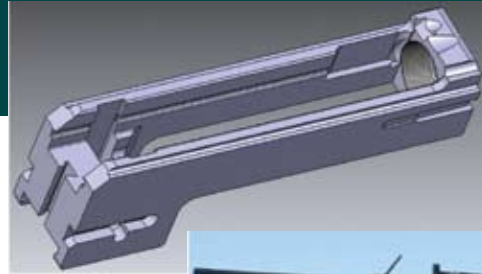
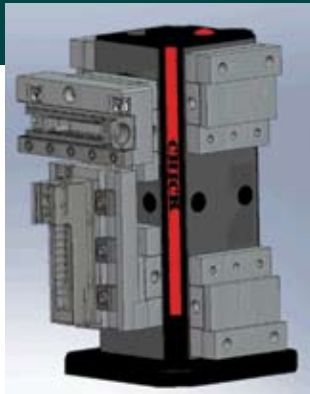


## Success Story

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.



### SupplyPoint® Improves Production of Barrel Extension Requirement:

The Rock Island Arsenal Joint Manufacturing Technology Center (RIA/JMTC) had been experiencing shortages in barrel extension spare parts. Issues in manufacturing had led to cracking during milling of forged parts leading to significant delays in production with average lead times of three months.

#### Solution:

SupplyPoint® personnel met with company personnel and reviewed all relevant information related to the production of the parts, from engineering, programming to production. Based on data gathered, turn-key rapid production packages were developed specific to the machines being utilized for the production of the parts. The result of this effort led to the following projected improvements:

Process	Rock Island	SupplyPoint®
Machining operations	12	4
In-process inspections	4 with quality control	1 on the CNC machine
Setup time	40 hours	10 hours
Different CNC machines	3	1
Special tooling requirements	5	2
Lead time for delivery	9 to 18 months	3 months
Machine cycle time	96 minutes	49 minutes
Production Cost	\$687 per unit	\$378 per unit

Rock Island Arsenal purchases 10,000 units annually. At a unit price savings of \$309, the Arsenal would realize savings of \$31,000,000 over 10 years. There are 65 4-axis horizontal turning machines in 32 companies in 11 states.

This project was funded in part by a contract from the U.S. Department of Defense, Defense Logistics Agency.