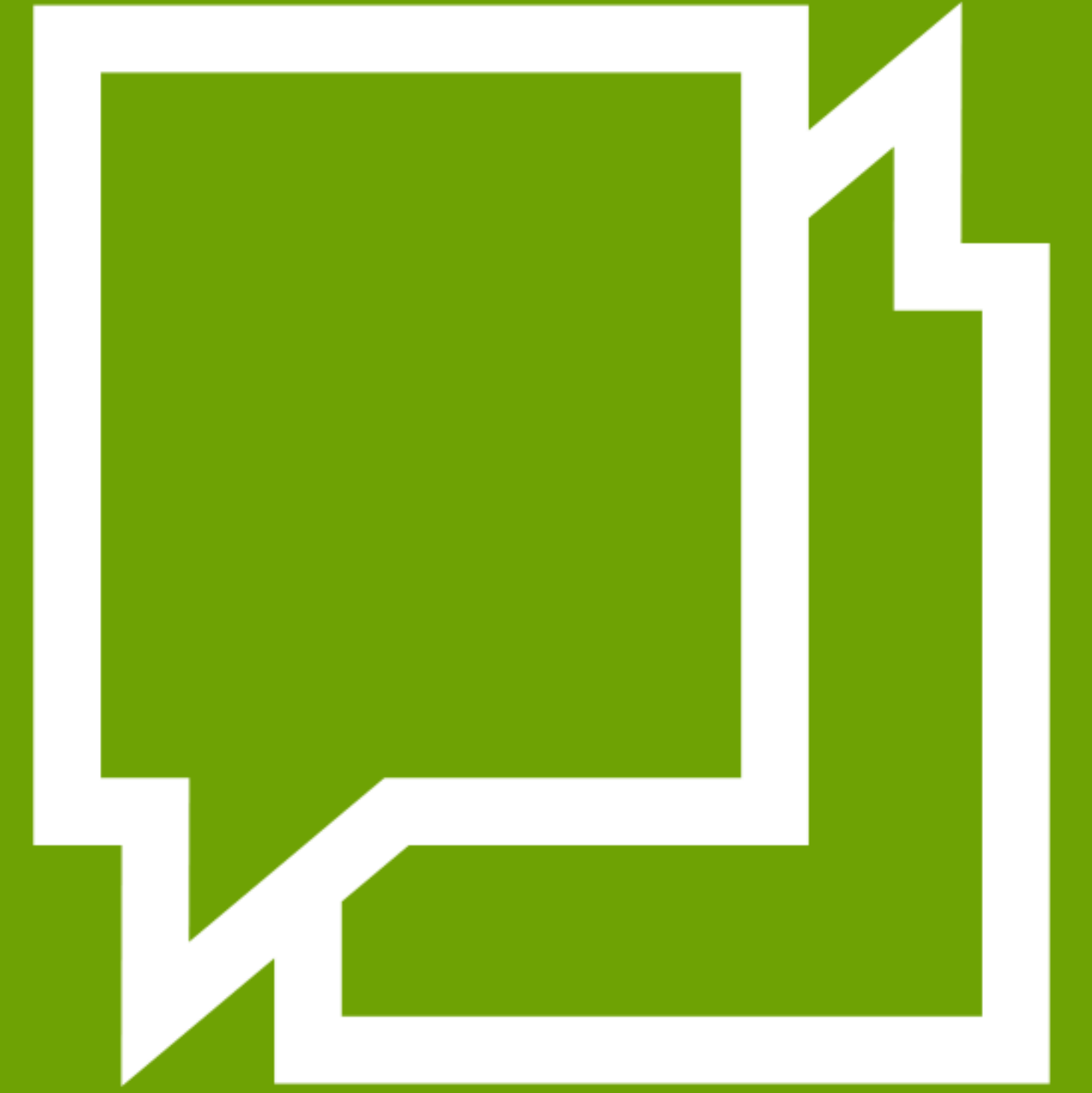
**Intra-Dell & external partnerships
where exchanging contextual
information yields a superior
security result**



What We've Done Recently



Email Security Update



Integrated Email Encryption Service

1

Integrated Management

Single management
pane for email security
& encryption service

2

Secure exchange

Secure exchange of email
without additional software
download

3

Re-branding and customize

Re-brand and
customize user experience

4

Auditing and reporting

Audit and report on secure
email delivery and meet
compliance goals

5

Mobile ready

Secure exchange of email
using mobile optimized
interface



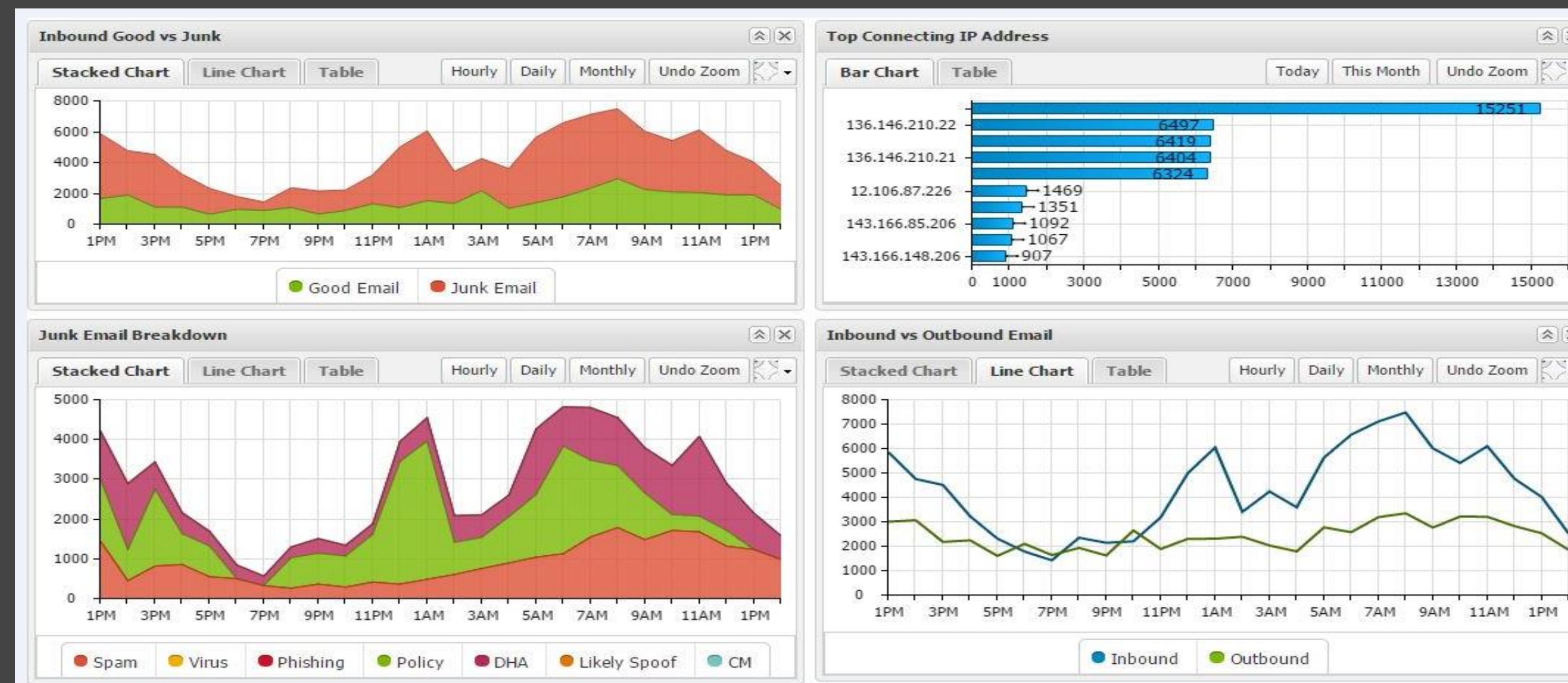
Brand Protection with DMARC: First to Market for an Email Security Solution



