

Success Story

SupplyPoint® is a web-enabled proprietary database designed to help small and medium sized enterprises (SMEs) expand their business by assisting them in the quote submission process. The program works by matching your company's profile with the quote requirements. Currently, more than 6,500 SMEs are registered in SupplyPoint.®

SupplyPoint® is ready to assist the small manufacturer to access the power of The Center for Supply Chain Integration and Risk Management.



Fixtures mounted on company's Mori-Seiki Tombstone

SupplyPoint® Reduces Labor Costs by 88%

Requirement:

A major first tier defense contractor was having difficulty reducing the cycle time and costs related to the production of a component to the latch lock assembly for the large cargo door for Boeing 737 (P-8A Poseidon). One part required six setup operations, six hours of setup and 48 minutes of spindle/run time. The second part required six setup operations, over 10 hours of setup time and 114 minutes of spindle/run time.

Solution:

Based on the data gathered, a turn-key rapid production package was developed specific to the machine being utilized for the production of the part and new fixtures were developed. The result of this effort lead to the following improvements:

Measure	Original	Actual Improvements
	Setup Operations	6
Setup Time	10.5 hours	2 hours
Spindle/Run Time per part	114 minutes	37 minutes
Reduction in Labor		80 percent
Production Cost	\$1,116	\$235

65 4-axis horizontal turning machines in 32 companies in 11 states (CT, FL, GA, KY, MA, ME, OH, PA, RI, UT, VT)