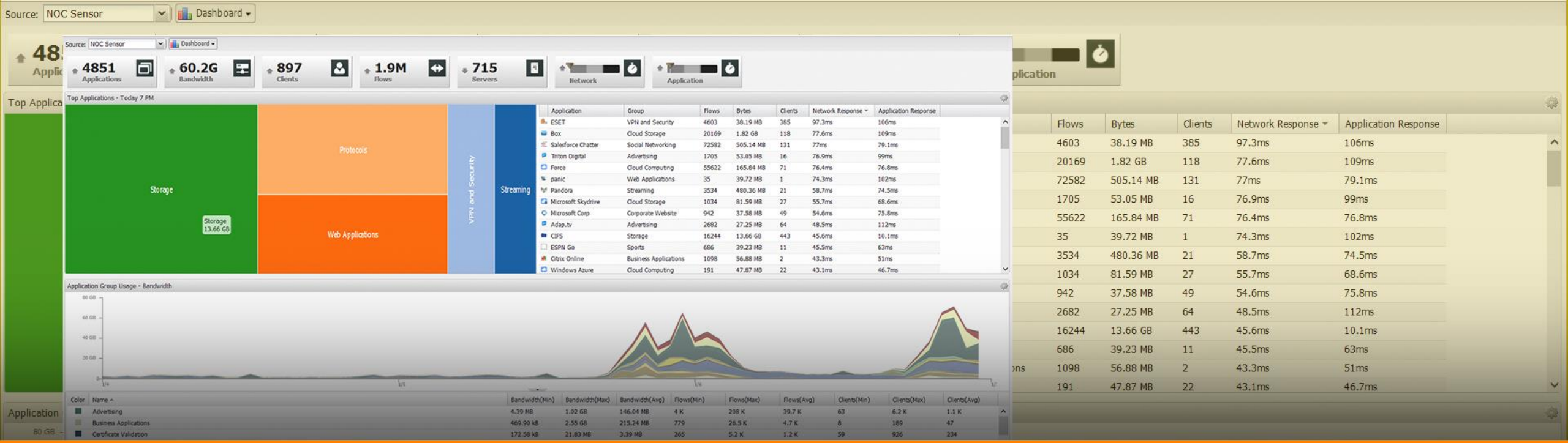


Purview

Network-powered application analytics and optimization solution that captures and analyzes context-based application traffic to deliver meaningful intelligence

Extreme networks

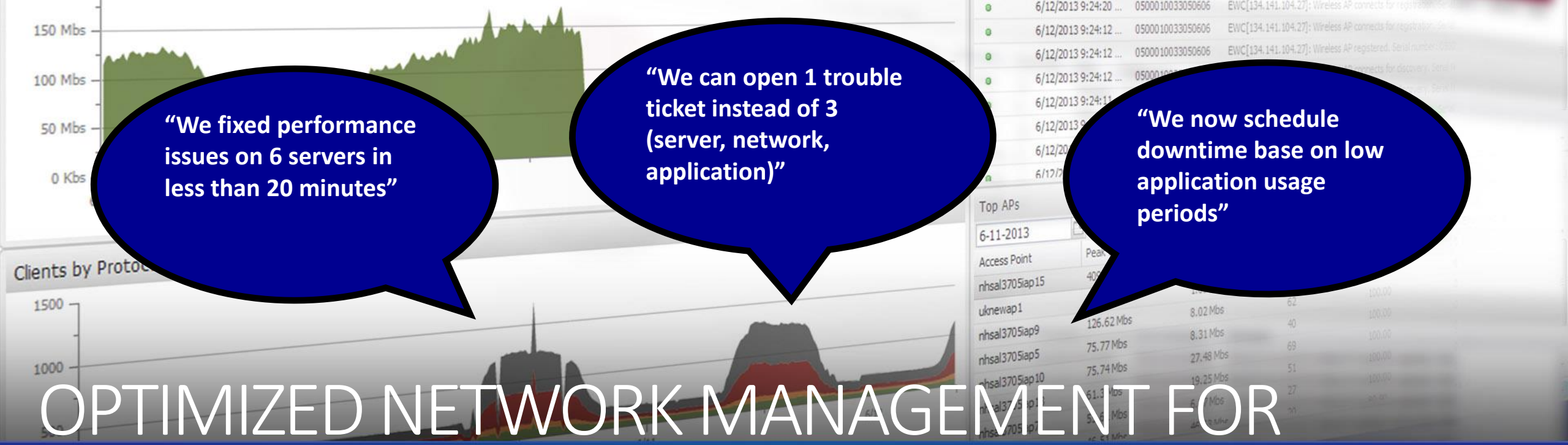
BUSINESS ANALYTICS

Measure strategic applications to assure adoption and productivity

Understand application usage to increase revenue

Profile users or groups for coaching and mentoring, in ANY line of business

Transform unknown or unrelated info into meaningful business intelligence



OPTIMIZED NETWORK MANAGEMENT FOR BETTER USER EXPERIENCE

Optimize network and server architecture for bandwidth-hungry applications

Streamline troubleshooting through application and network performance visibility

