# Studying Deeper Knowledge About DPI Technology

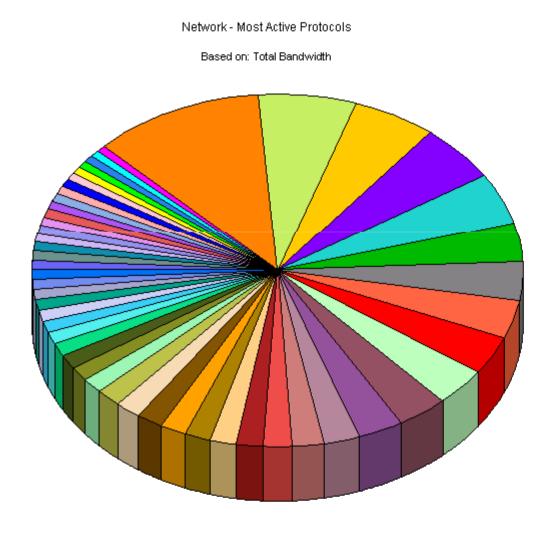




**Yaniv Sulkes Allot Communications** 

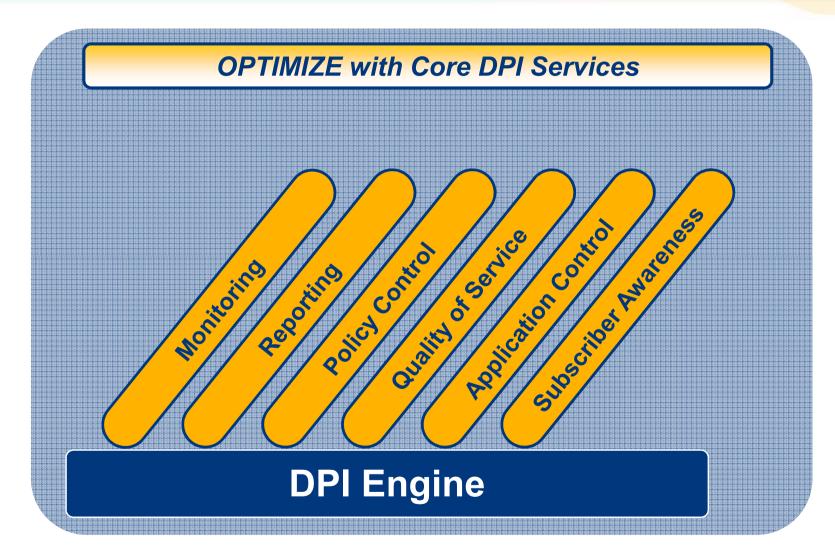
JANOG24, 7/14/2009

#### **A World of Protocols**



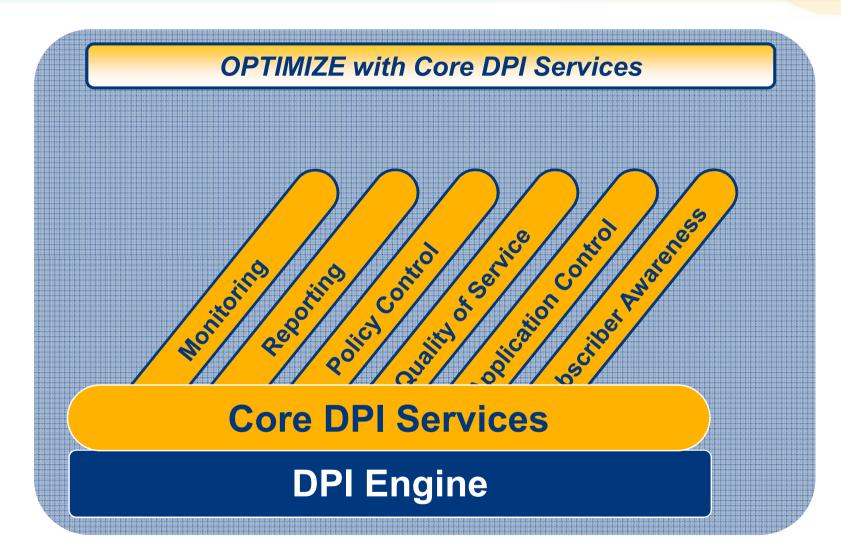
1Protocol YouTube HTTP-Proxy HTTPS Napster Telnet ■eDonkey ■WinMX ■Gnutella ■KaZaA Skype ■ SIP Direct Connect SoulSeek FTP ■H.323 BitTorrent SIP Vonage Waste MGCP. ExoSee Mute Hotline WeatherBug **■**DNS RTSP CC-MAIL Soribada ■IMAPS ■FTP-DATA MS Exchange TFTP IMAP3 IMAP2 FTPS FTPS-DATA Mapolito

