

Case Study: Steel Door Manufacturer

Opportunity

- A steel security door manufacturer needed to determine their current-state level of efficiency, identify and then drive improvements for cost savings.
- Many time study methods were considered, but MODAPTS was chosen as the company standard for its accuracy as well as its ease of use.

Scope

- Analyze and conduct MODAPTS studies on all operations.
- Identify option variants and bottlenecks.
- Create standard variants utilizing MODAPTS data.

Successes

- The MODAPTS data was utilized to piece together a batch of 7 low, 3 medium, and 2 high complexity products, with MODAPTS standards on each variant.
- The new build schedule was implemented to eliminate bottlenecks.
- The new product mix delivered an annual savings of approximately \$450,000 through efficiency and throughput gains.