With DMARC

- ✓ **Visibility – finally I can see**
- ✓ **I can take action**
- ✓ **I can align everything to the known and shrink the unknown**

Email Security On-Premise/Hosted: Real-time Dashboard



“Recent improvements include a new HTML 5 based user interface with drag and drop functionality and customizable dashboards”

— Gartner 2015



Hosted Email Security New Features and Re-launch

1

**Real-time
dashboards**

**Fully configurable,
drag and drop,
PDF download, etc.**

2

**Compliance
module**

**Now includes the
entire email
compliance module**

3

**Brand
protection**

**First to offer DMARC in
an email security solution**



4

**More
multi-tenant**

**New configurable DHA, Zombie
and flood protection options**

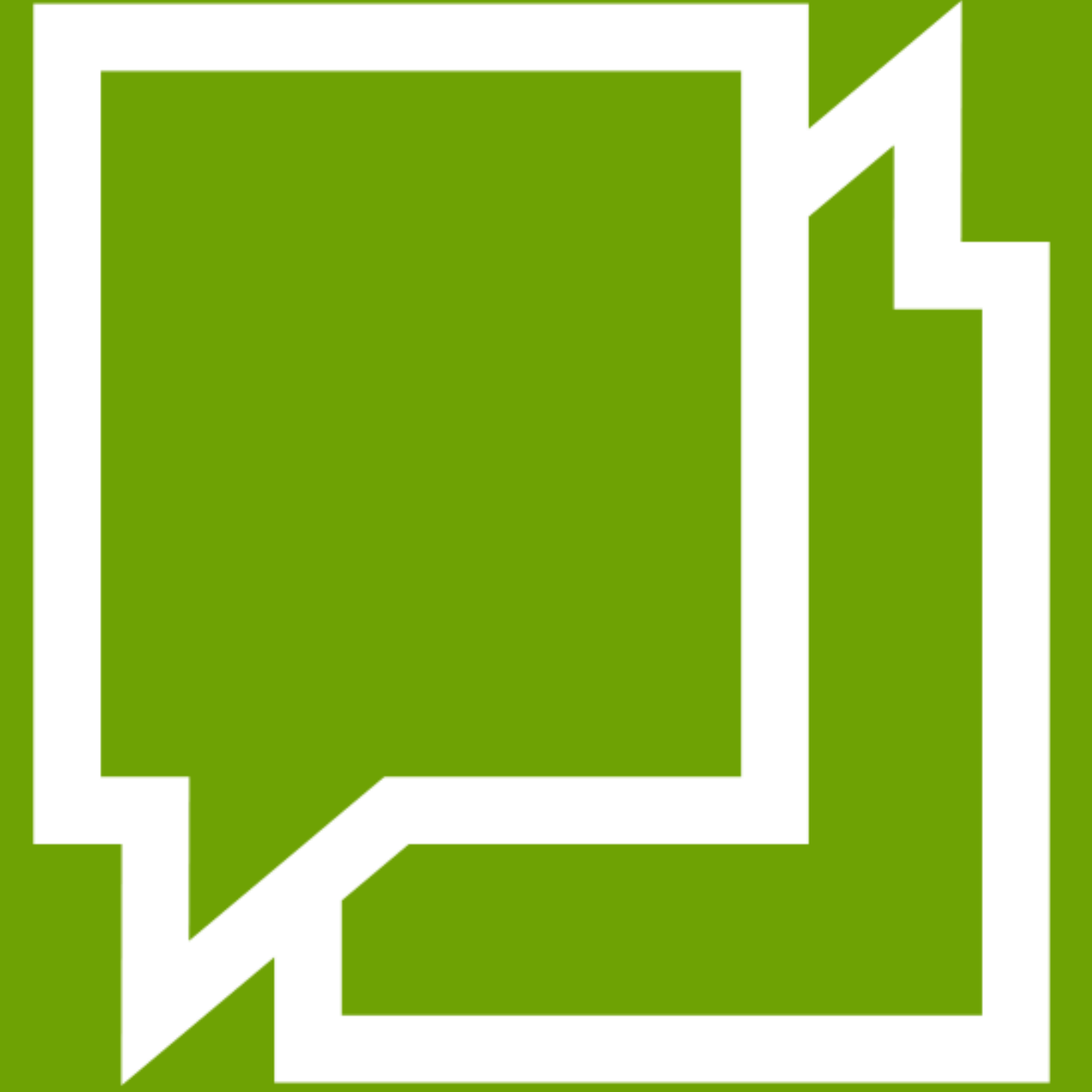
5

**Email
encryption**

**Mobile ready integrated email
encryption service as an add-
on options**



GMS Update



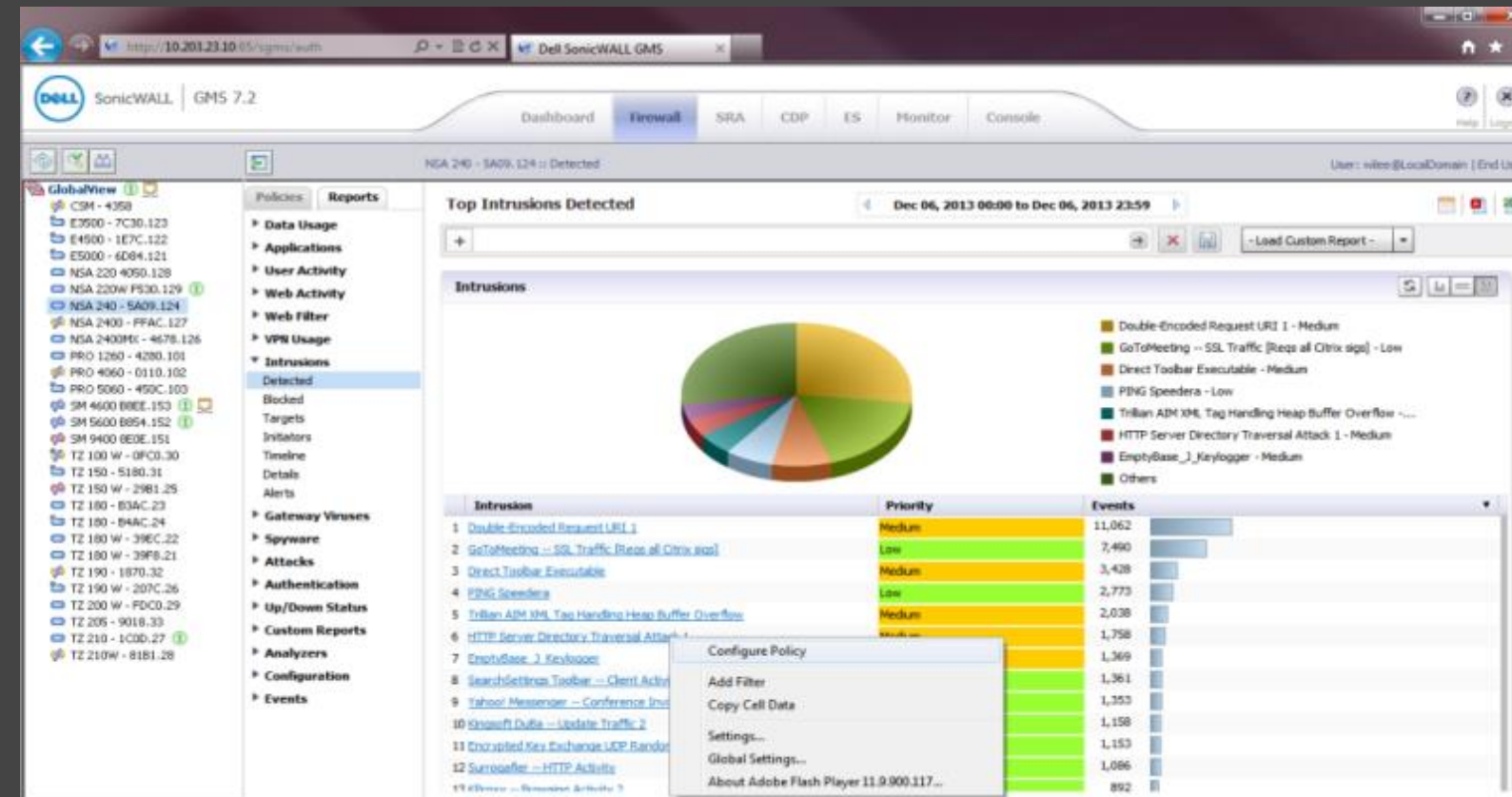
