



# DESIGN SYSTEMS, INC.

## Manufacturing Engineering & Consulting

### Manufacturing IT Solutions

**Maintenance Support** **Solution Factsheet**

#### Overview

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

Of all the sources of waste in the manufacturing environment, unplanned stoppages represent one of the largest contributors. From unreliable equipment to overly complex processes, these events can derail the goals of the manufacturing organization and result in substantial costs in both money and reputation.



Fortunately, this type of waste is fairly easy to treat. Alongside a disciplined maintenance procedure, reliable and quantifiable data can help lead preventative maintenance activities in the right direction, treating the root cause of downtime and measuring the effectiveness of remedial activities.

#### Breakdown

Quickly and accurately transmitting details of unplanned stoppage events to the maintenance team using tools such as overhead graphic displays, alarm status displays and mobile technology, can significantly shorten the downtime event. It is this timely communication that allows production to resume and in turn reduces cost and minimizes impact.

Properly managed preventative maintenance schedules coupled with disciplined processes can reduce the occurrence of unplanned stoppages, thereby reducing lost production time.

Proper analysis of historical downtime events can help to focus continuous improvement activities on the true root cause of unplanned stoppages. Regular use of these analysis tools can also help to show the effectiveness of continuous improvement efforts, providing a data driven measurable standard for future benchmarks.

**"BOTTOM-LINE" RESULTS**

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

#### Our Solution

Maintenance Support is part of our new line of Manufacturing IT Solutions. Built on proven, world class technology; these solutions offer off-the-shelf functionality designed to target the typical challenges encountered in manufacturing.

The technologies are highly scalable, cost effective and can be seamlessly integrated into new or existing processes with great ease.

Our Maintenance Support tools are designed to help you increase the efficiency of your facility through the reduction of unplanned downtimes and better preventative maintenance.

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