## **Classic DPI Offering**



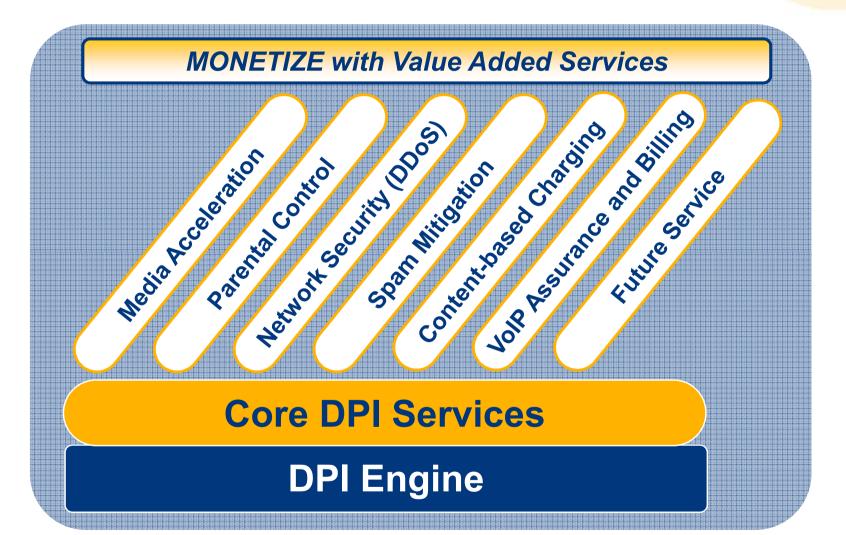


## **Classic DPI Offering**





#### Redefining the Role of DPI

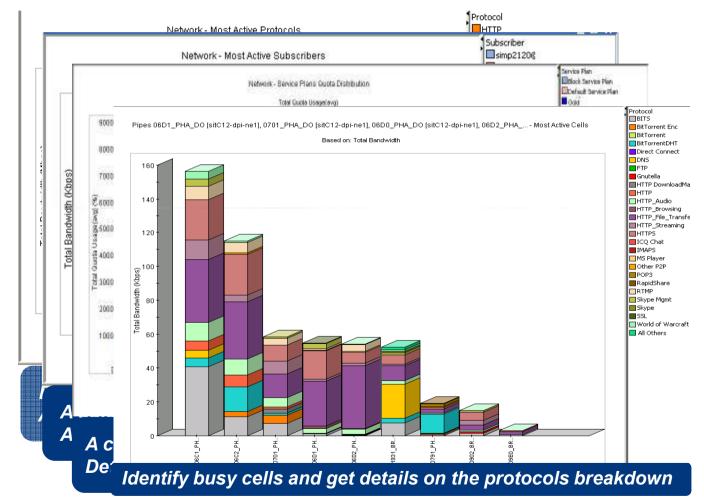




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## Visualization: What Is Running On Your Network?

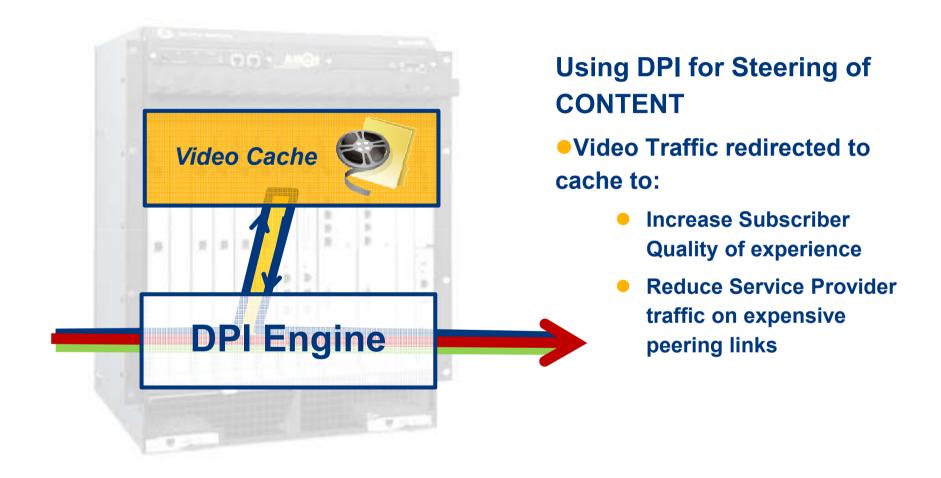
- Multiple Visualization dimensions:
  - Applications
  - Subscribers
  - Services
  - Topology
  - •





