



Touro College

In the midst of phenomenal growth and facility upgrades, Touro College called on Bluesocket to expand wireless service throughout the Manhattan, NY campus buildings and provide reliable network access to more than 12,000 students, faculty, staff and visitors. Built on BlueSecure™ Controllers and Access Points, the high-performance WLAN solution furthers the institution's mission to provide students and faculty with an outstanding academic environment.

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BLUESOCKET DEPLOYMENT AT TOURO COLLEGE

- Reliable network access for more than 12,000 students, faculty, staff and visitors in nine buildings situated in high-interference Manhattan, NY location
- Secure wireless access managed by six high-performance BlueSecure™ Controllers
- More than 100 BlueSecure™ 1500 series Access Points supporting Dynamic RF technology
- BlueView™ Management System gives IT administrators simplified WLAN management with centralized configuration and maintenance, policy-management, and monitoring capabilities
- Five BlueProtect™ Client Scanning licenses for increased endpoint security

Since its founding in 1972, Touro College has experienced continued growth and is currently educating approximately 17,500 students enrolled in various schools and divisions at more than 30 locations in New York, California, Florida, Nevada, Jerusalem, Moscow, Berlin and Paris. Beginning with the Manhattan, NY schools and administrative buildings, IT administrators are standardizing their wireless network with best-in-class solutions from Bluesocket.

Touro College

Touro College is an independent institution of higher and professional education. It prides itself on serving the general community in all its diversity, with special emphasis on supporting the Jewish community through preservation and enrichment of the Jewish heritage.

Touro College has a broad offering of professional and graduate programs in the areas of education, law, medicine, allied health sciences and business. Throughout its various programs, Touro College emphasizes academic achievement and quality in the context of a supportive and caring environment. The schools are staffed with practitioner-oriented faculty operating in high-tech facilities. In fact, technology permeates throughout the programs from new state-of-the-art computer labs in the Business School to a newly launched online education degree program that utilizes "Teacher Tube" enabling students to film themselves giving lesson presentations and upload videos to provide professors with a visual of their performance to review.

With impressive expansion to new domestic and international locations in the last decade, Touro College is focused on maintaining the high level of academic resources it is known for. Advancing these resources depends on access to cutting-edge technology to enable functionality, efficiency and innovation. At the root is the need for reliable and secure wireless connections throughout all schools and all locations regardless of size.

The Challenge for Touro College

Stand in any location in Manhattan and your line of sight is blocked by high-rise buildings. You are surrounded by cars whizzing by, cell phones buzzing, navigation systems calculating and people sharing information through a variety of handheld wireless devices. The high concentration of radio frequency signals surrounding Touro College's busy Manhattan locations create a challenge for reliable and secure wireless access.

Prior to the Bluesocket implementation, Touro College had limited wireless access through another vendor's Access Points. Administrators were inundated with complaints from students, faculty and staff reporting frequent dropped signals and inadequate access.

"The IT group was constantly fielding calls from students in dorms and classrooms complaining about poor wireless access and frequent dropped signals. The situation was disruptive to student learning and took up significant IT resources," says Robert Kariyev, Data Communications Manager at Touro College. "We struggled with how to resolve these issues and overcome the high-frequency interference." Despite a significant investment in an initial wireless solution from a well-known supplier and numerous trials with other vendors, the connectivity issues persisted.

On top of the core requirements for a high-performing wireless solution that could be depended upon in all locations at all times, Touro College sought a solution that could

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Robert Kariyev, Data Communications Manager at Touro College

Secure Mobility® Solutions



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manage the existing multi-vendor Access Points. This was a tall order for the competition but not for Bluesocket with the company's extensive expertise in third-party integrations.

The Bluesocket Solution

In search of a reliable solution, Touro College looked to John Antimisiaris, Vice President and CTO at Lincoln Computer Services for guidance in selecting a wireless solution. Relying on his expertise as a systems integrator, Antimisiaris assessed the existing network and platforms and recommend adding Bluesocket products to create a functional managed wireless solution. "We selected Bluesocket because they are the best solution in the market and we felt confident in recommending the BlueSecure™ Controllers to satisfy the College's need to centrally manage existing third-party Access Points as well as increase coverage by adding BlueSecure™ Access Points," says Antimisiaris.

Bluesocket provided Touro IT Administrators with a BlueSecure™ Controller and Access Points to test at the main campus. Touro was impressed with how the Bluesocket products performed versus hardware from leading competitors. "The Bluesocket wireless solution worked from the moment we plugged it in," says Kariyev. "Bluesocket's WLAN products are superior to any other we looked at. The performance issues we were experiencing with other vendor's equipment are non-existent with Bluesocket."

The initial Bluesocket implementation at Touro College covers nine academic and administrative buildings including the college headquarters, all located in Manhattan, NY, as well as buildings in Brooklyn and Queens, NY. The nearly 12,000 users at these locations, including students, faculty, staff and visitors now have secure and reliable wireless access provided by more than 100 BlueSecure™ 1500

series Access Points running on six high-performance BlueSecure™ Controllers.

The BlueView™ Management System gives Touro's IT administrators simplified WLAN management with centralized configuration and maintenance, policy-management, and monitoring capabilities for the BlueSecure™ Controllers and Access Points. "Our Manhattan schools are spread across multiple locations of varying sizes. The BlueSecure™ Controllers have the flexibility and strength we need to stay efficient. Just placing Access Points in the smaller locations works beautifully and we do not need Controllers in every building, maximizing our investment," says Mark Shor, CIO at Touro College.

Touro College continues to build out their Bluesocket wireless infrastructure as Bluesocket introduces new, cutting-edge products. Following the initial deployment, Touro College added five BlueProtect™ Client Scanning licenses for increased endpoint security. BlueProtect™ is an integrated element supported on all BlueSecure™ wireless Controllers to provide IT departments with the assurance that only policy-compliant devices connect to their wireless network.

"Bluesocket's wireless technology can be easily deployed in some of the most challenging environments," says Mads Lillelund, chief executive officer at Bluesocket. "The solution implemented at Touro College showcases the suite of products Bluesocket offers and the great ROI and performance improvements that can be achieved. We look forward to working with Touro to build out their wireless network across the globe."

Touro will expand the Bluesocket wireless solution to two additional buildings in Manhattan and plans to standardize on the Bluesocket products across all 30 domestic and international locations in the next few years. They are currently testing the 802.11n 1800 series Access Points and will continue to look to Bluesocket to bring them the most current wireless technology.