IT business planning for better scheduled maintenance & improved productivity

OPTIMIZED NETWORK MANAGEMENT FOR BETTER SECURITY

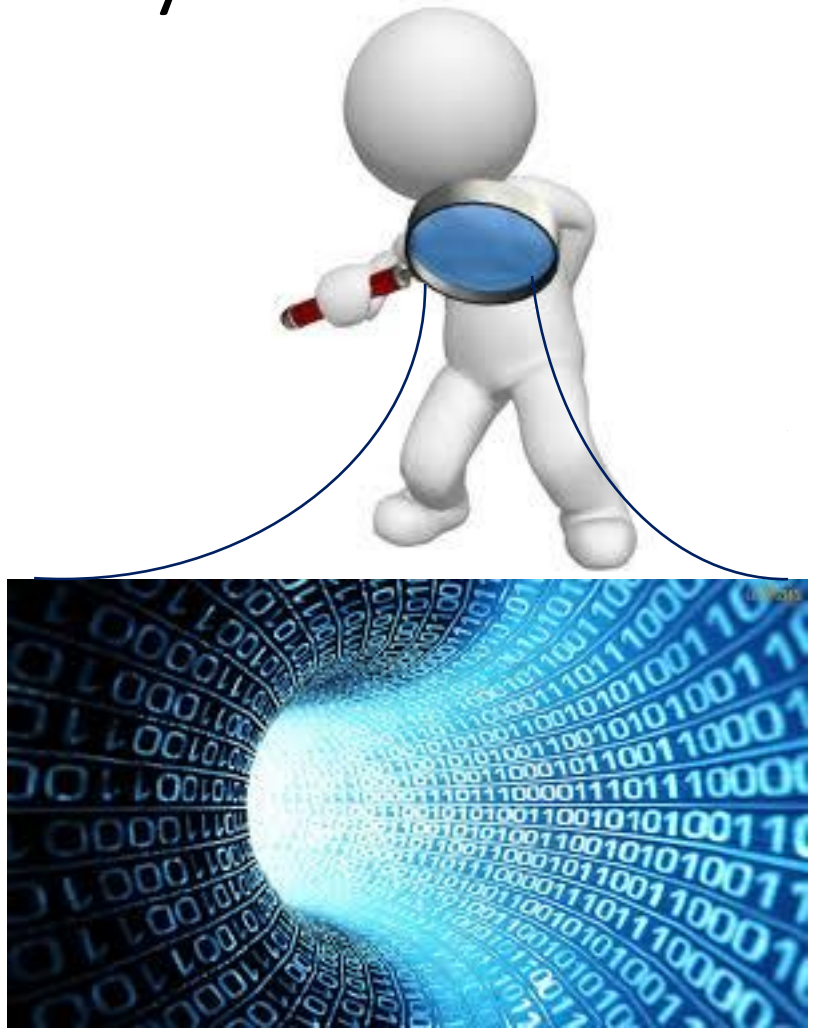
Understand shadow IT or unapproved applications

