

CASE STUDY



Legal

Shook, Hardy & Bacon, LLP Kansas City, MO
World Headquarters



LEGAL:

The international law firm of Shook, Hardy & Bacon planned to move its world headquarters into a custom designed 24-story, 683,000 square foot building located in the Crown Center Complex of Kansas City. This premiere facility would have room for growth and include open

office settings that could be easily reconfigured as required. Storage would be needed for private offices, training rooms, conference rooms, exhibits, and libraries on multiple floors.

CHALLENGE:

Shook, Hardy & Bacon needed multiple filing and storage systems in its world headquarters being completed in Kansas City by the nationally recognized architectural firm of HNTB. Opting for all new systems, the company wanted to store a great variety of items: legal filing in pocket folders, boxes, 3-ring binders, legal books, notebooks, presentation material, mock evidence, exhibits, and poster-

sized photographs. The filing requirement alone equated to over nine miles of files.

The new building presented even more system design challenges because of ceiling height restrictions and floors that varied in height. In total, over 11 floors would require storage.

SOLUTION:

Shook, Hardy, and Bacon turned to their Kansas City Aurora dealer to handle the complex design. The law firm thought about integrating their old system with a newer addition, but elected to go with [°]all new equipment.

Multiple Aurora Low Profile Mobile systems were recommended that would capitalize on height, gaining an additional tier of shelving over a conventional mobile system, while still complying with sprinkler fire codes.

The Aurora Dealer worked closely with the client, interior designer, and the architects to determine the multiple systems that would meet the law firm's requirements. They met with users from each department and conducted a very detailed needs analysis including:

Although four or five other competitive firms were involved in this bid, Shook, Hardy & Bacon awarded the job to the Aurora dealer, primarily due to the extensive groundwork and detailed floor loading calculations they provided.

- What was the work flow in each department?
- Could we improve productivity and accessibility while increasing accuracy and retrieval times?
- Was security an issue?
- Did all systems need to be ADA compliant?"

Even though this was new construction, there were floor leveling problems. The installers built a grout mixing tent around the work area to avoid the dust that grouting usually kicks up.

Ceiling height restrictions and lower floor heights on certain levels called for very creative design to maximize storage. As with any large high-density storage system, floor loading issues and fire code compliance were of paramount importance to the architects. The building was specially designed for high-density loads, and the calculations for projected weight loads provided by the dealer were actually incorporated by the architect into the construction plan.

For weeks three or four truckloads per week of shelving and carriages were delivered to the work crew. In total over 233,740 pounds of shelving were used in 15 separate mobile systems. The largest of the systems, over 175 feet long, is so expansive it gives the viewer an impression of infinite length.

Shook, Hardy & Bacon was extremely pleased with their Aurora Mobile systems --- all 15 of them!

