

Metropolitan Networks Case Study Judiciary Of Trinidad And Tobago



From congested to clean - how to manage internet abuse



*Judiciary of the
Republic of
Trinidad and Tobago*

Metropolitan Networks were able to bring visibility to the Judiciary's internet connection through the implementation of an effective traffic surveillance / shaping tool from Procera Networks.

"We are now able to identify bandwidth abusers and effectively limit an individual's monopolization of our internet resources. The PacketLogic allows us to postpone any need for increased bandwidth"

Anthony Mathison, Network Administrator, Judiciary of Trinidad and Tobago.

The Judiciary works towards the resolution of conflict in society by resolving disputes which arise out of the operation of laws and includes the application of remedies and the punishment of offenders.

Issue:

The Judiciary found its 4 Mbps WAN connection was heavily overloaded and work was grinding to a halt. There was no way to identify the causes or to prioritize mission-critical applications. Anthony explains: "Even though our bandwidth was increased from 1.5MB to 4MB it made no difference, our internet was still extremely slow and our ISP was threatening to disconnect our service because of all the bittorrent traffic and P2P traffic that they were seeing on the line."

Solution:

Metropolitan Networks recommended PacketLogic from Procera Networks as an effective solution to this problem. Its advanced traffic shaping tools enables the Judiciary to allocate bandwidth discriminately for mission-critical applications. Powerful deep packet inspection capabilities offer the much needed surveillance to identify inbound and outgoing traffic in real time on a full Layer 7 analysis, collecting statistics and shaping or blocking as required.

The PacketLogic not only allows the Judiciary to inspect how the bandwidth is being used, and identify problems, but

also offers a solution to these problems. As an application layer firewall, it is able to block non-essential bandwidth consuming applications, such as instant messaging and file sharing. It can also divide and assign bandwidth for different activities and reserve a premium for the most mission critical business.

Result:

Restricting what should not be there, assisting what should and providing essential network management information and statistics of detailed packet-contents, the PacketLogic is an invaluable tool. Says Anthony: "On the day the PacketLogic was installed, internet traffic improved dramatically; we have over 200 internet users sharing a 4MB connection and they are now all extremely satisfied."



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