



## Simplot Phosphates, LLC realizes ROI with Autodesk Inventor®

### → THE CUSTOMER

Simplot Phosphates, LLC is part of the Mining & Manufacturing Group of privately held agribusiness company J.R. Simplot Company. With facilities throughout the western United States and Canada, the Mining & Manufacturing Group is focused on meeting the needs of its customers through the environmentally conscious extraction of natural resources, the manufacture of fertilizers that help make modern agriculture a miracle of productivity, and distribution of the highest-quality agricultural products.



Aerial Photo of Simplot Phosphates, LLC facility located in Vernal, Utah.

### → THE CHALLENGE

Simplot Phosphates, LLC wanted to reduce fabrication time and produce more detailed and accurate 3D data and designs for projects.

### → DESIRED OUTCOME

It was important for Simplot Phosphates, LLC to leverage the accuracy that could be achieved through a three-dimensional design process. "Inventor would allow us to complete detailed projects faster than would have been possible with 2D drawings," stated CAD Manager, Bruce Harvey.

### → THE SOLUTION

The Autodesk Inventor product line was the best choice for Simplot Phosphates, LLC because it provided manufacturing with the benefits of 3D design and a secure transition from the 2D processes.

"IMAGINiT provided excellent training. I have been to various training sessions with other companies and what I expected and what I got were two very different things. The training IMAGINiT provided was informative and I walked away from the course feeling empowered and knowledgeable on how to accelerate and improve our design processes. Now, my contributions to the company are more valuable because I'm more efficient with my daily tasks. I am more confident in my ability to draw and design in a 3-dimensional environment," added Bruce.

### → THE RESULT

Bruce has experienced a dramatic reduction in the time required to create and revise part and assembly drawings in Inventor. "Generating parts and assemblies from real-world designs gives me much more to work with when compared to AutoCAD®. Once I was up to speed with Inventor and the 3D capabilities, it decreased the time I spent in the drafting process by 30%," acknowledged Bruce.

The functionality inherent in the software design helps associate parts in a way that allows for dynamic modifications. "When mechanics are out in the field working on the designs, they will typically come back for additional drawings. Using AutoCAD it took a day or two to complete the drawings. With Inventor, we are able to get the drafting designs and the layout completed much quicker. I estimate that it has decreased my overall time by 50%," concluded Bruce. He expects his time will be trimmed even more with additional training on the vast tools available within Inventor.