Help assure security compliance

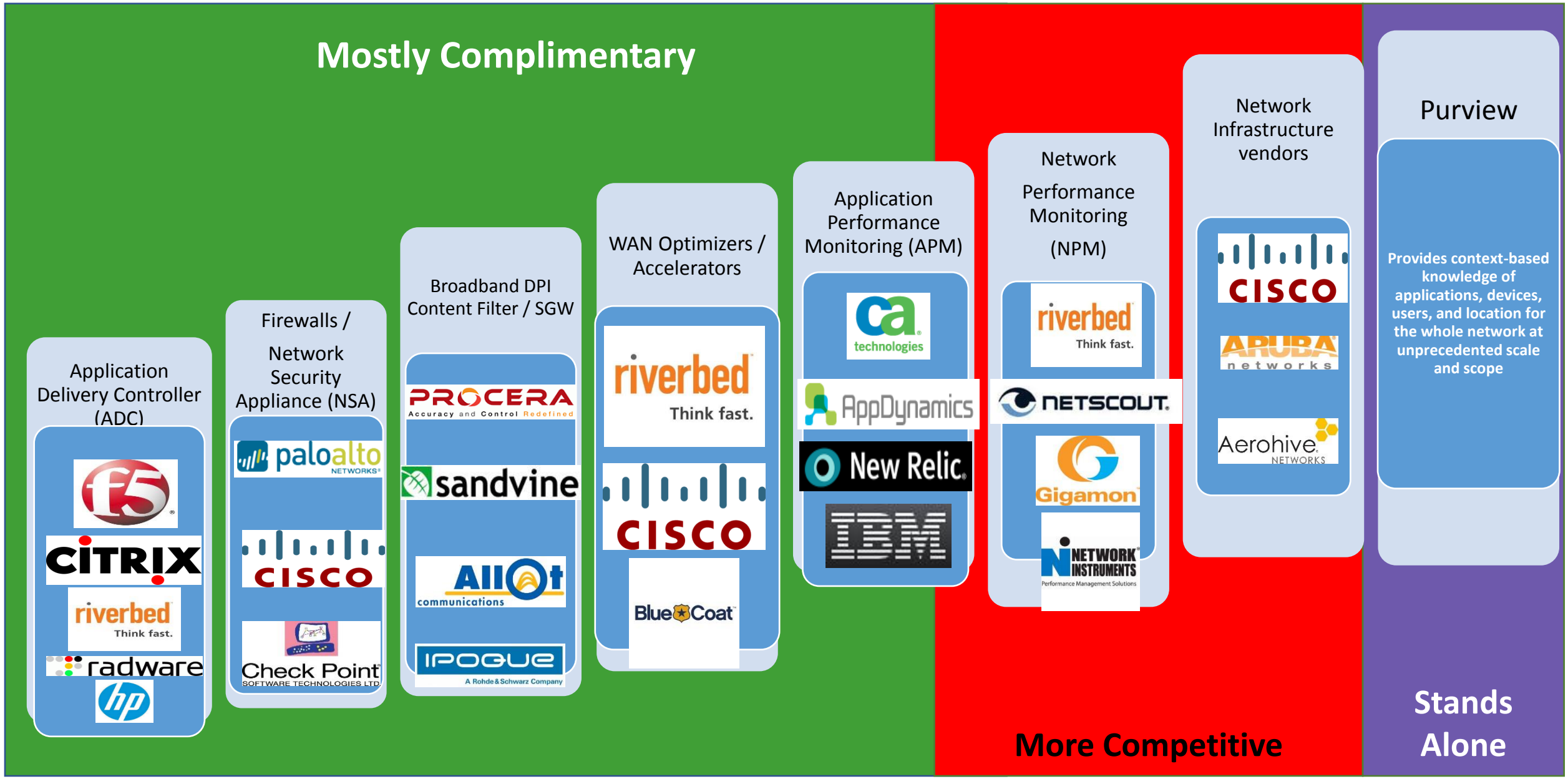
Detect malicious applications

Purview– Total Application Visibility & Control

- **Provides 100% Application Layer Visibility & Control**
- **Scales to millions of flows**
- **Embedded directly in network infrastructure or overlay**
- **Classifies traffic at wire speed**
- **Application Response Time Measurement**
- **Role Based Access to Applications (eg Cloud Services)**
- **Bandwidth Usage Monitoring**
- **Efficient Troubleshooting**



How Purview Compliments and Competes with Others



The Purview Difference

Application Visibility & Control at Layer 7

- Contextual information beyond the application
  - user, role, location, time, device & more
- Application and network performance tracking
- Open & customizable fingerprints
  - Over 13,000 fingerprints for over 7,000 applications
- Pervasive across the entire network infrastructure
- Port independent application decoding – true DPI at scale
- Single architecture for edge, distribution, core, data center, perimeter
- Tbit/s speeds with no switch performance impact with scalability to millions of flows

