MID-AMERICA MANUFACTURING TECHNOLOGY CENTER (MAMTC)

The Mid-America Manufacturing Technology Center (MAMTC) was founded in 1991 with a simple purpose: to help companies realize never ending growth in the rapidly changing global marketplace. MAMTC is a not-for-profit corporation that is supported by a public and private partnership of Kansas companies, the Kansas Department of Commerce and the National Institute of Standards and Technology Manufacturing Extension Partnership (NIST MEP). NIST MEP is part of the U.S. Department of Commerce with a mission to help make American businesses more innovative at home and more competitive abroad.

MAMTC works directly with area manufacturers to provide expertise and services tailored to their most critical needs, ranging from process improvement and workforce development, to business practices, exporting and supply chain. Additionally MAMTC connects manufacturers with government and trade associations, universities and research laboratories and a host of other public and private resources to help them realize individual goals.

CONTACT US

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ECONOMIC IMPACT

MEP Center impacts are based on clients surveyed in FY2018

- $235.5 Million Total Increased/Retained Sales
- 3,448 Total Increased/Retained Jobs
- $127.5 Million New Client Investments
- $70.1 Million Cost Savings

The MEP National Network™ is a unique public-private partnership that delivers comprehensive, proven solutions to U.S. manufacturers, fueling growth and advancing U.S. manufacturing.
FLOUR MILLER OBTAINS ENERGY EFFICIENCY SUCCESS

ABOUT GRAIN CRAFT, INC.. Grain Craft is the largest independent flour miller in the nation, offering premium bulk and bagged flours for baking, foodservice and pizza industries—including custom proprietary blends. Headquartered in Chattanooga, Tennessee, Grain Craft has 15 milling facilities spread throughout the country, including three flour mills and one satellite office in Kansas.

THE CHALLENGE. Grain Harvest had long been investigating energy efficiency best practices and cost savings, but in the midst of plans for facility mergers, the company invested in other areas of the business. Finally, after the merger of three mills into one brought tremendous growth to the company, Grain Harvest reached out to the Mid-America Manufacturing Technology Center (MAMTC), a NIST MEP affiliate, for assistance in identifying energy savings opportunities. Through its partnership with Wyandotte County Economic Development (WyCO EDC) and the local utility, Kansas City Board of Public Utilities (BPU), MAMTC offered an Energy Efficiency Rebate Program to Grain Harvest, providing extra incentive to move forward on much-needed improvement projects.

MEP CENTER'S ROLE. MAMTC worked with Grain Craft to identify, prioritize, quantify, and implement several opportunities in the facility to produce significant energy savings. Further, MAMTC managed all parts of the process, from the initial energy audit to managing the installation of new systems. This included writing specifications of equipment, receiving bids, and verifying the systems once they were in place.

Grain Craft replaced outdated and poorly functioning lighting on several floors in the mill, replacing old metal halide light fixtures with highbay, food-grade LED lighting fixtures throughout 40 percent of the facility. Occupancy sensors ensure the lighting is only turned on when there is activity in the area. Employee feedback has been resoundingly positive as the new fixtures provide much brighter light, enhancing the work area while also addressing long-standing safety concerns. Grain Craft is retaining jobs and increasing sales and plans to further implement energy savings measures identified by MAMTC.

"The MAMTC/BPU energy efficiency partnership allowed us to implement a lighting project that was much needed but that we would not have been able to implement for several years. The team at MAMTC is very knowledgeable and easy to work with."

-Pat Eberly, Plant Manager

RESULTS

- Increased/retained $75,000 in sales
- Increased/retained 2 jobs
- Cost-savings of $56,000
- Investment of $62,000
- Upgraded lighting for 40% of the facility