DESIGN SYSTEMS, INC.

Manufacturing Engineering & Consulting

Excellence by Design

Data Driven Master Planning

Creating Actionable Intelligence

Integration is the Path to Success

Traditional manufacturing operational models have unfortunately evolved into "silos" where functional areas lack necessary integration. This lack of integration leads to improper business practices across all disciplines. A **Master Plan** can identify the interoperability of unique areas and design the necessary communication and data streams between systems and functions.

The key to success is exploiting opportunities for optimization throughout the operation and eliminating obstacles along the way. A **Master Plan** will create a plant-wide vision by involving all stakeholders to commonize a list of objectives aimed at reducing or eliminating potential challenges and constraints.

Data is being produced in mass quantities through ERP, MES, PLCs, and a multitude of other sources. A **Master Plan** will convert that data into Actionable Intelligence.

The Right Data to the Right People at the Right Time

Companies with multiple plants need to determine which locations show the greatest need for optimization. The **Master Plan** will provide guidelines (standardization, lean principles) and conduct data driven analyses to determine opportunities for optimization (automation, manpower reduction and redistribution, material flow).

The DSI Advantage

Design Systems Inc has been helping clients improve their operations for decades.

- Focus on solving "*on the floor*" challenges, delivering immediate ROI.
- Data driven methodology to provide objective analysis rather than assumptions.
- Utilize our extensive lean experience to identify and implement Best in Class across all industries.
- Technology agnostic: We are a solutions provider, not an equipment supplier.

Real-World Applications

Master Plans provide our clients with the framework to accomplish key objectives:

- Minimize reliance on manual labor.
- Increase productivity and throughput through automation and lean initiatives.
- Improve visibility across operations with accurate, real time data.

DSI DELIVERS

- Clear Master Plan and its benefits.
- Opportunities for savings, performance improvements.
- Roadmap for the future.

DESIGN SYSTEMS FAMILY OF COMPANIES

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