



PacketLogic Smart Campus Solutions for Higher Education

IT managers for universities, colleges and other educational institutions operate complex networks designed to serve diverse user groups – students, faculty, staff, and often the surrounding community. These managers need awareness of how their network is being utilized; analysis on what bandwidth is really needed to deliver quality services to their students and faculty, and control over the usage of their valuable network resources. Visibility and control into the usage on peering links is vital, as this is a key cost factor for education, and the ability to set policies based on peering links is critical to cost control. Educational institutions are often the test bed for new applications and games, pushing the requirements for rapid signature development to the limit.

PacketLogic™ Smart Campus – A Turnkey Traffic Management Solution for Higher-Education

PacketLogic Smart Campus includes traffic classification, traffic management, statistics analytics and end-user provisioning – features that combined provide full visibility and control over campus networks. Smart Campus is priced and licensed to accommodate the specific conditions and requirements of Higher Education customers. This attractive suite combines Procera's inline PacketLogic devices PL 8820, PL8720 or PL7720 combined with the PL1200 statistics server and the educational edition, PSM-E, of PacketLogic Subscriber Manager.

PacketLogic solutions provide deep packet inspection capabilities that allow highly accurate identification of network traffic such as BitTorrent, YouTube, Skype and others – even if these applications use port-hopping, encryption, masking or other behaviors to hide their identity. Procera Networks' PacketLogic solutions are used by hundreds of colleges, universities and other organizations worldwide to meet these goals through next generation technology that provides deep visibility into and control over network traffic.

Key PacketLogic Features for Higher-Education Institutions:

- Integrate with authentication & NAC servers such as LDAP, RADIUS, Cisco NAC, Bradford Networks, and ImpulsePoint
- Ability to dynamically provision bandwidth based on User Role
- Aggregate traffic consumption for multiple devices back to a single User ID
- Enforce quotas on internet consumption
- Enable tiered services with various plan offerings

“PacketLogic Smart Campus allows us to assign multiple computers or devices to an individual. This means that we can apply shaping policies and bandwidth caps to users rather than computers. Even with the number of internet-capable devices per student increasing each year, we can still have a complete view of how students are using our network.”

– Jimmy Graham, Manager of Network Services at Liberty University

“In my personal experience, the return on a PacketLogic investment is almost immediate for Higher-Education institutions — the enhanced user experience is a bonus. Campus networks have a mix of professional and leisure traffic by default, and they host a disproportionate number of early adopters who embrace new services and applications. PacketLogic Smart Campus provides intelligence on user behavior and takes the end-user's then current role into account since the package includes the user provisioning capabilities of our PSM product.”

– Jon Lindén, Vice President of Global Marketing, Procera Networks



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