Case Study: Large Phone and Internet Company

Challenge

A large phone and internet company hired Shields Equipment & Services to remove 2,000lb cabinets of obsolete phone equipment at one of their Dallas, TX facilities. They had to find a way to get the equipment down a 42" flight of stairs inside of a building and subsequently out the third story window to ground level.

Solution

Bluff product specialists went on site to identify all obstacles and gain further insight into the unique elements of the application, and a custom solution was developed as part of a collaborative team. A modular ramp was designed to meet the extreme demands of this unique application.

Bluff’s engineers borrowed key design elements from cat walks and conveyor crossovers to fabricate a 5-piece modular ramp that could be brought into the building, in pieces, using a pulley system. Once inside the building, the pieces were bolted together to form a 46” wide x 198” long, adjustable height ramp, similar to a Bluff yard ramp. After the cabinets were successfully moved down the stairs using the modular ramp, they were able to be removed through the third story window using a forklift and crane. The modular ramp pieces were then able to be moved out the third story window in the same manner.

Overview

Site visits and thinking outside the box are a winning combination when coming up with ideas for complicated customer applications. Where space and obstacles require a unique product design to move the materials, Bluff provides the solution.