Physical Topology

Switching Infrastructure

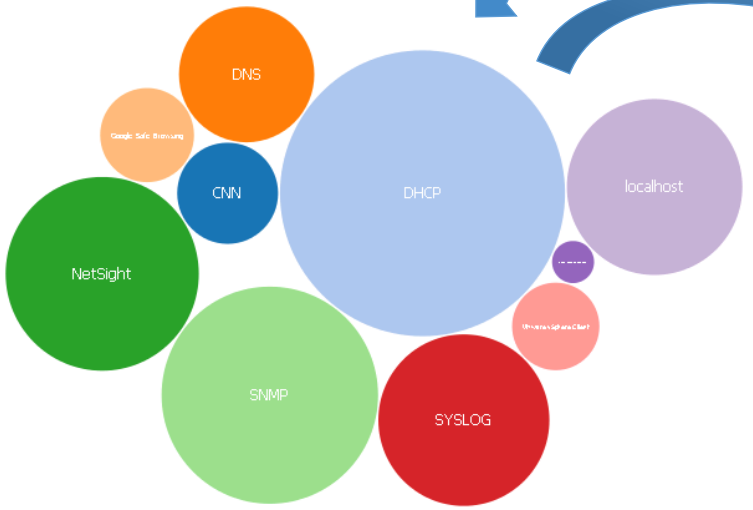
CoreFlow 2
+ NetFlow

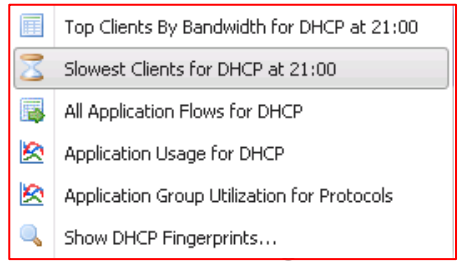
Purview Flow Collector

Purview Appliance
(Hardware or Virtual)

CoreFlow 2
+ NetFlow

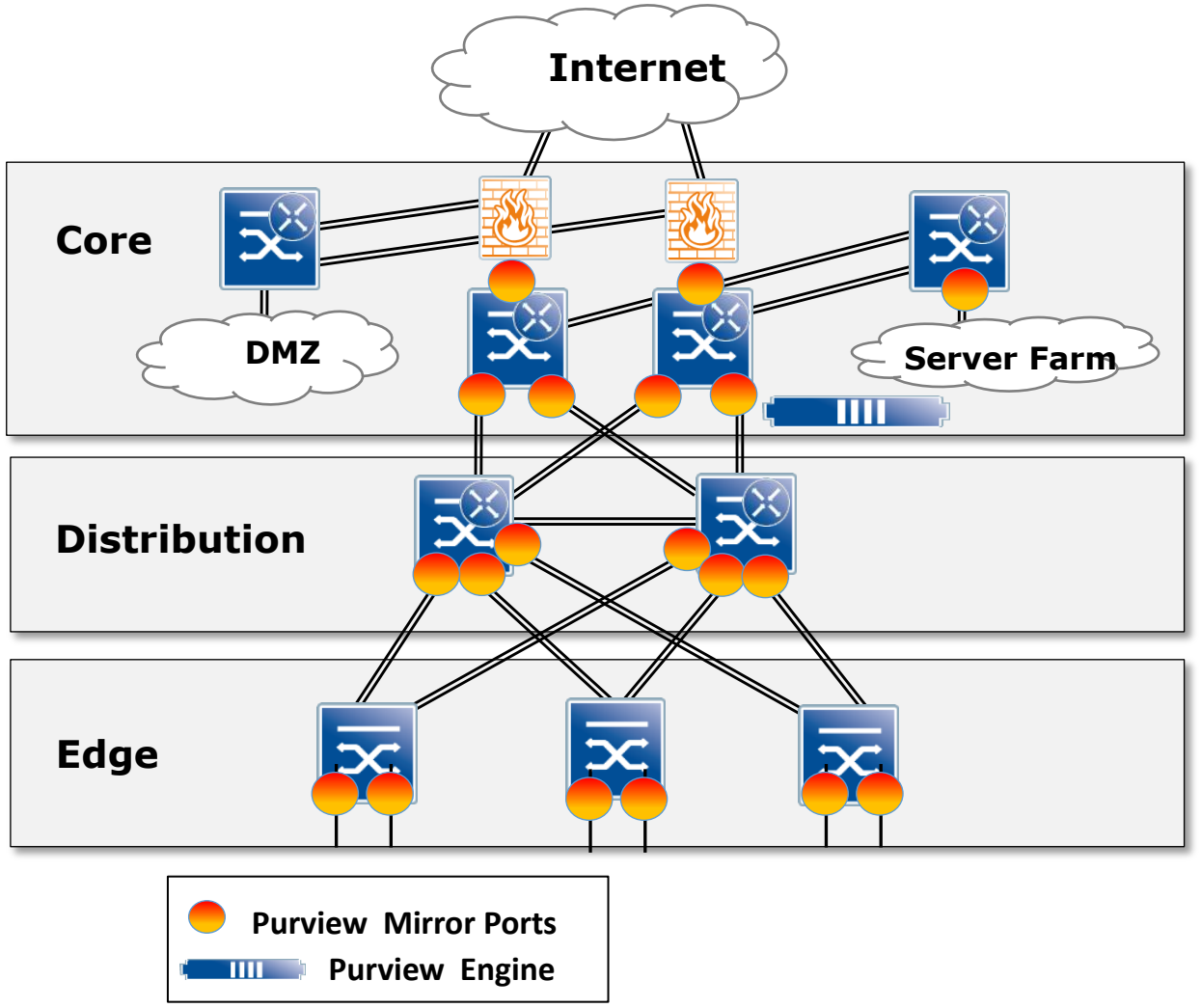
Bi-Directional Communication with NetSight