GMS 7.2

User Interface Enhancements

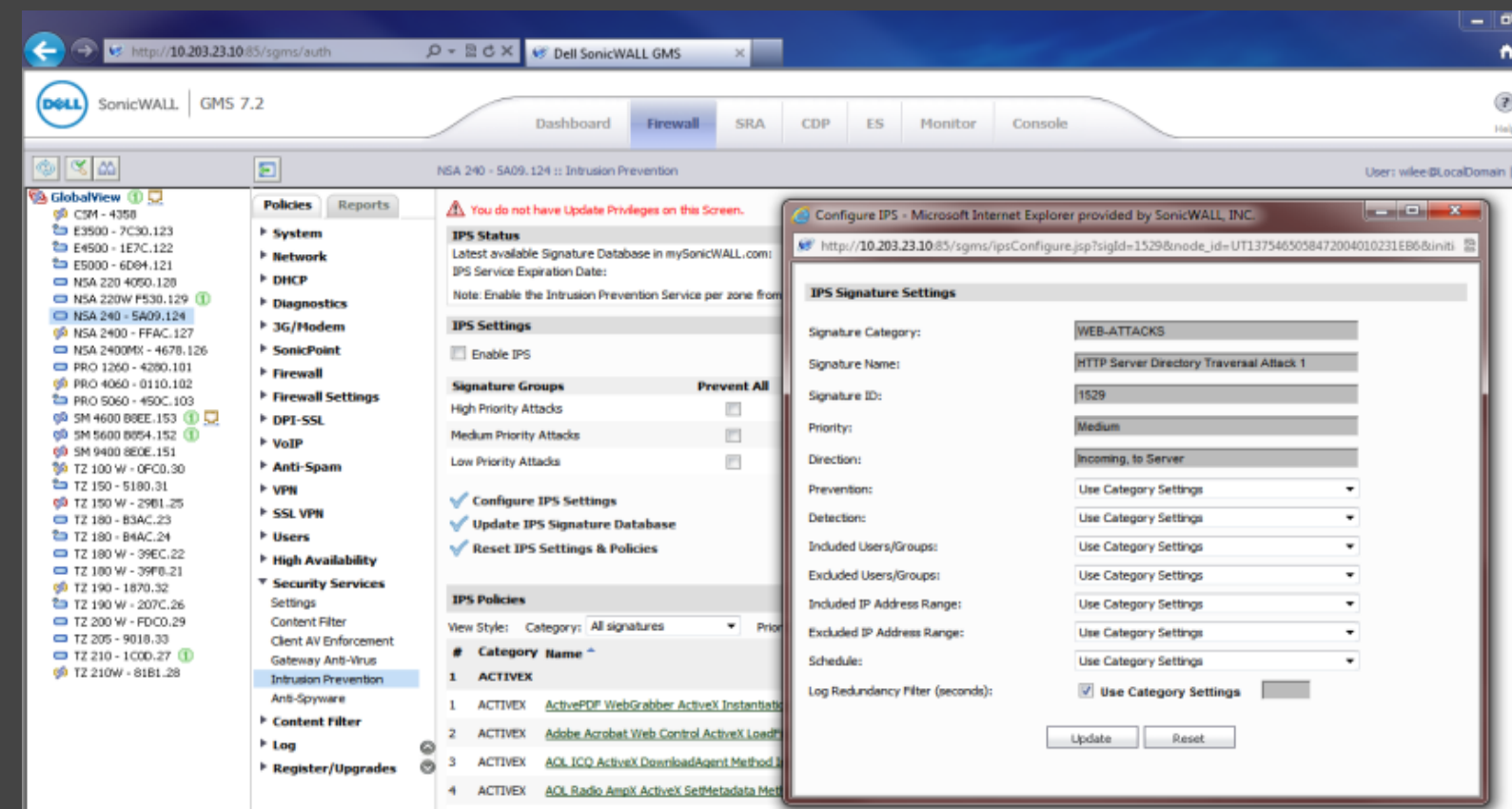
Reporting Enhancements

SonicOS and IPv6 Support

Performance Enhancements



Federated Management & Reporting: Reports Panel



Federated Management & Reporting: Policy Panel



GMS 8.0: Workflow, New Reports, Higher Performance, & More

Downloading next week: GMS 8.0 contains over 1200 improvements

Loved by the MSP

Ready for the enterprise

Eliminate policy management errors with workflow



New reports: HIPAA, SOX, MAC, Botnet, Geo-IP

68
pre-defined reports



Higher security and performance :

- Secure HTML5 user interface
- New reporting engine architecture—our highest-performing engine ever

Did you know:

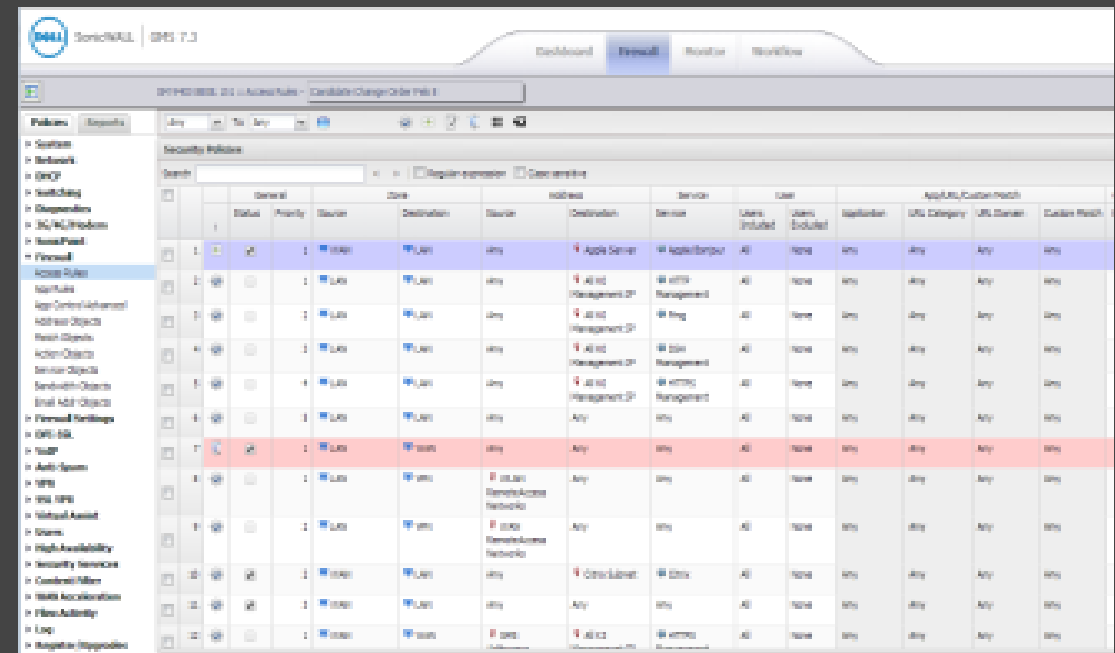
- GMS is the most scalable central management system in the industry
- GMS includes multi-tenancy & high availability in every system
- GMS leverages sales of more firewalls



