



Account for your project costs.

IET worked with The Andersons to develop software to aid in project estimating, cost tracking and accounting functions

The Customer

The Andersons custom fabrication shop provides steel fabrication for rail car repair as well as welding mild steel, stainless steel and aluminum. They also make machine replacement parts, such as shafts and bushings.

The Challenge

Estimating of new jobs is a time consuming process that lacked a repeatable methodology. In addition, the client lacked the ability to accurately track the cost of the job to compare performance to the estimate. IET developed a software program to track estimating, project cost, inventory and accounting functions associated with a custom fabrication job.

The program had to provide a method of estimating new jobs from drawings and tracking the cost of the job in order to continuously improve the estimating process and provide an accurate portrayal of the state of the business.

The Solutions

IET developed a database solution that provided the custom fabrication shop with the ability to enter estimated material and labor requirements and to track the actual cost of material, overhead, direct and indirect labor. Additionally, the program included modules for inventory control, purchasing, invoicing, scheduling, and profit & loss reporting.

The number of project managers required was reduced from 4 to 2 while more consistent estimates based on actual costs reduced losses. In addition, accurate reporting of job costs and the state of business could be generated at the touch of a button. Finally, inventory was reduced and inventory turnover was increased.

"This system provided tremendous integration of our shop systems and drove our improvement effort."

General Manager

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How can IET help you?

Any way you need us to.

Productivity

Current production standards

Current production performance

Detailed reasons for variances

Detailed plan for improvement

Goal-setting, accountability

Capacity planning

Key capital resources

Direct and indirect labor

Salaried personnel

Facilities

Support

New manufacturing

Detailed process map

Layout

Facilities

Labor

Support

Indirect labor design

Standards

Material handling

Supervision

Maintenance

Plan for improvement

Total value analysis

Make vs. buy

Site selection

Consolidation

Vertical integration

Horizontal integration