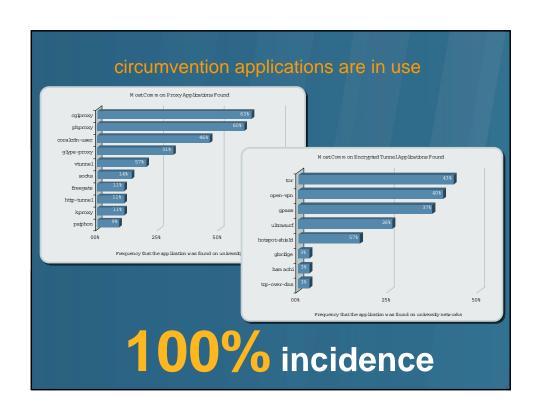
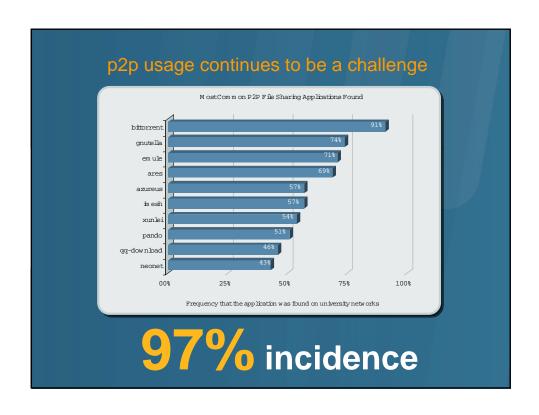


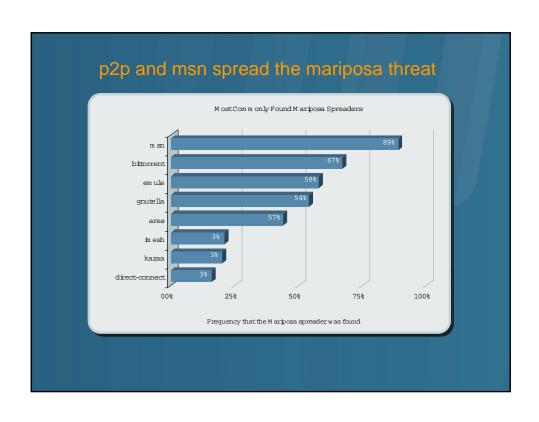
## academic freedom or application chaos?

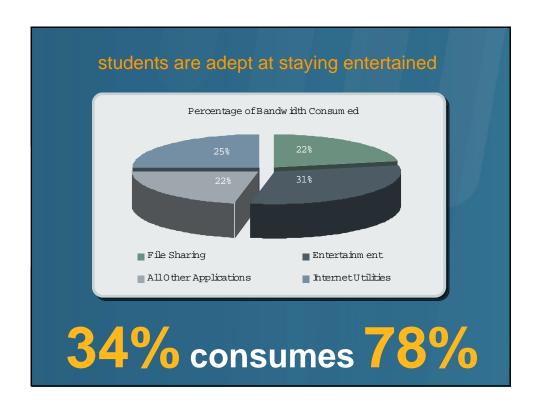
- Application chaos leads to increased threat propagation
- P2P file sharing and the risks
- Unable to see many of the newer applications
- Cannot identify who is using the applications
- · Must balance control with educational freedom
- Shrinking budgets and increased malware cleanup costs
- Increasingly complex security infrastructures
- The list goes on...

