

DESIGN SYSTEMS, INC.

Manufacturing Engineering & Consulting

Manufacturing IT Solutions

Plant Visualization and Alarm Monitoring Quick Reference Guide

Our Manufacturing IT Solutions offer off-the-shelf functionality designed to eliminate the typical challenges encountered in manufacturing. They are highly scalable and cost effective and can be seamlessly integrated into new or existing processes with great ease. Plant Visualization and Alarm Monitoring gives you the ability to not only view but analyze the production process. This solution provides measurable metrics that can help drive more effective performance and reduce costs.

The Technology

Visualization Screens

Puts real-time information in the hands of those who need it

Production Reports

Drive production meetings with facts, figures and trends

Maintenance Reports

Keeps maintenance operations on task with statistical analysis

Process Specific, Real-Time Screens

Delivers process-specific KPIs on customized screens

Historical Data-Mining and Analysis Tools

Provides deep analysis of trends and effects of improvement efforts

Additional Resources

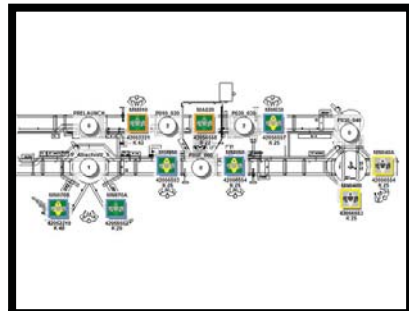
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"BOTTOM-LINE" RESULTS

- Increased visibility and control
- Quick identification and resolution of production bottlenecks
- Enhanced efficiency through visible KPIs
- Continuous improvement supported by scheduled production and maintenance reports

Customer Challenges

- Excessive Downtime
- Production Bottlenecks
- Complex Automation
- Low MTBF / High MTTR
- Lack of Production Measurables
- Staggering Continuous Improvement



Line Statistics Last 24 Hours

7:00 am to 7:00 am

Time Period	Total Parts Built	Target Parts Built
07:00 - 15:00	294	360

Plant Visualization and Production Report

PLANT VISUALIZATION and ALARM MONITORING



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