



Press release

The PacketShaper 10000 1 gigabit ensures the dynamic distribution of bandwidth to meet the application needs of three research institutions

Paris, 16 October 2006– Packeteer®, the world leader in WAN optimisation services, today announced that the Laue Langevin Institute (ILL), European Molecular Biology Laboratory (EMBL) and European Synchrotron Radiation Facility (ESFR) have deployed the PacketShaper® solution to guarantee a balanced yet dynamic division of their shared bandwidth and optimum performance for strategic applications.

At the forefront of scientific research, the ILL, EMBL and ESRF welcome members of the global scientific community, both from the public and private sector, and provide them with production zones for tailored experiments related to x-rays, neutrons and molecular biology. While independent from a financial and administrative point of view, the three institutions are very similar with regard to profession, operating methods and customers, and are all located within the same research site in Grenoble. Given these circumstances, it seemed practical and financially advantageous to share Internet access and to divide bandwidth according to each institution's financial contribution. However, this division needs to be flexible so that one institution can claim additional bandwidth if it is not being used by the others at a given time. It is also essential that certain key applications are always protected. An invitation to tender led to the choice of Packeteer's WAN optimisation solutions.

“The PacketShaper is an intelligent solution capable of ensuring a dynamic distribution of bandwidth and of prioritising strategic applications, thus meeting all our needs,” comments Jean-Louis Perrini, Information and networks manager at the Laue Langevin Institute. “The ESRF, for example, stocks up to 90 terabytes of data every two months while waiting for customers to recover the information generated by their experiments. With the PacketShaper, we can guarantee that the FTP protocol used to repatriate information is always given priority.”

The PacketShaper 10000 1 Gigabit, the most powerful model in the PacketShaper range, delivering layer 7 intelligence at 1 Gbps full duplex, was deployed by the integrator Telindus Arche at the end of October 2005. Administration is shared and each network administrator has remote access to reporting with all major modifications to rules requiring a meeting of the three institutions. The absolute control delivered by the PacketShaper also provides an element of security. The Internet Control Message Protocol (ICMP) for example, used to ensure that servers are operating properly, is a very open protocol which can expose the network to DOS-type attacks if granted too much bandwidth. By restricting resources available, the PacketShaper avoids this potentially disastrous occurrence.

The richness of the box's application analysis became apparent as soon as it was installed and enables a better understanding of network as well as user behaviour. As a result, certain non-

critical applications are today limited or blocked. The PacketShaper has also proved to be extremely robust and reliable and has not needed to be rebooted since its deployment.

“The scientists welcomed by these three institutions conduct large scale experiments often linked to primary research and produce considerable quantities of critical information,” underlines Eugène K’Dual, General manager of Packeteer France. “By accepting them at their research zone, the ILL, ESRT and EMBL are bound to ensure that experiments are carried out in the best possible conditions. The PacketShaper’s intelligent analysis and prioritisation functionalities coupled with the power of the 10000 1 gigabit model allow them to provide guaranteed performance even for cumbersome applications without adversely affecting the performance of other key traffic.”

About Packeteer

Packeteer, Inc. (NASDAQ: PKTR), is the global market leader in WAN Optimization and Application Traffic Management for wide area networks. Deployed at more than 7,000 companies in 50 countries, Packeteer solutions empower IT organizations with patented network visibility, control, and acceleration capabilities delivered through a family of intelligent, scalable appliances. For more information, contact Packeteer at +1 (408) 873-4400 or visit the company’s web site at www.packeteer.com.

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