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**DNA Consulting Group LLC**

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## Company Overview

**We are Operational Excellence professionals with over 25 years of combined manufacturing and process improvement experience. We believe every company has the "DNA" to become great and achieve Operational Excellence.**

We help companies become more productive. We leverage Lean and Six Sigma principles to identify performance gaps and deliver sustainable solutions. For rapid solutions, we can conduct Kaizen Events on focused areas. For more comprehensive solutions, our team can perform a complete process assessment with road map to eliminate losses and control measures to sustain improvements.

## Company Highlights

- Minority-Owned Business
- Certified Lean Six Sigma Black Belts
- NAICS codes: 541614, 541330
- Regional and National Capabilities
- Industries we serve: Consumer Goods, Industrial, Healthcare and Government

## Success Stories

### Automation Integration of Packaging Line

**Situation:** Due to the manual packaging process, the production line had a high number of shop floor employees.

**Task:** Convert packaging process to become automated

**Action:** Redesigned critical packaging equipment to become automated. Established equipment centerlines, home settings, standard operating procedures and routine checklists.

**Results:** Production output was increased by 25% and headcount was reduced by 50%. Over \$10,000,000 annual savings.

### Industrial Oven Optimization

**Situation:** Due to inconsistent oven operation, nearly 25% of the cookies were being baked outside of height specification. The inconsistent height disrupted downstream operation.

**Task:** Determine root cause(s) driving the height variation.

**Action:** Performed a series of DOEs to understand oven performance and assess potential factors.

**Results:** Critical factors were determined which led to redesign of oven baking profile. Defects for height variation was reduced to less than 1%. \$417,900 annual savings.

### Indoor Farming Process Standardization

**Situation:** Inconsistent growing duration made it challenging to provide customers with shorter delivery window

**Task:** Assess value stream to uncover process opportunities

**Action:** Through process mapping and observations, determined the need for standardization. Created standard work for medium preparation, seeding, germination care, nursery care, transplanting, irrigation and order fulfillment.

**Results:** In addition to reducing delivery window by just under a week, plant growth consistency and presentation was improved.

## Key Expertise Areas

- **Lean & Six Sigma Training**  
We provide lean, six sigma "green belt" and other continuous improvement training to help establish or enhance your team's process improvement capabilities.
- **Process Assessment**  
We assess the capability of your process and determine the key losses affecting your bottom line. We will provide the road map to eliminate losses and control measures to sustain improvements.
- **"FAST" Debottlenecking**  
Utilizing our "FAST" methodology we can quickly unlock speed improvements to make immediate impacts on the bottom line.
- **Kaizen Events**  
We facilitate a rapid problem-solving event (5 days) aim to accelerate process improvement through the structured approach of DMAIC.
- **Process and Value Stream Mapping**  
We help define or redefine your process through Flowcharts and Value Stream Maps. We help bring clarity to complex processes and highlight non-value added activities such rework loops, sign-offs and redundant steps.
- **Process Standardization**  
Through the use of standard operating procedures (SOP), one-point lessons (OPL), Home Settings, 5S or other standards, we determine best practices that will improve efficiency and ensure consistency.
- **Quick Changeovers (SMED)**  
We leverage SMED (Single-Minute Exchange of Dies) to significantly reduce the time it takes to complete equipment changeovers.
- **Autonomous Maintenance**  
We can elevate operator engagement and effectiveness through the use of Autonomous Maintenance Principles.
- **Focus Improvement Teams**  
We can help establish and train onsite personnel to become Focus Improvement Teams. The team will be trained to identify losses, implement improvements and deliver results on PQCDMS (Production, Quality, Cost, Delivery, Safety and Morale).
- **Root Cause Analysis (RCA)**  
We use a systematic approach for identifying root causes of process failures and determine countermeasures to prevent reoccurrence.

## Notable Companies We Worked With and For