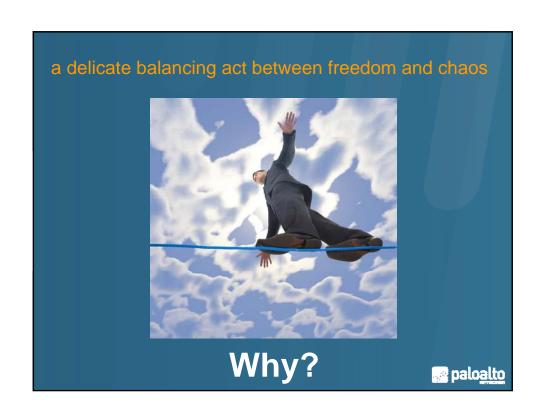




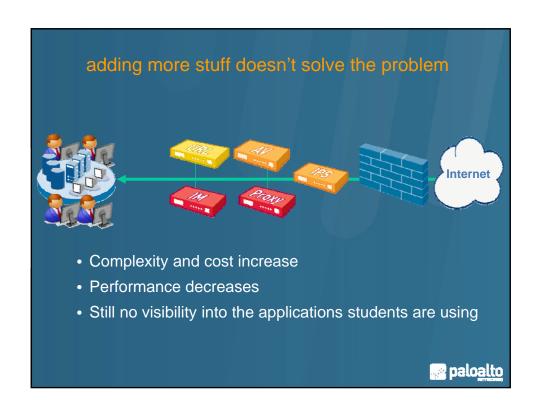




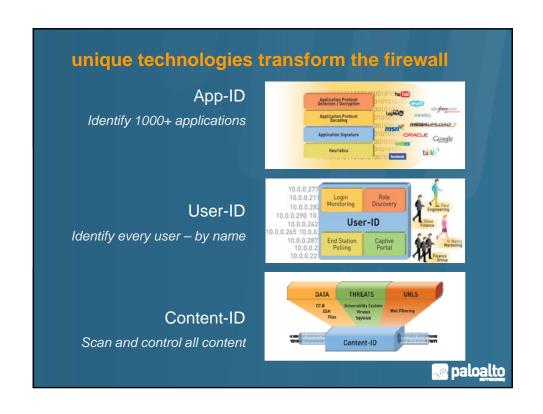


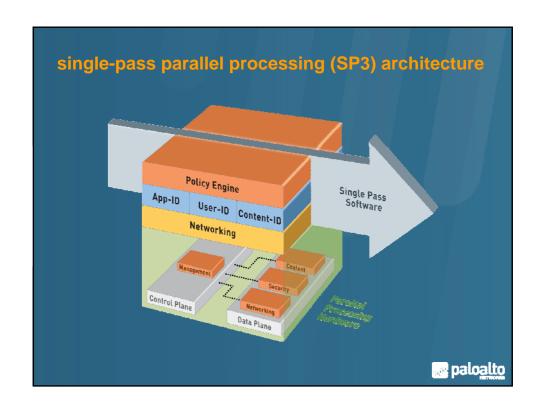


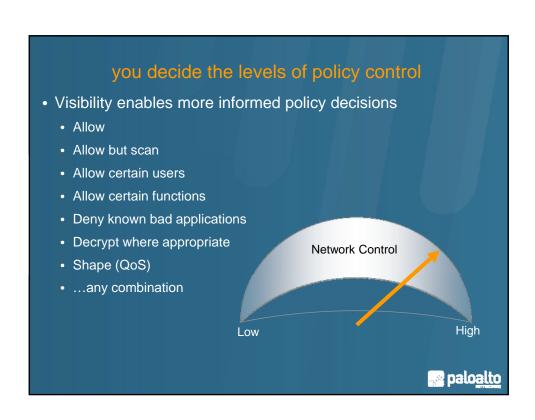




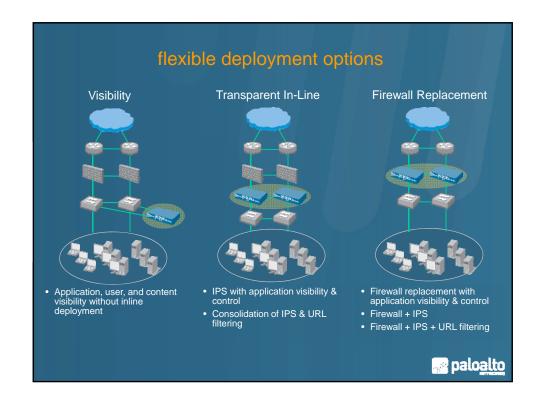












#### enable academic freedom and minimize chaos

- Identify more than 1000 applications including P2P, encrypted tunneling and proxies
- Determine who is using these applications through Active Directory integration / LDAP
- Apply firewall policies to monitor and log, apply QoS or block where warranted
- Inspect and protect application traffic with high speed threat prevention



