



# DESIGN SYSTEMS, INC.

Manufacturing Engineering & Consulting

## Manufacturing IT Solutions

**Maintenance Support** **Quick Reference Guide**

Our Manufacturing IT Solutions offer off-the-shelf functionality designed to eliminate the typical challenges encountered in manufacturing operations. They are highly scalable and cost effective and can be seamlessly integrated into new or existing processes with great ease. Maintenance Support tools are designed to help you increase the efficiency of your facility through the reduction of unplanned downtimes and better preventative maintenance.

### The Technology

**Alarm Annunciation and Alerts**

Increases maintenance teams reaction times with visual and mobile alerts

**Reactive Maintenance Management**

Generates and manages maintenance orders based on unplanned events

**Preventative Maintenance Management**

Prevent unplanned downtime with preventative maintenance triggers

**Integration with Maintenance Systems**

Seamlessly integrates with your systems or functions as a stand alone solution

**Continuous Improvement Reports**

Focuses continuous improvement efforts through fact driven event reports

### Customer Challenges

- Excessive unplanned stoppages
- Lost production
- Lengthy maintenance reaction times
- Ineffective planned maintenance strategy
- Lack of improvement benchmarks

### Additional Resources

[dsidsc.com/mits](http://dsidsc.com/mits)

### "BOTTOM-LINE" RESULTS

- Faster reaction to unplanned stoppages
- Better prepared maintenance staff
- Improved focus for preventative maintenance activities
- More disciplined maintenance processes

Alarm	Alarm Description	Alarm Count	Alarm Class	Priority	Total Occurrences	Priority	Completion
1	... (unreadable)	10	...	...	...	...	...
2	...	8	...	...	...	...	...
3	...	7	...	...	...	...	...
4	...	6	...	...	...	...	...
5	...	5	...	...	...	...	...
6	...	4	...	...	...	...	...
7	...	3	...	...	...	...	...
8	...	2	...	...	...	...	...
9	...	1	...	...	...	...	...
10	...	1	...	...	...	...	...

**Alarm Annunciation and Continuous Improvement Reports**



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