GMS 8.0 Workflow: Four Steps to Error-free Policy Management

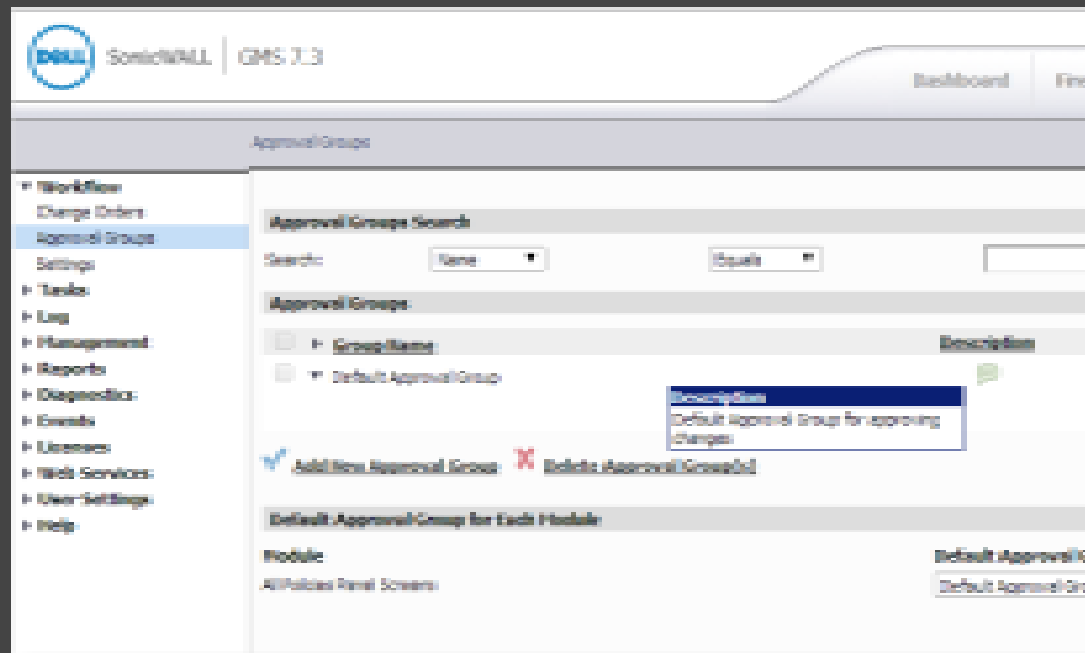
1. Integrated Management

GMS configures policy change orders and color-codes them for clear comparisons



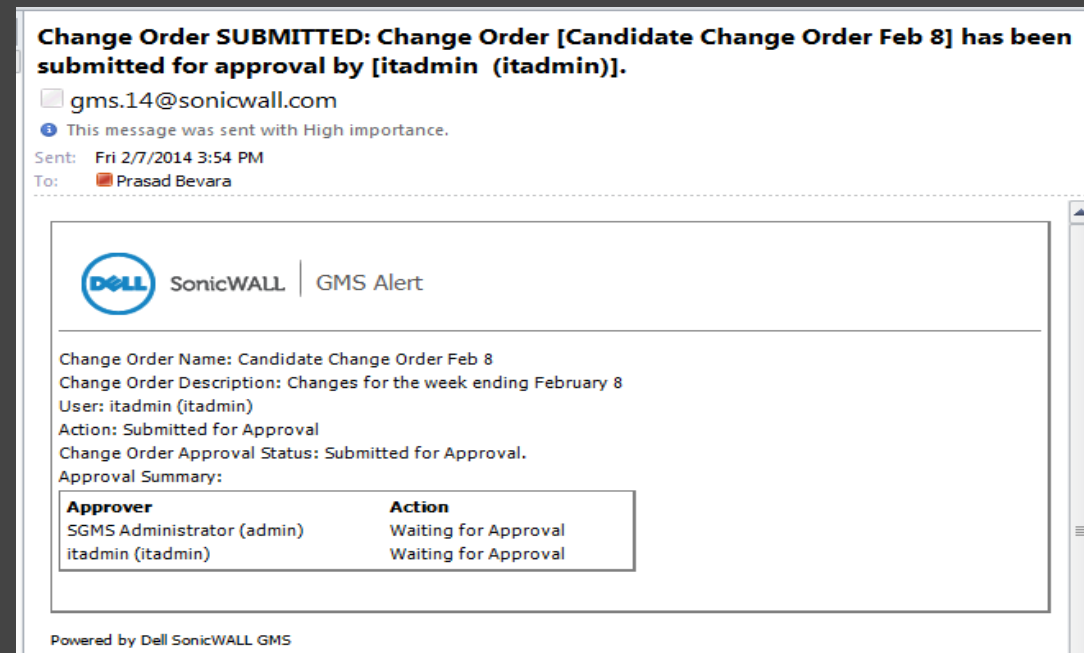
2. Validate

GMS performs an integrity validation of the policy's logic



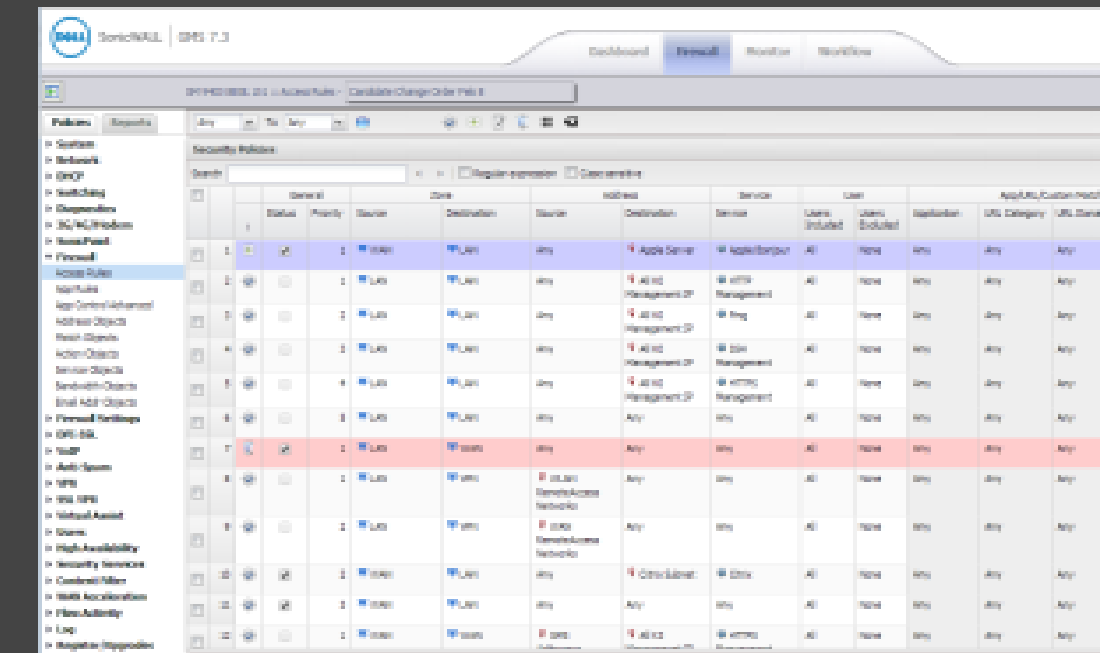
3. Review & Approve

GMS emails reviewers and logs a (dis)approval audit trail of the policy