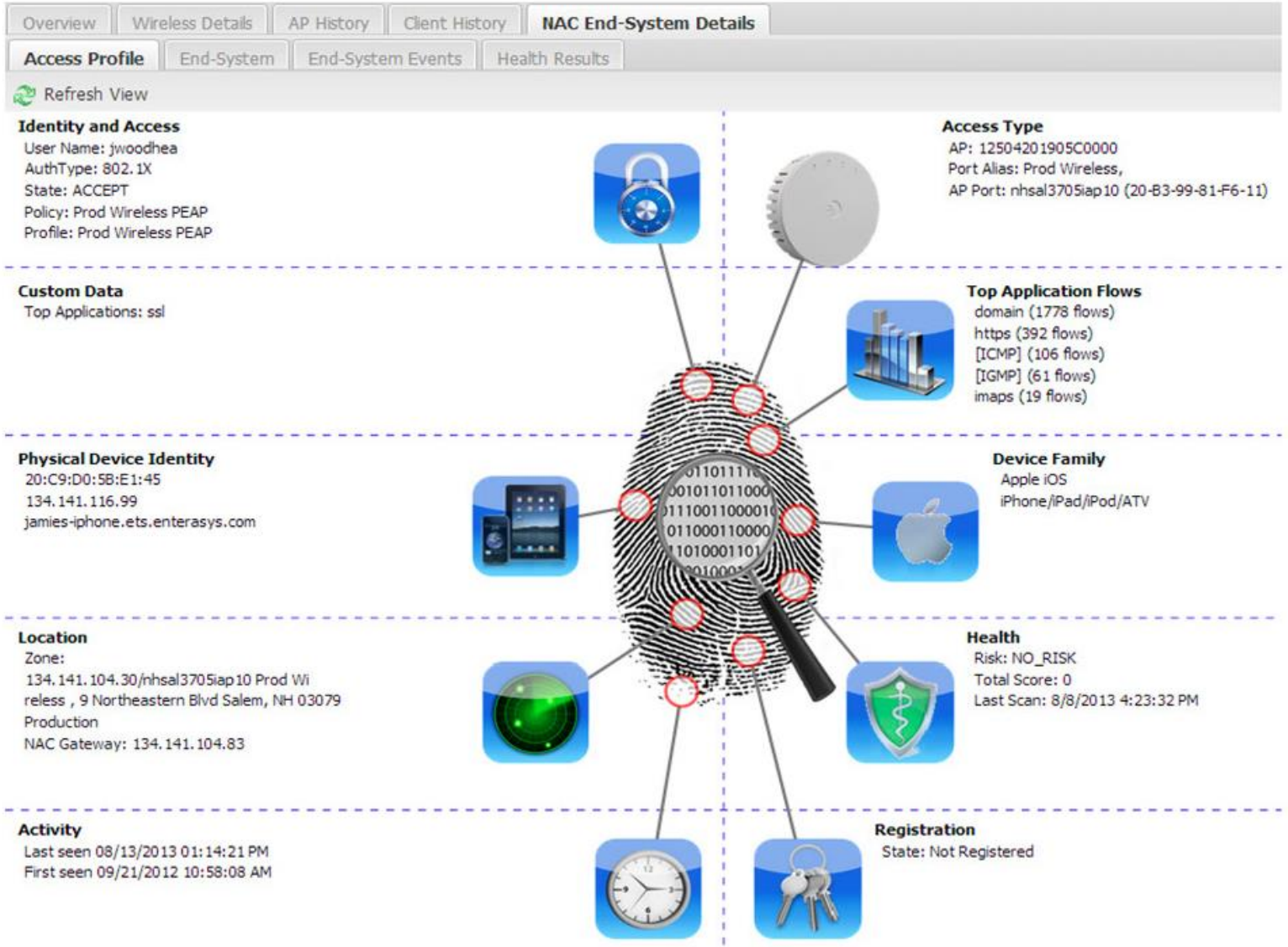


Deployment Models

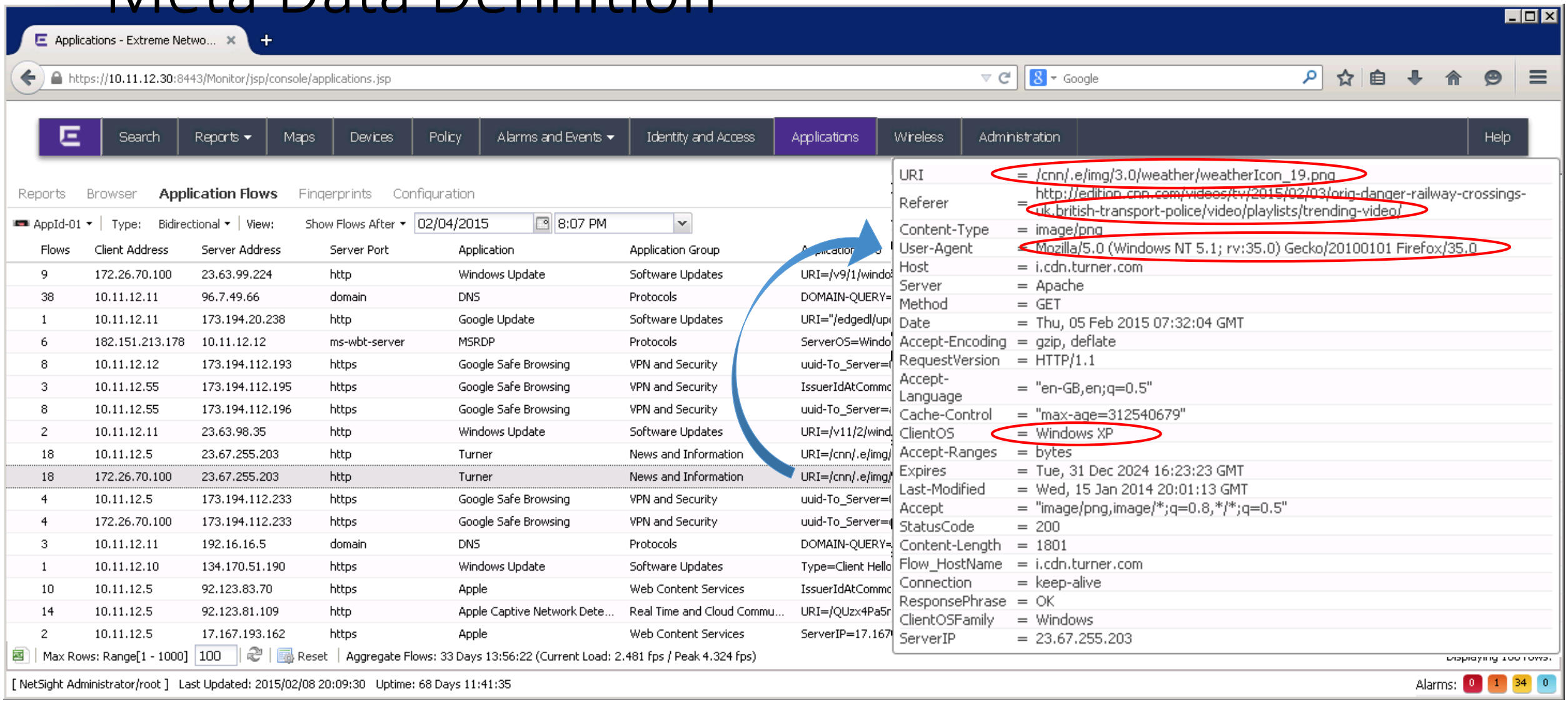
- Access
  - Application visiblity on access communications (typically covers most user traffic)
- Distribution
  - Achieve application visibility for all communications except those that are resident only in the core
- Core
  - Application visibility for all communicaitons that involve the core
  - Include high-bandwidth applications such as storage backup runs
- Data Center
  - Multi-sensor + Multi-NetSight deployment to scale with massive data communications
- Pervasive
  - Multiple traffic domains with Purview coverage for all domains
  - Multi-sensor + Multi-NetSight deployment
  - Avoids duplication of flows across traffic domain selections