# about palo alto networks

- Founded in 2005 by security visionary Nir Zuk
- Next generation firewalls with control of over 1000 applications
- Named Gartner Cool Vendor in 2008, Visionary in 2010
- Top 10 most influential business technology products in 2008
- Best of Interop Grand Prize, Best of Interop Security 2008
- Top 50 Startup Information Week 2009







#### texas women's university controls security costs

- Problem
  - Primary focus was firewall replacement Cisco PIX was end-of-life
  - Saw added opportunity to replace open source threat prevention tool and Packeteer - also end-of-lifed
- Palo Alto Networks Solution
  - Consolidated firewall, threat prevention and traffic control into one device dramatically reduced security infrastructure costs
  - Able to tie applications to users through Active Directory
  - Immediately identified and stopped use of bandwidth hogging application from Russia (Tagoo)

#### TEXAS WOMAN'S UNIVERSITY

"Palo Alto Networks designed their firewall to deliver exactly what every security guy wants—visibility, control and ease of use. The PA-4050 allowed us to consolidate devices increasing network security."

Bob Neal, Senior Director of Network Services, San Jose State University



### san jose state clamps down on p2p and threats

- Problem
  - · Same P2P file sharing issues that plague every university
  - · Existing infrastructure couldn't evaluate content
  - · Couldn't stop malware from piggybacking on applications
- · Palo Alto Networks Solution
  - PA-4000 Series behind network firewall
  - Stopped L7 threats
  - Detected 15 types of P2P file sharing applications
  - · Able to rein in P2P use and maintain compliance with RIAA



"The PA-4000 Series enables us to block threats and understand and control applications on our networks to ensure IT resources are used appropriately."

Bob Neal, Senior Director of Network Services, San Jose State University

## paloalto

# peirce college replaces aging firewalls

- Problem
  - · Outgrowing Cisco PIX firewalls (performance, reporting)
  - Couldn't see or control modern applications and threats
- · Palo Alto Networks Solution
  - PA-4000 Series as their primary firewall
  - Visibility into the applications traversing the network along with who is using them
  - Able to generate reports to address internal and external requirements



"Since we've replaced our firewalls with the PA-4000 Series, we can monitor users at a level not possible before, and set and enforce more effective policies, which help protect our users and networks."

Christopher Duffy, Chief Information Officer, Peirce College



### sinclair enables positive application usage policies

- Problem
  - Unable to determine business value of applications due to lack of visibility
  - Exposure to threats and non-compliance an increasing concern
- Palo Alto Networks Solution
  - Positive application enablement through improved visibility and control over traffic traversing the network
  - Application knowledge facilitates business assessment and appropriate policy control



"With the PA-4000 Series, we are able to not only see which applications were on our network, but we are also able to understand the benefits and risks associated with them, allowing the enforcement of specific policies appropriate to our needs."

Scott McCollum, IT Services Director, Sinclair Community College



## tamag simplifies infrastructure, lowers costs

- Problem
  - Faced with high licensing renewal, Texas A&M University at Galveston (TAMAG) chose to evaluate alternative offerings
  - Exposure to threats and non-compliance (RIAA) were an ongoing issue
  - · Application visibility, improved threat prevention were top priorities
- Palo Alto Networks Solution
  - Replaced Packeteer and added threat prevention for less than the renewal costs
  - Improved visibility into applications between dorms enabled them to modify policies
  - · Able to block wide range of threats at the network level



"Palo Alto Networks not only protects us much better, it is far more affordable than the other solutions. Being a state organization, budgets are tight and we need to do more with less. Palo Alto Networks lets us do that, and makes us more responsible with the money we have."

John Kovacevich, Systems Analys