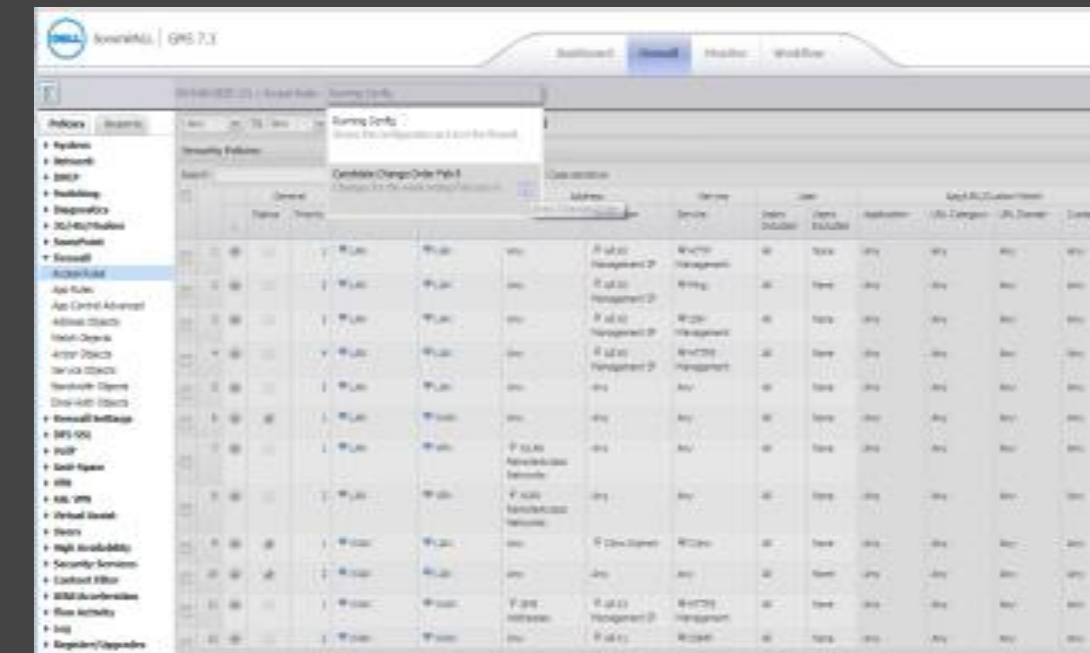
4. Deploy

GMS deploys the policy changes immediately or on a schedule

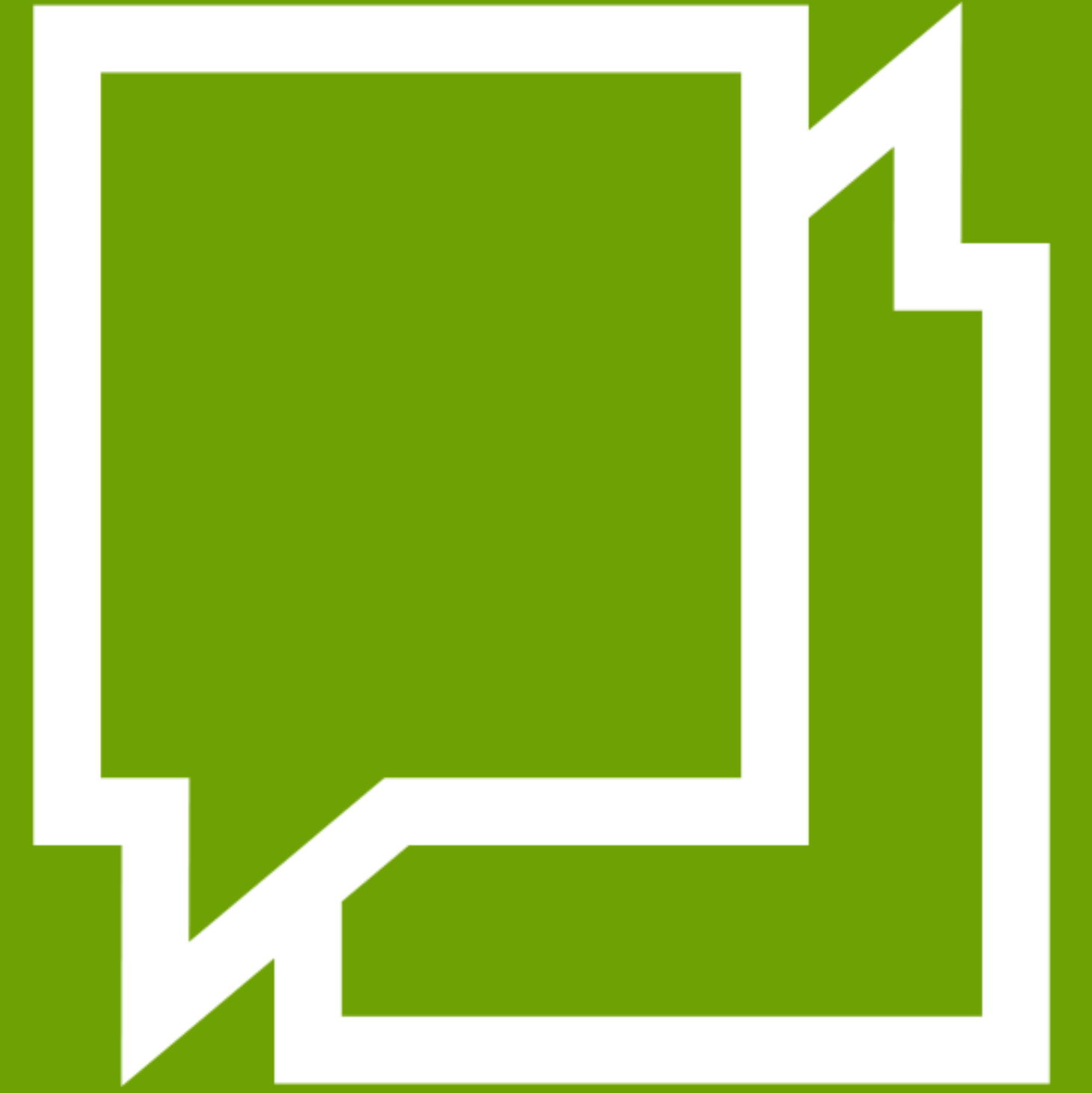


Audit

The change logs enable accurate policy auditing & precise compliance data



Secure Mobile Access Update



Secure Mobile Access

1

**App access
control**

**Per App VPN
With fine grain app access
control for
iOS and Android**

2

**EMM
integration**

