

Taking full control of Network resources, minimise OPEX and implement Internet billing in a 50,000+ Student environment

VICTORIA UNIVERSITY



OF TECHNOLOGY

EXECUTIVE SUMMARY

INDUSTRY

- Higher Education

BUSINESS PROFILE

- Premium Educational Institute, Gigabit Internet connection, 53,000 end-users and 13 Campuses

CHALLENGES

- Gain Real Time visibility into all network traffic
- Balance academic and recreational Internet usage
- Postpone investments into additional bandwidth upgrades

SOLUTION

- Implemented PacketLogic platform to take full control of all 53,000 end-users

BENEFITS

- Annual savings
- Remove lawsuit charges due to illegal P2P filesharing
- Increased revenue by billing their student Internet usage

Company:

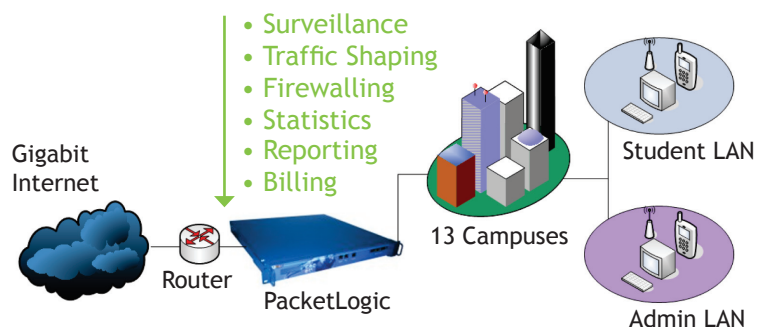
Victoria University of Technology (VU), one of Australia's larger and premier Universities with 13 campuses, more than 50,000 students and 3,000 staff, selects PacketLogic from Netintact to dramatically increase network performance and security while reducing bandwidth costs, viruses outbreaks and enhancing customer services.

Situation:

To create and maintain a secure environment where end-user and application behaviour are rapidly changing. Balance academic and recreational Internet usage among a growing number of students and continuously increasing Internet traffic. To prevent unwanted IP traffic from overloading the University network bandwidth (BitTorrent, KaZaA, Chat Programs, Web radio and TV...)

Solution:

PacketLogic allows network administrators to gain Total Control of Gigabit IP traffic by Real Time Monitoring, Analysing and Optimising.

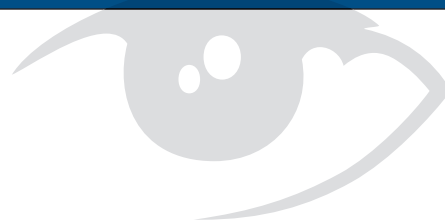


Victoria University deployed 1 x PacketLogic to manage Quality of Service for 53,000 end-users.

"After a long period of evaluating different solutions Victoria University selected PacketLogic. PacketLogic proved to be the ultimate IP Traffic Management System for a University environment. Features such as granularity, speed, ease of use and scalability were deciding factors for us."

-Manuel Bervanakis (Victoria University, Manager Client Services)

Victoria University of Technology



Solution:

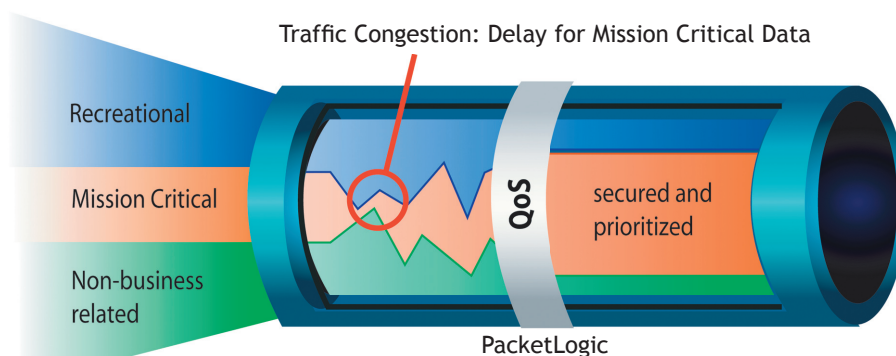
“The granularity gives us exceptionally detailed and valuable information about users and applications, which is essential for efficient traffic shaping. Through the PacketLogic Python API I am able to customise the platform for our needs.

With the scalability that PacketLogic provides we are able to implement a future proof system. Netintact has developed a cutting edge solution that is very easy to use.”

- Daniel Sloan (Victoria University Systems Programmer)

PacketLogic will enable you to:

- Apply & Guarantee QoS - remove network bottlenecks by prioritising your IP Traffic and limit student recreational IP Traffic
- Implement Internet and Network Policies - IP Traffic is classified based on user, group, port, application and time of day. This enables you to create and assign different policies to diverse users based on their needs (e.g. PHD student vs. first year Student)
- Enhanced Reporting and Support Service - IP Traffic reports giving an excellent and detailed view of your IP Traffic. Surveillance alerts posted via email or mobile to network staff
- Minimise Operating Costs - eliminating down time, postpone additional bandwidth and infrastructure investments, and centralise your network administration by remote management



PacketLogic will prioritise your Internet traffic based on content.

Benefits:

“Last week PacketLogic proved very useful as we had a significant virus outbreak - one that had not yet been detected by the antivirus software firms. We managed to detect and contain it quickly, due to the service-based firewalling in the PacketLogic”. says Daniel.

Daniel continues; “A similar attack prior to PacketLogic would take over 1 week to contain, with PacketLogic I managed to contain the virus within 1.5 days. Netintact’s in-house developed application identifier (DRDL) with its deep layer 7 detection made this possible.”

- Daniel Sloan (Victoria University Systems Programmer)

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