

Meraki Traffic Shaper

Application-Aware Bandwidth Control

The First Intelligent Bandwidth Control for Wireless Networks

Meraki Traffic Shaper allows administrators to see precisely how their network is being used and to reserve bandwidth for critical applications while restricting recreational network usage.

Powerful Insight and Control

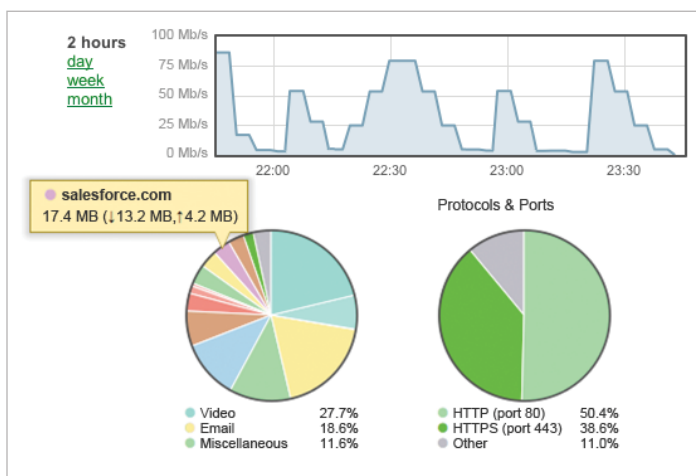
- Analyze network traffic by application or application class
- Enforce traffic shaping policies (e.g., limit each user's peer to peer traffic)
- Stay up to date with hundreds of constantly updated application signatures
- Prioritize critical applications using QoS policies



Cloud-Based Traffic Shaping: Power and Simplicity

Traffic Control is Business Critical

Wireless LANs have become a critical part of a network infrastructure. Yet mission-critical applications increasingly compete with recreational network usage. The result? The ability to intelligently control wireless traffic translates directly to business application performance.



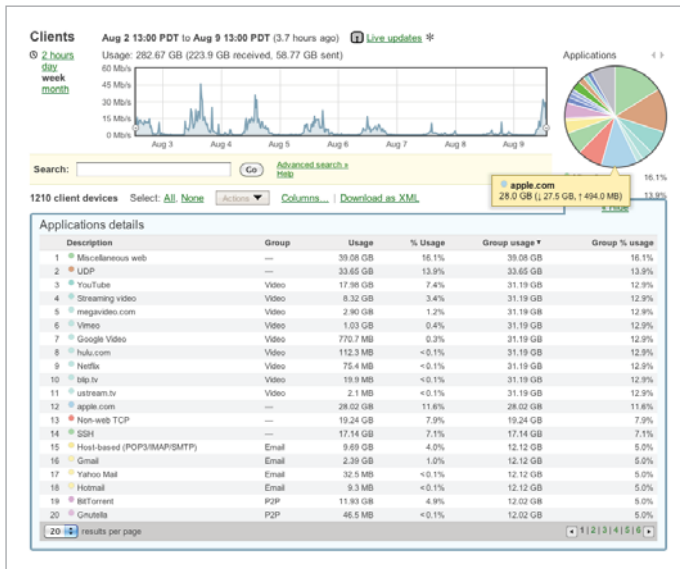
Port-Based Controls No Longer Suffice

Bandwidth hungry recreational applications, such as video streaming and peer to peer file sharing, have proliferated within businesses and schools and can cripple the performance of critical applications. Yet the line between recreational and business application is not always clear. Wireless organizations need an intelligent, adaptive system to recognize which is which - without costly and complex traffic shaping appliances.

Cloud-Hosted Application Fingerprints are Always Current

New applications are constantly arriving, while bandwidth hogs like file sharing hop from port to port and protocol to protocol. Meraki's cloud-based application signature database is constantly updated with application fingerprints from thousands of networks and millions of clients. As a result, traffic classification on your network is always current and precise, with no updates to download and install.

How It Works



Application Insight

- Identifies and controls traffic from hundreds of applications
- Classifies evasive or encrypted traffic with advanced heuristics
- Cloud-based signature database is always current
- Create up to 100 custom rules for in-house applications

Content Insight

- Identifies and controls traffic based on HTTP/HTTPS content type (e.g., audio, video, text, application)
- Recognizes HTTP-encapsulated video and audio

User Insight

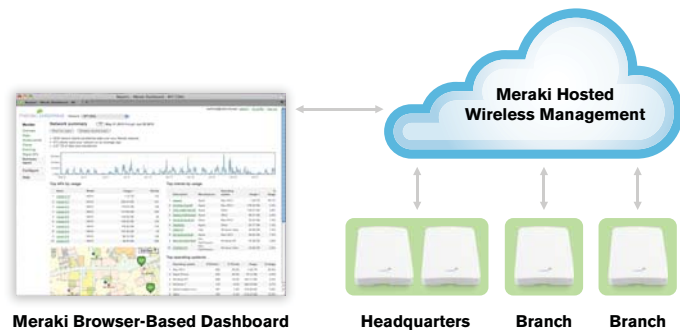
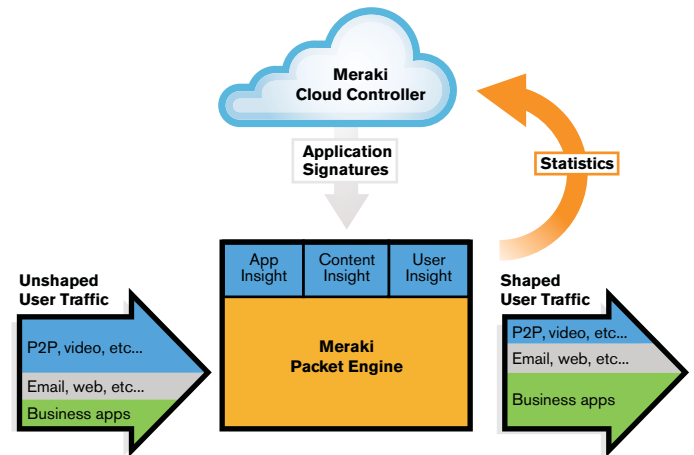
- Identifies traffic based on user name, computer name, operating system, and other useful client attributes

Scalability and Performance

- Enterprise-grade CPU performs layer 7 analysis and shaping on each AP with no performance loss
- No per-network bandwidth limits: distributed packet processing eliminates network bottlenecks

Additional Features

- Built in multi-site management
- Apply wired LAN QoS tags (802.1p) to applications or groups
- View data and create separate policies for each SSID



Ordering Information

- Available on all Meraki Enterprise networks at no additional cost
- No additional hardware needed
- Generally available September, 2010