**Integrated support with
leading EMM vendors
AW, MI DMM & DMW**

3

**Clientless
HTML5 access**

**True zero day support for new
device/OS through HTML5
RDP, ICA, SSH, telnet, VNC**

4

**More
secure**

**Local IP bind
SAML
Constrained Delegation
Client cert**

5

**Client
compatibility**

**New hardware
8x more sessions
Enabling more user devices at
greater bandwidth**

WAN Acceleration



WXA New Features

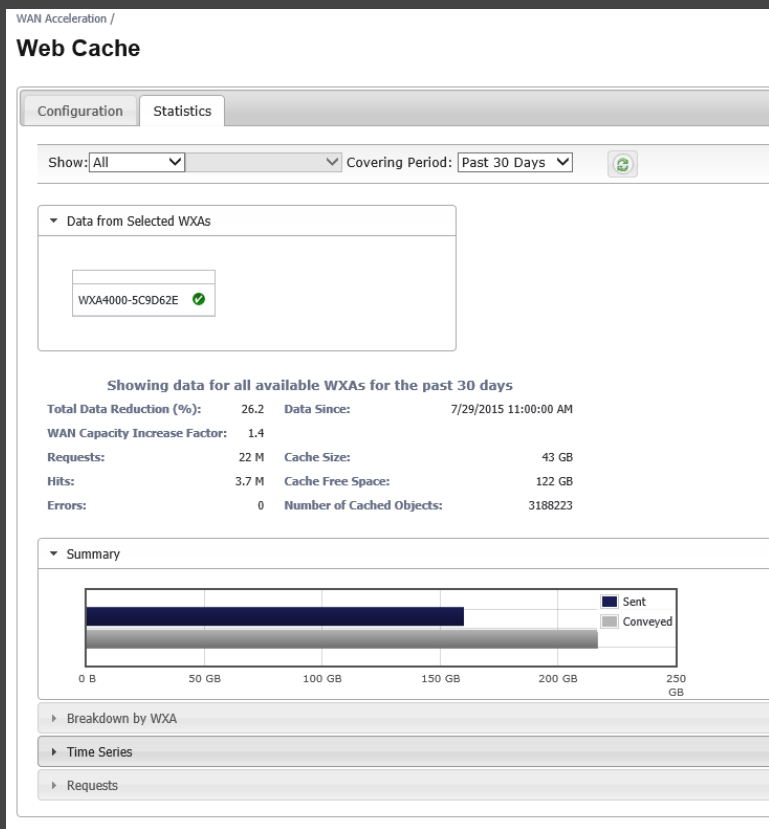
