



SYRACUSE UNIVERSITY, SYRACUSE, NEW YORK

Network Master Plan

Communications Infrastructure Project (including Wireless)

Project Description

Design new equipment rooms, voice/data outlets for work spaces and wireless access points for 30+ buildings on Syracuse University’s campus. Our team consistently met the challenge to design new technologies in buildings constructed over 100 years ago in a variety of architectural styles.

An important aspect of this project is for the design and construction services to be transparent to daily campus activities. To attain this goal, at the inception of each building design, we include detailed investigations of the structure and its functions. The progress of each phase incorporated our focus to isolate the building occupants from any intrusive aspects of the construction.

Challenges

- Coordinating with various campus departments to ensure all systems remain operational during construction while simultaneously upgrading existing systems.
- Designing cable pathways in unobtrusive locations to maintain the architectural integrity of the buildings while observing current codes and design criteria.
- Maintaining a work flow that allowed each project the necessary design attention without slowing the campus-wide installation process.

Statistics

Total Program Cost	\$ 15,000,000
Firm Responsibility Cost.	12,000,000
Completion Date	2014

Project Contact

Please call 585.424.1952 for references or visit our website for more [project profiles](#).

ARCHI-TECHNOLOGY’S ROLE

Functions

- Budgeting
- Strategic planning
- Design/construction management services

Systems Designed And Coordinated

- Exterior conduits and entrance facilities
- Associated backbone and horizontal cabling
- Voice and data systems
- Wireless technologies
- Campus-wide, comprehensive fiber optic LAN design rolled out over three years.



Technology Consultants for the 4th Utility

