

TEMPLE UNIVERSITY

PROJECT GOALS:

Redesign the outdated network infrastructure to meet ever evolving bandwidth requirements

Deploy best of breed security software such as Check Point Firewall and IBM Proventia Network IPS

Minimize traffic spiking conditions and performance stress during peak hours

Build a sustaining network security system to last 10 years



ABOUT TEMPLE

Temple University is a national center of excellence in teaching and research with an international presence. Temple offers nearly 300 academic programs to a richly diverse student population from the Greater Philadelphia area to campuses in Tokyo and Rome and programs in London, Beijing, and six other locations worldwide. Temple University's Health Sciences Center is home to the College of Health Professions and the Schools of Dentistry, Medicine and Pharmacy. The Center provides exceptional primary care to an underserved community as well providing tertiary and quaternary services that draw patients, faculty, and students from near and far.

"Crossbeam provides a platform that allowed us to deploy the security applications of our choice, at the 10 Gigabit speeds we require, without sacrificing performance."

Adam Ferrero

Executive Director of Network Service
Temple

CHALLENGE - ONE SIZE FITS ALL - FITS NO ONE

Their current network infrastructure and security applications operated fine under normal traffic loads but, they quickly became stressed during spikes or peak hours of use. Performance suffered and jeopardized the campus user experience.

The university needed a network infrastructure that could manage distance learning programs. They needed a network security infrastructure that could grow with their bandwidth requirements. And they needed to solve this problem before the new school year started, bringing 27,000 plus student users back to the main campus. Temple demanded different.

Temple needed a network security architecture that could scale linearly and inspect and manage all their network traffic efficiently. Temple needed their network "change ready" - ready to easily add and sustain new applications, users, and services -without disruption. Temple needed a network security provider that could meet all of these challenges. They needed to rethink their network

"We need a security infrastructure that can scale as needed and facilitate the increasing use of popular multimedia-based services for teaching, research and everyday communications," said Adam Ferrero, executive director of Network Services, Temple University "Crossbeam provides a platform that allows us to deploy the security applications of our choice, at the 10 Gigabit speeds we require, to protect users without sacrificing anything:".

SOLUTION - DEMAND DIFFERENT - ONLY FROM CROSSBEAM

Temple University deployed Crossbeam's X-Series Security Platform to secure campus-wide communications, including the communications to and from its 37,000-plus global student body. Crossbeam provided a flexible and scalable security platform to support the increasing volumes and spikes in network traffic.

Temple found Crossbeam's best-of-breed software partners provided a wider range of security application choice compared to other network security suppliers with their limited choices.

Crossbeam's Professional Services staff delivered architectural planning and deployment resources using Crossbeam's Professional service proven methodology. By demanding different- Temple deployed the new security service prior to the start of the new school year.

As Temple University quickly realized, only Crossbeam could meet all of their project goals. Crossbeam delivers a virtual network security infrastructure- all within a scalable and carrier-class platform. When combined with the best-of-breed security applications from Check Point and IBM Crossbeam came out the winner.

It's time to demand different - just like Temple University. It's time to rethink your network.

ABOUT CROSSBEAM

We improve the sophisticated networks of enterprises, government agencies, and service providers by architecting platforms that are more adaptable, high-performing, reliable, and secure.