



## MAP<sup>3</sup>: Methodical Assessment of Printed Parts and Processes

In your effort to remain competitive in today's global manufacturing marketplace, are you striving to drive cost reductions throughout your supply chain? Are you focusing on production costs and materials in order to survive and prosper? Do you treat your printed production parts, such as labels and technical literature, as a commodity? Did you know that depending on your total spend, you could realize double-digit cost reductions in the area of printed production parts with a proper assessment of your manufacturing processes?

To fully realize the savings potential in this area, Taylor offers an in-depth analysis program: The Methodical Assessment of Printed Parts and Processes, or MAP<sup>3</sup>.

### Driving Process Improvements and Cost Reductions

The MAP<sup>3</sup> consists of a well-organized and documented approach toward analyzing the fit, form and function of all printed production parts and driving cost reductions via a number of process improvements. Our highly trained team of technical consultants looks for opportunities for material consolidation, re-engineering and substitution as well as die size reductions and migration to technology solutions, all through six clearly defined stages:

1. Pre-assessment data gathering
2. Plant-level assessment
3. Data entry/specification organization including samples, engineering prints and performance requirements
4. Cost reduction project identification
5. Formalized cost savings report
6. Implementation

### Driving Cost Savings

The MAP<sup>3</sup> has a strong record of success in reducing total cost of ownership for many manufacturing organizations. This well-documented process is typically implemented with very limited customer manpower requirements. Taylor has refined the process to ensure that there is very little interruption to you and that the process requires less than a full day on-site.

**"We chose Taylor because they have the people, processes and technology to truly drive cost savings and change the way we do business."**

*– A lead engineer with a global industrial automation power provider*



## The MAP<sup>3</sup> Process

### Pre-Assessment Data Gathering

An experienced team of professionals conducts in-depth interviews surrounding your printed parts environment. Particular emphasis is placed on performance requirements, agency compliance requirements and supply chain challenges. We then decide together if you should move forward based upon the findings of this high-level meeting.

### Plant-Level Assessment

A team of highly trained product engineers conducts an on-site assessment of your facility. This team meets with key contacts, including engineering and production. They perform an in-depth analysis of your performance requirements as well as extensive analysis of the various label materials in use. Finally, the team conducts an on-site production floor analysis utilizing Lean Six Sigma methodology. This team is focused on uncovering opportunities for cost reduction via:

- Material functional replacement
- Material and die size reductions
- Part elimination/SKU reduction
- The use of technology

### Data Entry/Specification Organization

The technical team analyzes your environment by loading the collected data into analysis tools and performing a more detailed assessment. This confirms the original opportunities for cost reduction uncovered in the first two phases. By more closely analyzing a cross section of the production part spend and comparing samples to engineering drawings and performance requirements, the technical team validates and quantifies the actual savings potential.

### Cost Reduction Project ID and Formalized Cost Savings Report

The outcome of the in-depth analysis is a detailed listing of potential cost reduction opportunities. These opportunities are organized into a formal report that details the current situation, the potential issue or opportunity, the suggested method to achieve the savings and the projected hard dollar impact if implemented.