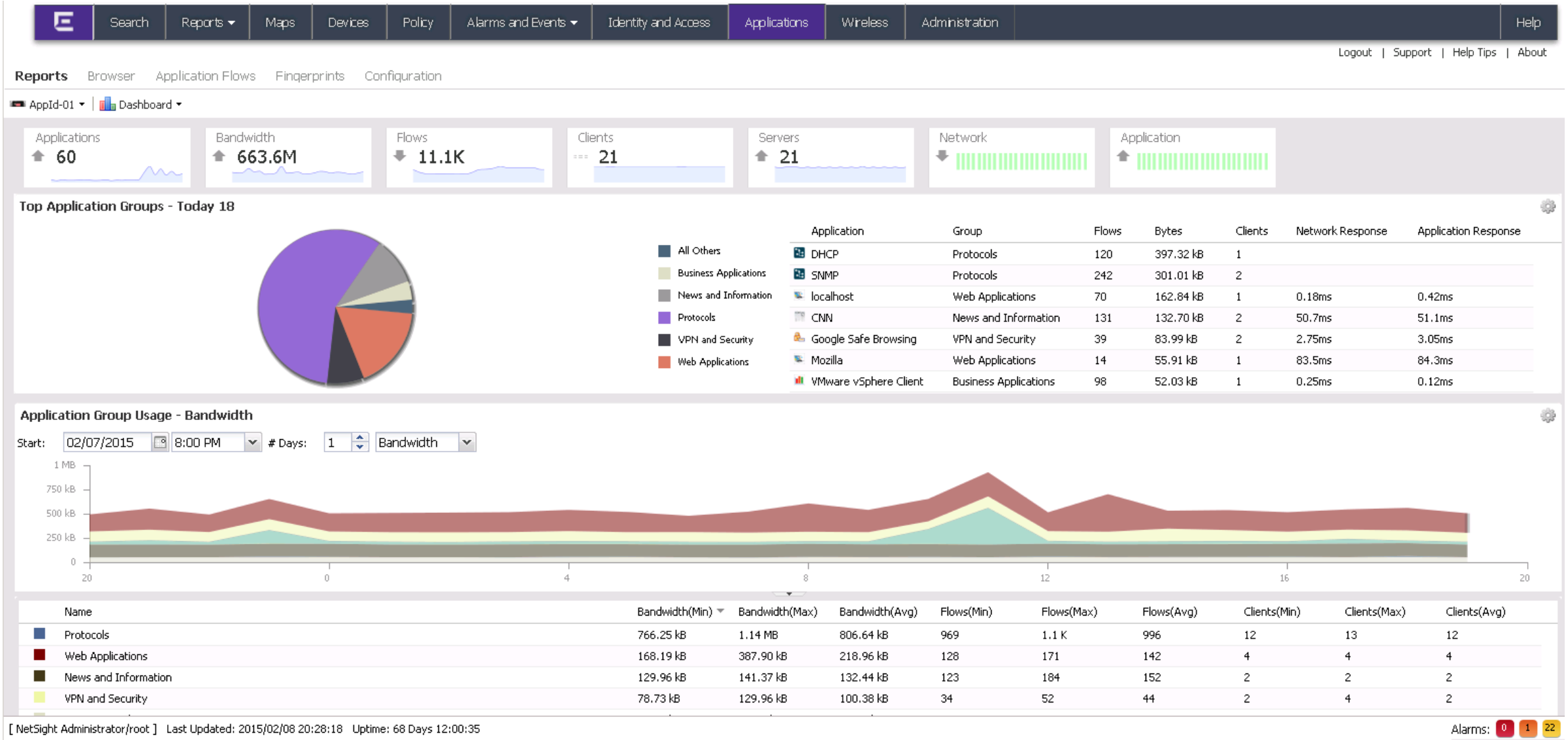
Built-in fingerprinting



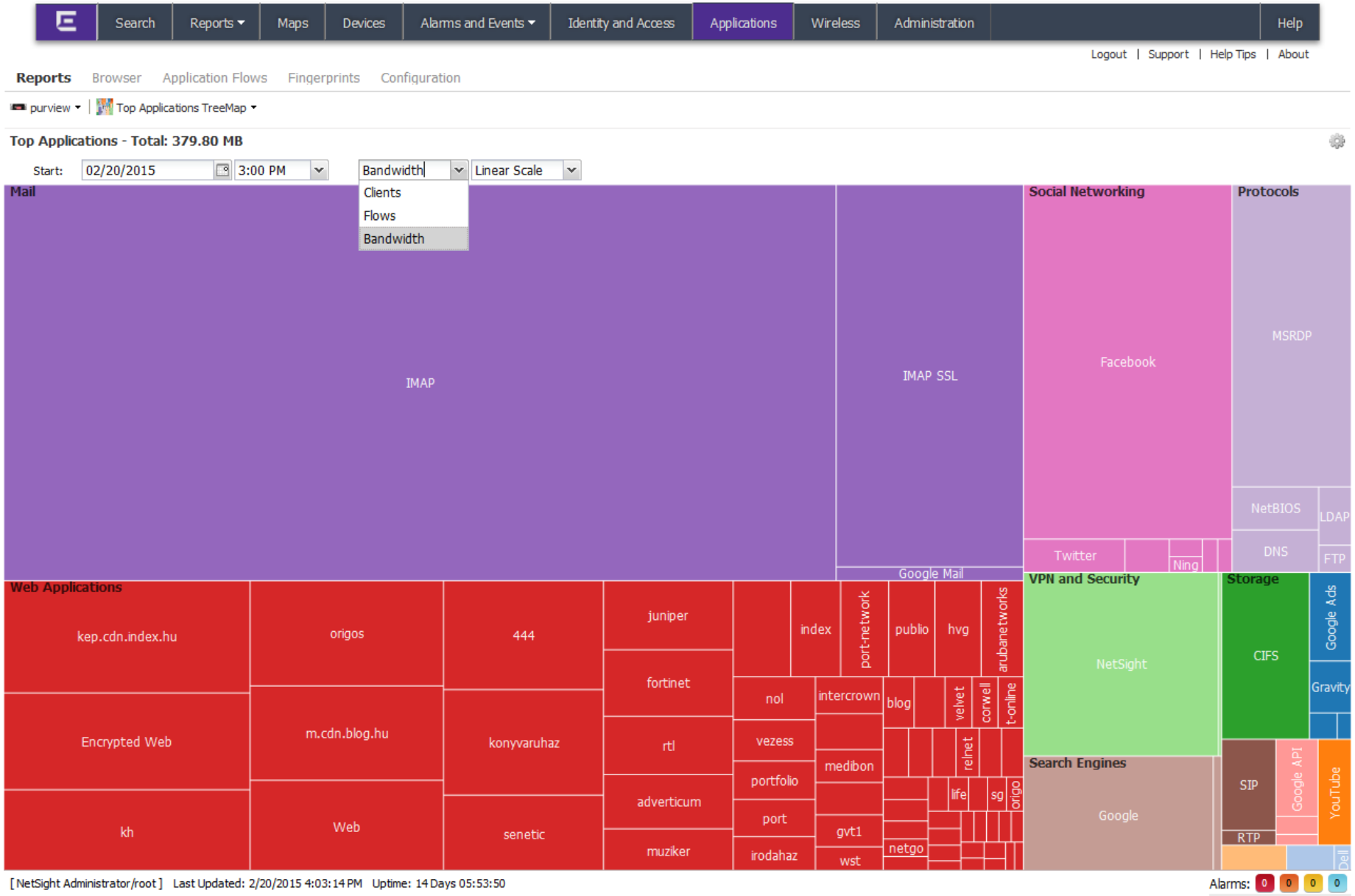
Meta Data Definition



Dashboard


Search
Reports
Maps
Devices
Policy
Alarms and Events
Identity and Access
Applications
Wireless
Administration
Help
Logout | Support | Help Tips | About
Reports
Browser
Application Flows
Fingerprints
Configuration
AppId-01
Dashboard
Applications
60
Bandwidth
663.6M
Flows
11.1K
Clients
21
Servers
21
Network
Application
Top Application Groups - Today 18
All Others
Business Applications
News and Information
Protocols
VPN and Security
Web Applications
Application
Group
Flows
Bytes
Clients
Network Response
Application Response
DHCP
Protocols
120
397.32 kB
1
SNMP
Protocols
242
301.01 kB
2
localhost
Web Applications
70
162.84 kB
1
0.18ms
0.42ms
CNN
News and Information
131
132.70 kB
2
50.7ms
51.1ms
