

Case Studies

Manufacturing Company

Business Objective

Eliminate reliance on expensive refrigerated warehouse space, intake more scrap product faster and at a lower cost, and plan for the addition of a new manufacturing facility.



SimpleRose Solution

SimpleRose worked with a manufacturing company to understand their raw materials intake process and together uncovered new insights that changed the way they thought about their business. SimpleRose developed a custom web application that can be run regularly to minimize their expected freight cost over the upcoming 12 months for one of their lines of business. This lets the company plan out their production schedule and allocate which of their suppliers each production facility is going to use for the upcoming year. This planning not just minimizes their freight costs but allows the production facilities to have more consistent inventory levels. Not having to worry about carrying additional inventory means they can completely reduce their dependence on refrigerated warehouse space, which they had spent over **\$2.5 million** on in the 18 months prior to the project.

In addition to optimizing the company's yearly strategic plan, SimpleRose developed another application that takes their strategic plan and allows them to use it on a daily basis, recommending each day which freight movements should happen. This application accounts for both the yearly strategic plan as well as the day-to-day perturbations in the business, using their own live data.