WXA 6000

Increased WAN
Acceleration capacity



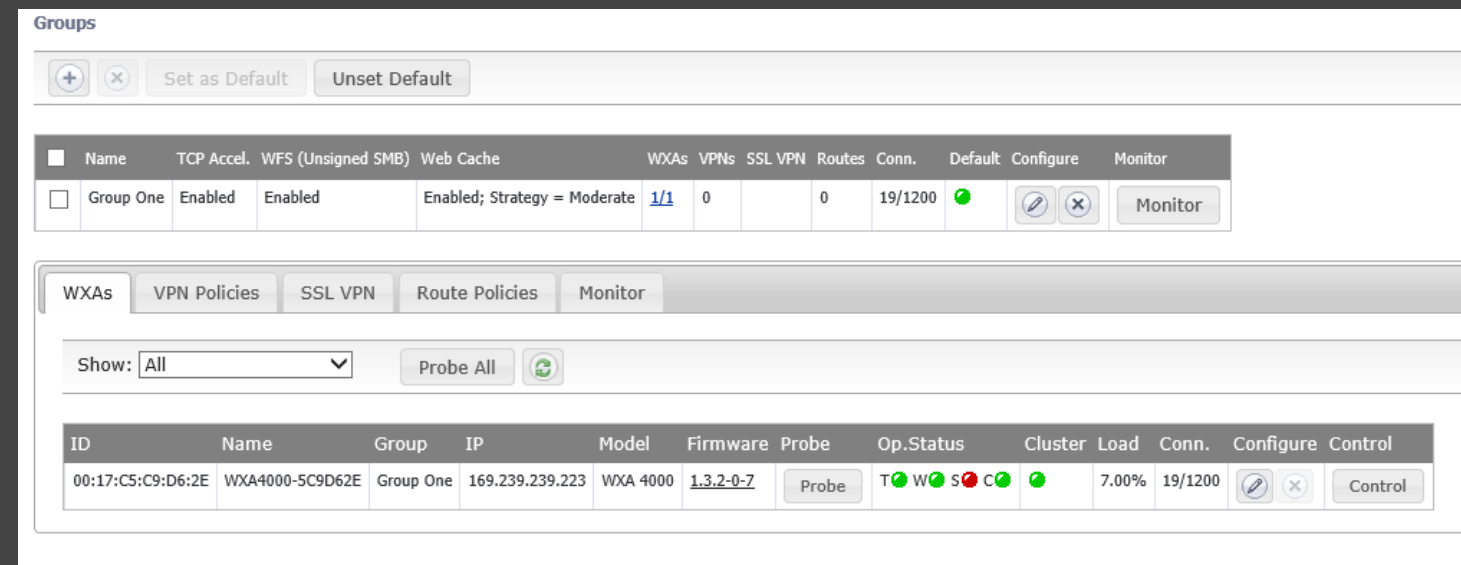
Web Caching

Decrease Internet traffic by
25% or more



WXA Clustering

Unlimited scale
and redundancy



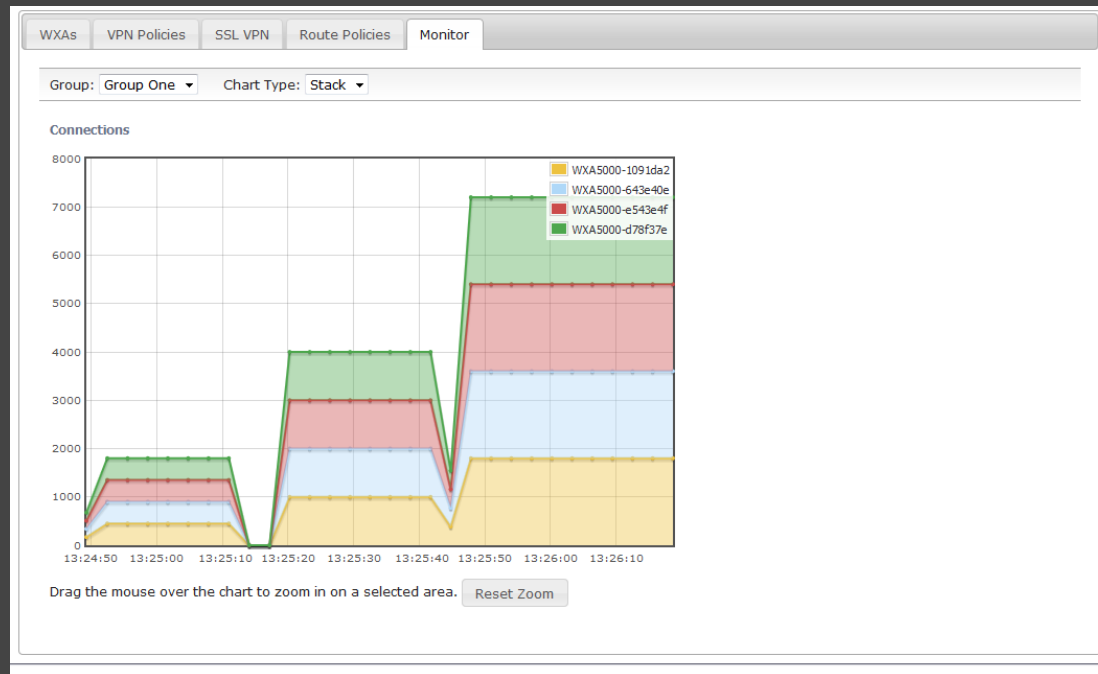
Hyper-v support

Virtual deployment flexibility

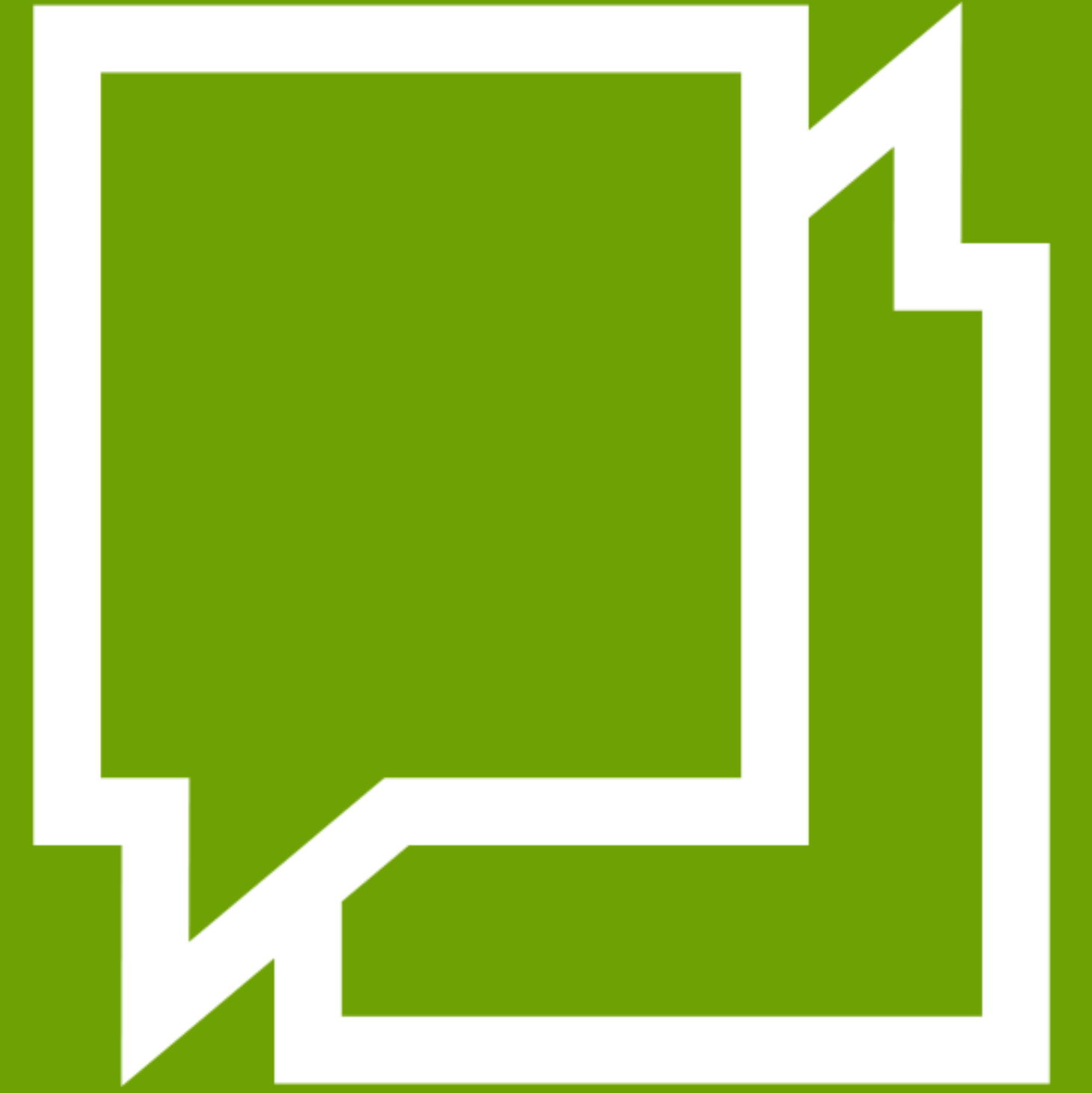


Improved reporting

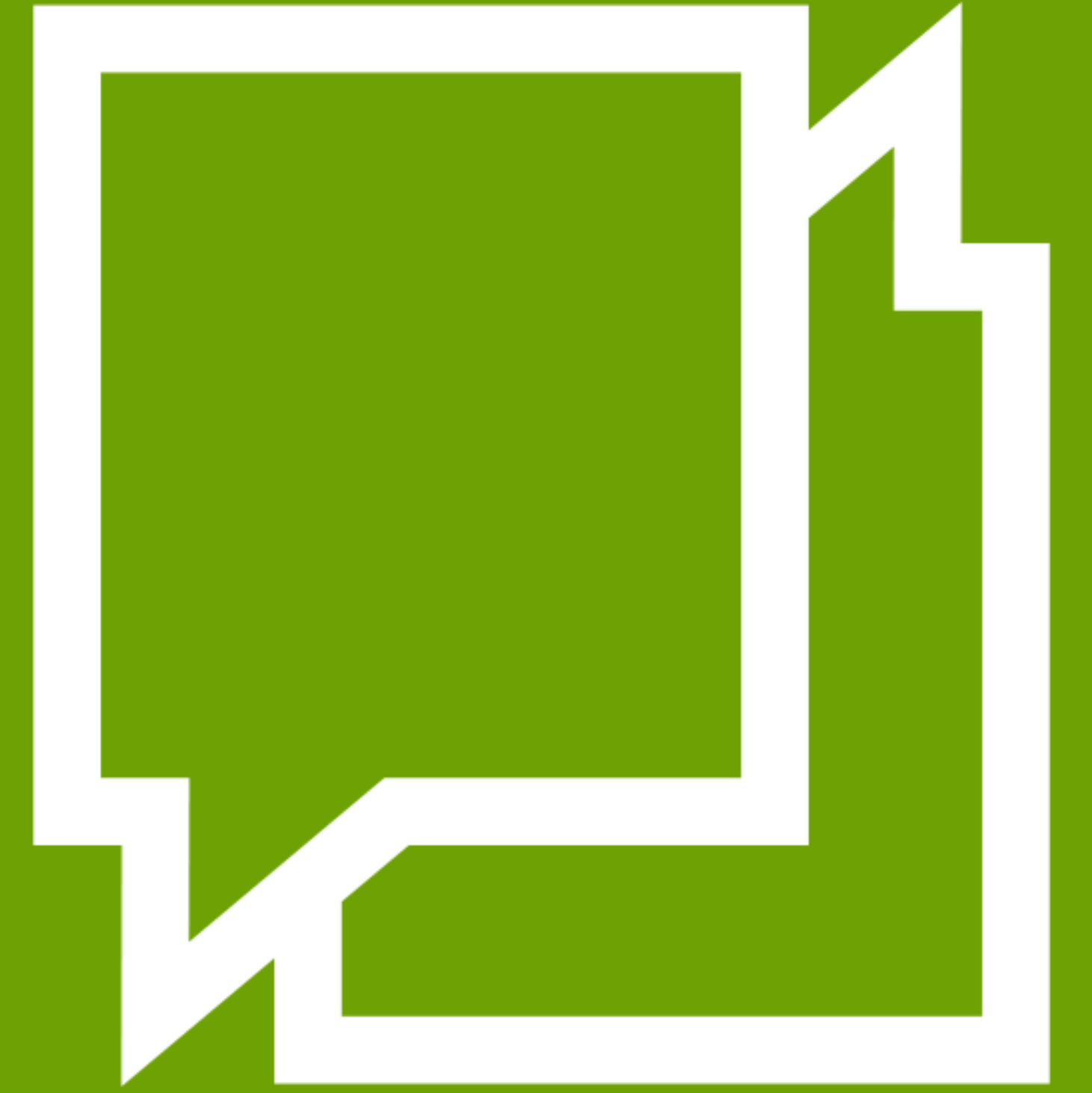
Generate PDF reports
on bandwidth savings



“Quiz”



