

### UNIVERSITY AT ALBANY, SUNY DATA CENTER

Albany, NY

Construction Cost: \$200,000 Size: 10,000 sq-ft

The University at Albany Data Center contains equipment and systems to support the University's research, information, storage, and telecommunication services.

RAN Fire Protection Engineering assisted SUNY in identifying alternate sites to relocate the new main data center. Included in the study was a "blueprint" for a state-of-the-art Data Center design that identified the basic and specialized building systems necessary to support this function as it related to the overall campus. Our engineers identified the basic specialized building systems necessary to support the relocation.



### Disaster Recovery Print Room

Liverpool, NY

Construction Cost: \$42,000 Size: 8,400 sq-ft

RAN Fire Protection Engineering was retained to provide fire protection engineering services for the renovation of the District Offices of the New York State Insurance Fund. The scope of the project was to provide a new Alternate Disaster Recovery Print Room. RAN provided the design for the conversion from a wet-sprinkler system to a double-interlock pre-action sprinkler system for the new print room, the design included the layout of a new clean agent system, and an upgrade of the existing fire alarm system. The clean agent system provided fire

protection without the risk of water-based damage to sensitive equipment within the print room.

### OFT DATA & NETWORK CENTER

Albany, NY

Construction Cost: \$766,000 Size: 30,000 sq-ft

The OFT Data & Network Center located on the 3rd and 4th floors of the Ten Eyck building needed to upgrade their fire detection and suppression systems as they were beyond their useful lifespan. Engineers from RAN Fire Protection Engineering developed criteria for the installation of an air sampling detection system that was interconnected to a sapphire suppression system and a double interlock pre-action system. The final design allowed for quicker detection and suppression of a fire within the data center housing 13 different state agencies.

