



Holland Storage Systems, LLC
Dynamic Storage Solutions



10875 Chicago Drive • Zeeland, MI 49464 • Phone: 616.499.7666 • Fax: 616.772.2068 • sales@SpeedCell.net

Subject: Darice Inc. Case Study

Company: Darice Inc., a leading distributor of crafts supplies.

Problem/Opportunity: Darice faced the common problem of needing to nearly double the number of SKU pick-faces in their warehouse. They were landlocked, out of warehouse space, and needed a solution...fast.

Options: Find or build a new warehouse, find room in their existing warehouse to install a rack-supported pick module, other major warehouse redesigns, or implement the **SpeedCell® Storage Solution.**

Solution: Darice chose to install 88 bays of SpeedCell® in a 20,000 sq. ft. area in one of their warehouses. This installation provided almost 12,000 individual SKU locations or "cells". By optimizing their forward-pick areas with SpeedCell®, they were able to fit 50% more SKU's in the same space than had been possible using traditional storage systems.

These space utilization improvements continue to pay dividends because SpeedCell® has also improved Darice's overall order-picking efficiency. The increase in pick-face density means that their order-picking personnel don't have to walk as far to access the same number of SKU's. Time-studies have shown that the majority of the average Picker's time is spent *walking* between picks, so anything that reduces that pick-path distance improves labor productivity. Now their Pickers simply spend less time walking & more time picking.

Results / ROI Implications: Darice was able to add thousands of SKU locations while still utilizing the same warehouse footprint, and ultimately improve pick-ability/efficiency by 20-30%. By compressing the amount of floor space required to hold 50% more SKU's, Darice has dramatically increased the number of pick locations, allowing them to increase the number of orders pulled per day per FTE, while at the same time allowing them to put off adding additional staffing or making major site alterations. This increased storage density and labor optimization has allowed Darice to improve the SKU-selection & variety it can offer to its customers, which can be a critical differentiator in their industry.

Overall this project has been deemed a great success.