Google Safe Browsing
VPN and Security
39
83.99 kB
2
2.75ms
3.05ms
Mozilla
Web Applications
14
55.91 kB
1
83.5ms
84.3ms
VMware vSphere Client
Business Applications
98
52.03 kB
1
0.25ms
0.12ms
Application Group Usage - Bandwidth
Start:
02/07/2015
8:00 PM
Days:
1
Bandwidth
1 MB
750 kB
500 kB
250 kB
0
20
0
4
8
12
16
20
Name
Bandwidth(Min)
Bandwidth(Max)
Bandwidth(Avg)
Flows(Min)
Flows(Max)
Flows(Avg)
Clients(Min)
Clients(Max)
Clients(Avg)
Protocols
766.25 kB
1.14 MB
806.64 kB
969
1.1 K
996
12
13
12
Web Applications
168.19 kB
387.90 kB
218.96 kB
128
171
142
4
4
4
News and Information
129.96 kB
141.37 kB
132.44 kB
123
184
152
2
2
2
VPN and Security
78.73 kB
129.96 kB
100.38 kB
34
52
44
2
4
2
[NetSight Administrator/root] Last Updated: 2015/02/08 20:28:18 Uptime: 68 Days 12:00:35
Alarms: 0 1 22

Dashboard – Top Applications Tree View



Thank you!