



United Parcel Service (UPS) is the world's largest package distribution company. UPS at Newark Airport is responsible for the sorting and distribution of packages bound globally. At Newark Airport the constraints and limitations of the UPS site have made it difficult to expand to their growing needs. The primary problem is the lack of space availability to stage or park additional aircrafts at the facility. The UPS facility at Newark Airport was looking to expand the aircraft staging area in order to accommodate their projected growing volume needs for the year 2005.

Through survey, benchmarking, cost estimation, construction analysis, and cost-benefit analysis, the team constructed the best possible solution for the client. The team's solution to the problem involved the acquisition of two pieces of land, which is essential for any possible growth at the Newark Airport facility. The acquisition of this space from the Port Authority of New York and New Jersey (PANYNJ) means the additional staging of three aircrafts that would give UPS the ability to accommodate the increasing volume.