Wagner College
Revolutionising educational technology with the future of connectivity.

"This was a really good deployment from start to finish. A lot of it has to do with the product itself, and I think the other half is the support we got from the engineers to fine tune how we wanted to do things. It was nice to have the ability to customise how people would be connecting. That has been a big plus."

Joe Spina, Senior Director for Enterprise Systems, Wagner College

Wagner College is a liberal arts college in Staten Island, New York. The college has approximately 2200 students. Its small campus allows for staff and students to collaborate and build lasting relationships and take an approach to learning with practical application and hands-on research.

CHALLENGES

Wagner College buildings are older which allows for a historic campus feel. However, this creates a challenge for wireless and wired network infrastructure. Getting connectivity to class and residence buildings and numerous student devices has been an uphill battle. An increase in demand created by student and staff devices, and the rush to expand the network for remote learning in 2020, required greater bandwidth. All occurring while budget constraints have made it challenging to stay ahead of technology.

ACTION

Wagner College transformed its campus technologically with help from Alcatel-Lucent Enterprise solutions. With only one wireless access points per corner on each floor in the largest residence hall and with the number of student devices on the rise, Wagner provided limited connectivity. Installing feature rich, cost-effective Alcatel-Lucent OmniAccess® Stellar Access Points **enhanced coverage** and connectivity. Syncing OmniAccess Stellar with the Alcatel-Lucent OmniVista® Performance Management UPAM solution enabled Wagner to **increase management efficiency and security** at a fair price. The college now competes technologically with colleges around the nation.

PRODUCTS AND SOLUTIONS

Alcatel-Lucent OmniAccess Stellar Access Points
Alcatel-Lucent OmniVista 2500 Unified Policy Authentication Manager
Alcatel-Lucent OmniSwitch® 6450 Stackable Gigabit Ethernet LAN Switch
Alcatel-Lucent OmniSwitch 6860E Stackable LAN Switch

RESULTS
Technical benefits

- The OmniVista 2500 UPAM solution delivers one management interface for both wireless and wired
- Seamless wireless connectivity using OmniAccess Stellar Access Points delivers more bandwidth, connectivity and performance than previous outdated products
- Simplified roll-based access creates greater security
- Feature-rich wireless enhanced access in residence hall with active directory authentication using OmniAccess Stellar wireless

Financial benefits

- OmniAccess Stellar Wi-Fi syncs with OmniVista management saving time, effort and money
- No add-on charges for software fees or licenses, a huge advantage in management, while hardware is priced more competitively

User experience benefits

- OmniAccess Stellar creates one log in for user authentication, making lives easier
- ALE customer service, sales and engineers made a difference with helpful brainstorming across network improvements and next projects

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Customer Story

MARKET: EDUCATION	**COUNTRY:** UNITED STATES	**COMPANY:**
DEAL IMPLEMENTED: JULY 2021	**NUMBER OF USERS:** 2200	**WAGNER COLLEGE**