



## SAFRA National Bank of New York

SAFRA National Bank is a private international banking provider offering a range of services to meet the needs of “high net worth” individuals and their businesses. The project scope included renovating the existing 2nd floor of 546 5th Avenue, and construct new office spaces on the 2nd, 3rd and 4th floors of the neighboring building 550 5th Avenue. SAFRA’s existing offices and Data Center in 546 5th Avenue will move into the newly renovated spaces. The two buildings will have a passage between them on the 2nd floor. EP Engineering is proud to have provided a complete engineering solution for this project; Mechanical, Electrical, Plumbing, Sprinkler, Fire Alarm and Telecommunications.

### Challenges:

- SAFRA Bank couldn’t afford to have any downtime for their data center operation.
- SAFRA’s data center and a many of their employee workstations needed to be provided with backup power in case of a utility power failure, however capacity on the generator back-up system for the building was limited.

### Achievements:

- EP Engineering carefully coordinated with SAFRA IT staff to determine their specific requirements to ensure that the proper structured cabling “bridge” between the existing data center and the new data center was provided. This would allow SAFRA to have a seamless switch over.
- EP Engineering developed comprehensive “Load Priority” schedules through detailed interviews with SAFRA IT executives, to ensure the most important loads are provided with generator back-up power during a utility failure, while keeping within the capacity of the generator.

### Location:

546 5th Avenue  
New York, NY 10038

### Size:

17,000 SF