Answer: 59,288



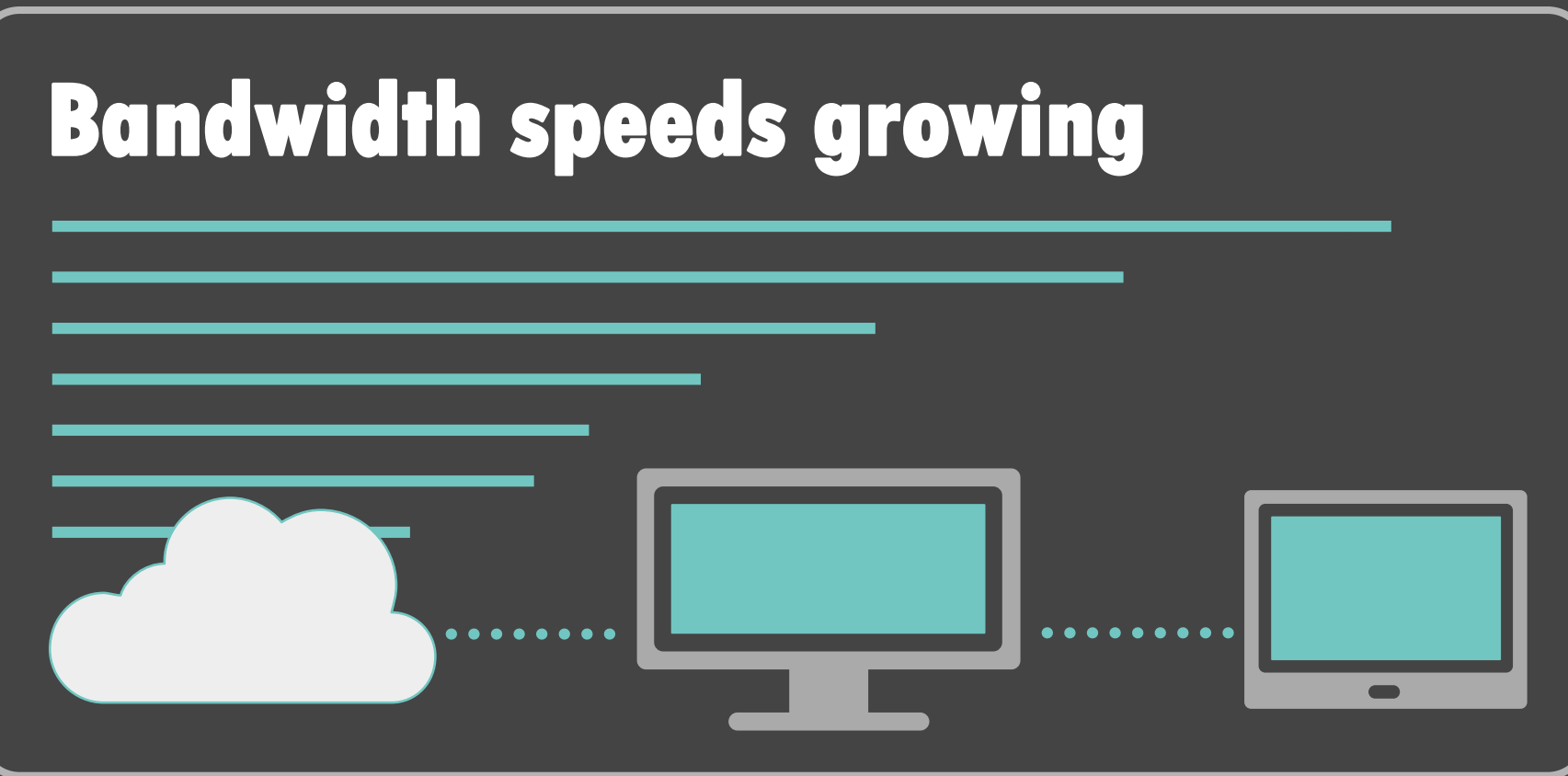
QUESTION

***How many new TZs
did we ship?***



A RECORD Quarter!!!





50Mbps
100 Mbp
200 Mbps
1 Gigabit



2.4Ghz congestion
Multiple devices per person
Streaming media



Sandboxing
More SSL decryption
More traffic



DPI SSL

**SCALABILITY
ENHANCEMENTS**



**APPLICATION
VISUALIZATION**

**GEO-IP &
BOTNET FILTERS**

And More in SonicOS6.2.x



DPI Connection Count Increase



SonicWALL TZ600
(125,000)

↑ **95%**



SonicWALL TZ500
(100,000)

↑ **215%**



SonicWALL TZ400
(90,000)

↑ **90%**



SonicWALL TZ300
(50,000)

↑ **320%**



SonicWALL SOHO
(10,000)

↑ **25%**



SSL VPN Sessions Increase



SonicWALL TZ600



SonicWALL TZ500



SonicWALL TZ400



SonicWALL TZ300



SonicWALL SOHO

SonicPoints Supported Increase



SonicWALL TZ600

(200)



SonicWALL TZ500

(150)



SonicWALL TZ400

(100)



SonicWALL TZ300

(50)



SonicWALL SOHO

(10)





67%
Faster DPI
performance
than Fortinet
FortiGate 100D

802.11ac
Wireless offered
unlike Fortinet's
FG30D/60D/
90DFG92D

60%
Cheaper 3Yr TCO
with TZ400 vs.
Cisco ASA5506-X
with firepower
services

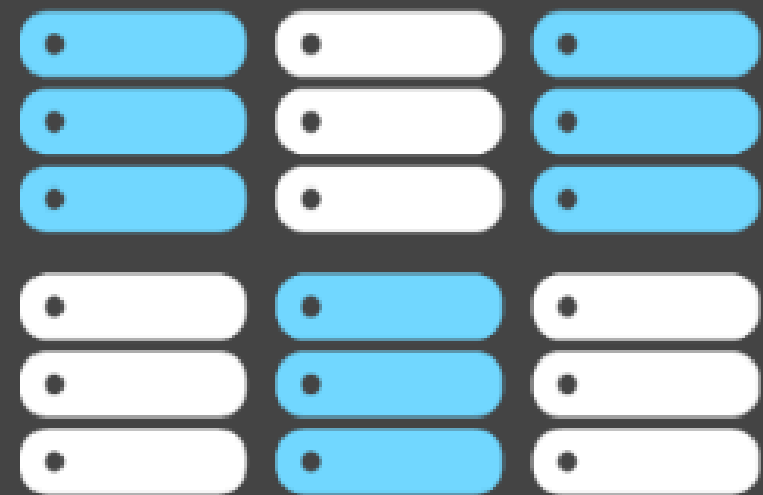
50%
Higher GAV
throughput with
TZ300 than the
CheckPoint 640,
1120 appliances

3X
Better IPS
performance with
TZ400 than
WatchGuard
XTM33



SonicOS Development

Multi-tenancy



Sandboxing





Configuration Auditing

SIP TCP Support

OUI Support

Multi-LDAP

FQDN-based Route

PPPoE Unnumbered

DPI SSL Scalability

DPI SSH

HA Firmware Update

HA PPPoE

HA Stateful DHCP

SSL Control in DP

Wireless Capture

VPN Mode Config

Wakeup on LAN

CFS4.0

31 Bit Network Support

Password Content Override

Sub-Domain Allow/Forbid

Centralized Configuration

Wildcard Support for URL Matching

CFS Exclusions for DPI SSL

Custom Category Based on Domains



IPv6 MLD

IPv6 MIB

NAT64

6to4 VPN

IPv6 GMS AppFlow Server

IPv6 Visualization Report

IPv6 Network Monitor

IPv6 MAC Address Object

IPv6 FQDN Address Object

IPv6 Active/Active UTM DPI

IPv6 Active/Active

Clustering

DS-Lite

WLB IPv6

SSH IPv6

IPv6 Wireless Guest Service

NTPv6

IPv6 Flood Protection

IPv6 Mac Spoof

IPv4/IPv6 One Pass Authentication

IPv6 DPISSL

IPv6 GeoIP

Future of WAN Optimization

HTTPS caching

Decrease internet traffic usage
for SaaS based apps



New WXA Hardware

Increased capacity and
performance



UDP Acceleration

Improved performance for
UDP traffic



Wireless



Wave 2 SonicPoints

Power Management

**Dynamically control
power and channel**

Wireless Meshing

**Back haul traffic over
the wireless network**

SMB Innovations

PCI Targeted High End TZ

with Dual Radios



High End Evolution

SuperMassive 12000

