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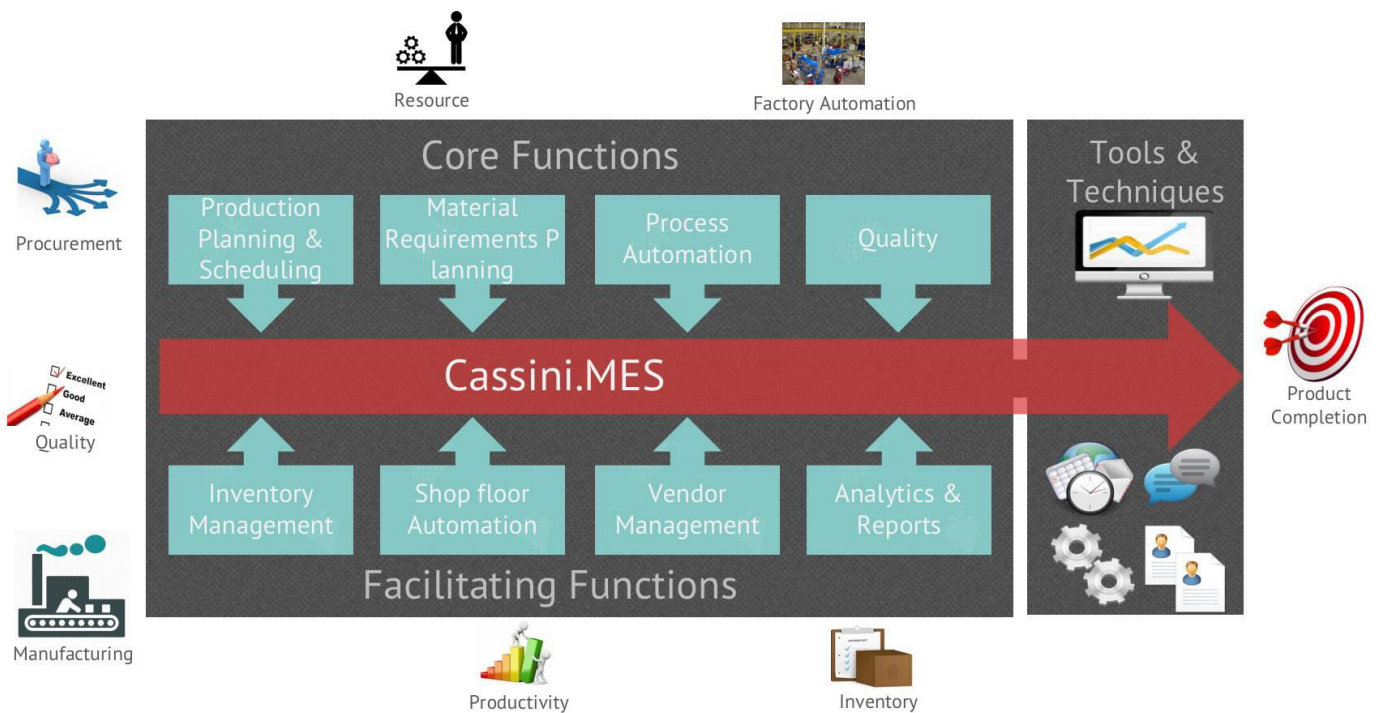
# Cassini.MES

Shopfloor to Topfloor Automation

(An ISO 9001 : 2008 Company)

# Introduction

Cassini.MES is an end-to-end Manufacturing Shop floor operations management solution, helping manufacturing organizations to streamline and automate the complete factory operations to standardize and optimize the manufacturing processes. Cassini.MES solution helps to manage and monitor work-in-progress on a factory shop floor. Cassini.MES supports production planning, material/resource planning, scheduling, resource utilization, and inventory management.



## Benefits of Cassini.PLM

- Enable an agile and responsive manufacturing operation
- Increase shop floor equipment and labor efficiency
- Capture production costs more precisely
- Reduce scrap and waste
- Reduces manufacturing cycle time and reduces lead times
- Improves product quality and customer satisfaction
- Accelerate trace analysis, root cause diagnosis and issue resolution
- Ensure compliance to industry and government standards
- Better Inventory Management (including fewer stock outs, lower inventory levels and more accurate inventory)
- Proactively and systematically standardize and enforce processes across all sites
- Gain real-time visibility and control across the manufacturing supply chain

# Cassini.MES Features



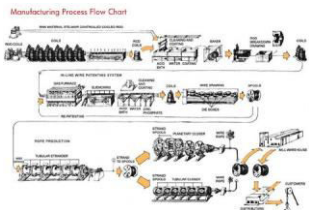
## Plant Structure

Creating a digital twin of the complete Plant structure will help organize the Resources like Tools, machines and workers. This Plant structure will also help in Production planning and execution.



## Resource Management

Cassini.MES helps to create and manage the library of all the reusable resources - tools, machines, material, manpower etc. These resources when allocated to operations is tracked and resource utilization is calculated and analyzed.



## Process Planning

BOM, Plant and Resource information in a single system helps to quickly create a Process plan with a sequence of operations. Each operation is defined with the parts, tools, plant area used with time allocated for the operation.



## Shopfloor Work Instructions

The process is planned with the process animations can be used to create electronic work instructions to help Shop floor operators to review and perform their job. These electronic work instructions delivered to shop floor operators to improve productivity.



## Production Planning & Scheduling

Production planning and scheduling, allows to accurately plan and schedule all the production orders. With real time access to shop floor data production managers can schedule new production orders and monitor the progress. Prioritizing production orders in special cases are much faster and managed efficiently with Cassini.MES.



## Quality Management

Cassini.MES provides an easy way to configure and build Quality templates to match to customer specifications and business processes. Cassini.MES integrates with necessary machines to collect the quality data from Shop floor machines for quality checks.



## Documentation

Cassini.MES manages and controls all the Product Process & Quality data in single systems helping faster retrieval using Advanced search mechanisms. Cassini.MES configured with pre-defined templates to quickly create Log Books & product manuals.



## Analytics & Reporting

Extensive reporting and analytical tools provided. Cassini.MES displays right information on Dashboards, these dashboards give a quick access to complete Shop floor operation status thus helping to make faster and better informed decisions.

# Run, grow and transform your business

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