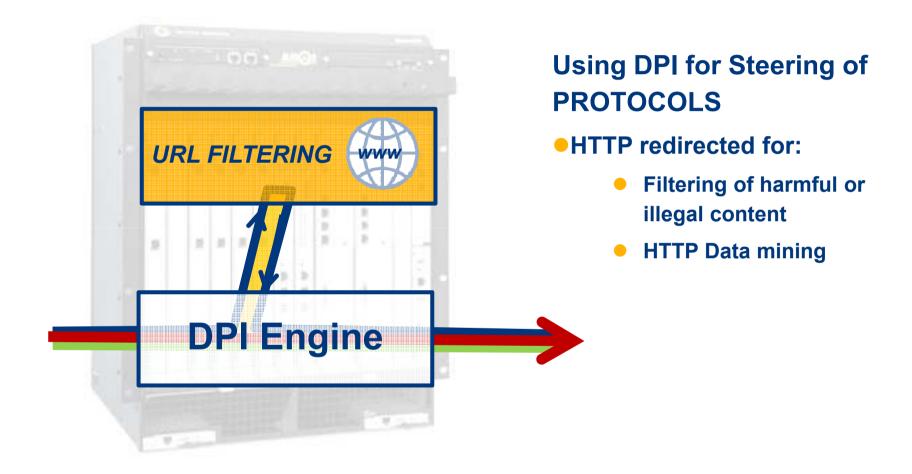


## **Intelligent CONTENT Steering**



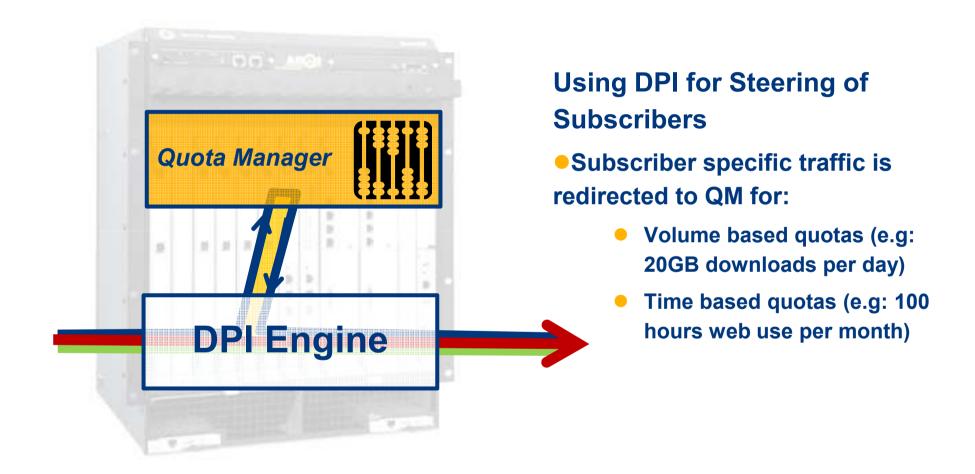


## Intelligent PROTOCOL Steering



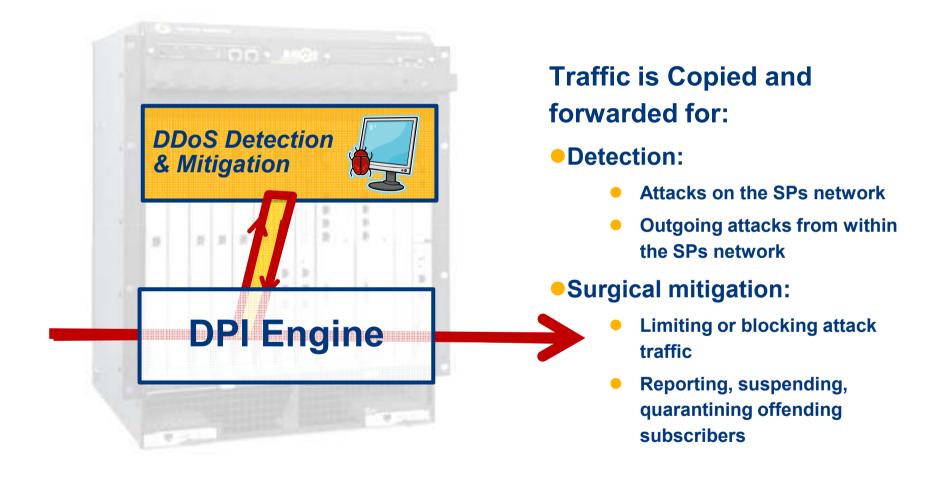


### Intelligent SUBSCRIBER Steering





## **Traffic Steering for Intelligent ACTION**



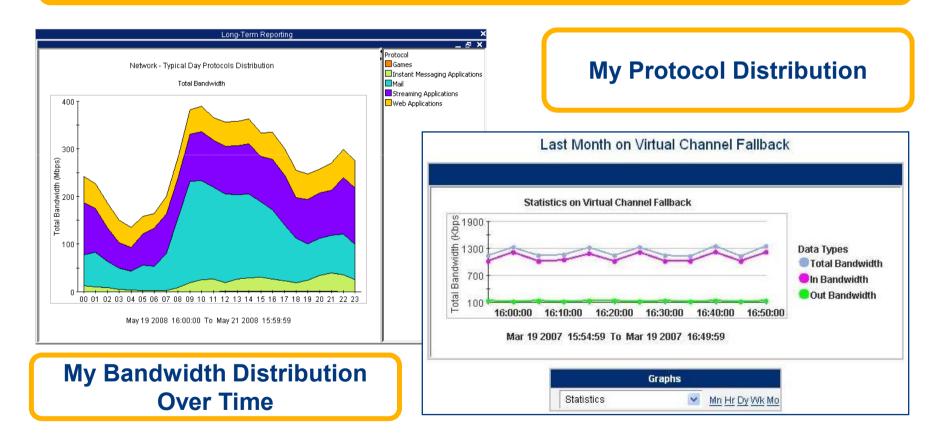


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### **Subscriber Empowerment**



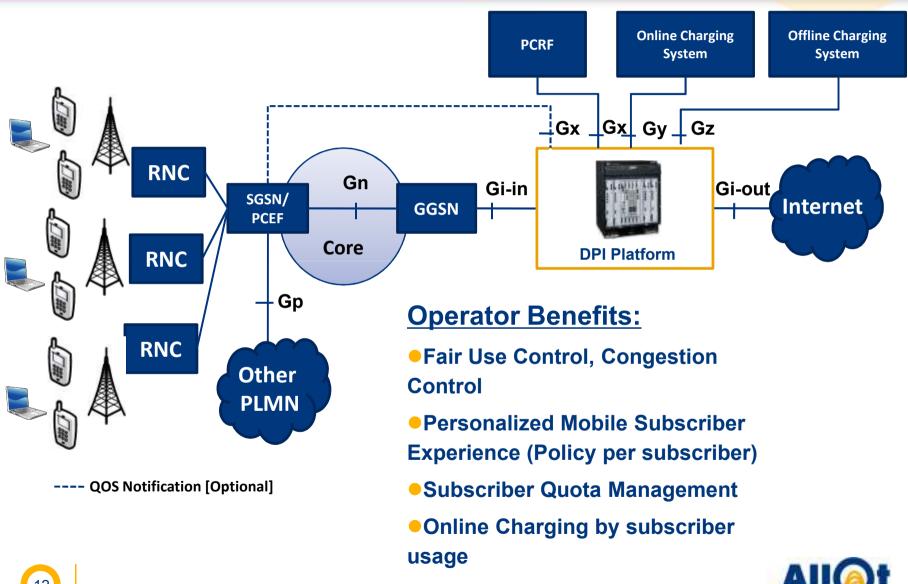
See your activity, choose your services, prioritize your traffic



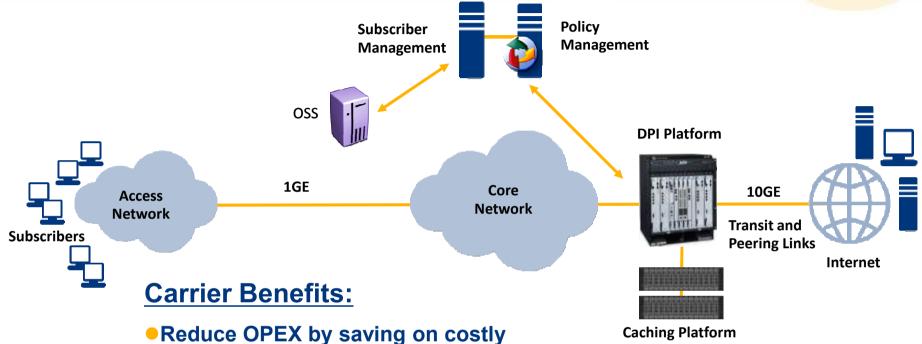




#### Case Study I: Tier1 Mobile Provider in Europe



#### Case Study II: Tier1 Fixed Carrier in Asia



- Reduce OPEX by saving on costly transit/peering links
- Generate New Revenues based on accelerated media tiered service and due to increased adoption of higher bandwidth packages
- Increase subscriber QoE and customer loyalty



#### **Allot At-A-Glance**



#### **Public Company**

- Traded on NASDAQ [ALLT]
- Founded in 1996

#### **Value Proposition**

 Network Intelligence; IP Service Optimization and Revenue Generation

#### **Products sold**

- More than 13000 units sold in 120 countries
- More than 800 Service Providers
- More than 2000 Enterprises and Education Inst

#### **Offices**

- Americas: Minneapolis, USA
- Europe: Nice, France
- Asia: Tokyo, Japan & Singapore

