



MTA LI Bus Security Access Control Card System

The scope of this project involved providing a network addressable Security Access System (central server type or distributed control type) with a database that will accommodate LI Bus employee population at four facilities in Long Island. Under the above project, Long Island Bus (a subsidiary of Metropolitan Transit Authority-MTA) will upgrade the security systems at several of their facilities. The locations currently selected for this up-grade are:

- Mitchell Field
- Rockville Centre
- Hempstead Transit Center
- Para Transit

AG designed a system for each facility with expandable capability for perimeter CCTV camera, parking lot CCTV and barrier gates. The system although stand-alone, will also have the capability to interface with the Fire Alarm, BMS and CNG Detection systems. As the designers, analyzed:

- If the magnetic stripe cards that the end-user is currently using is cost efficient, or should the proximity card be introduced.
- The means in which emergency power will be provided to the security system. This entails calculating the capacity of the existing emergency system (i.e. UPS or generator), before introducing the security load.
- Examine the hardware on the doors that will receive security access.
- The needs of the IT Group.
- The location of the new security equipment (server etc).
- The adequacy of the existing F.A. System and recommend necessary modifications.
- Review the impact any on going or anticipated projects will have on the Access Control System.



A.G. CONSULTING ENGINEERING, PC

Location:

Long Island, NY

Owner:

MTA Long Island

Services Provided:

Electrical

Security & Communications

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