



# DESIGN SYSTEMS, INC.

Manufacturing Engineering & Consulting

## Manufacturing IT Solutions

### Inventory Management 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. Inventory Management can reduce Non-Value Added time and financial burden by keeping track of inventory levels and locations during the production process.

### The Technology

**Asset Tracking**

Automated location services for storage and retrieval

**Material Stock Level Management**

Automate stock re-order based on level and lead time

**Material Containment**

Manage risk by controlling obsolete or faulty stock

**Inventory Optimization**

Eliminate waste by controlling optimal material levels

**BOM Stock Check**

Prevent "false starts" by confirming material stock levels before manufacturing begins

### Additional Resources

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

"BOTTOM-LINE" RESULTS

- Optimized stock levels /  
Reduced financial burden
- Minimized non-value added time
- Improved first-time-correct ratio
- Reduced risk exposure

Customer Challenges

- Uncontrolled inventory levels
- Poorly managed material status
- Excess Inventory
- Bad first-time-correct ratio due to missing parts



**Asset Tracking and Material Containment**

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