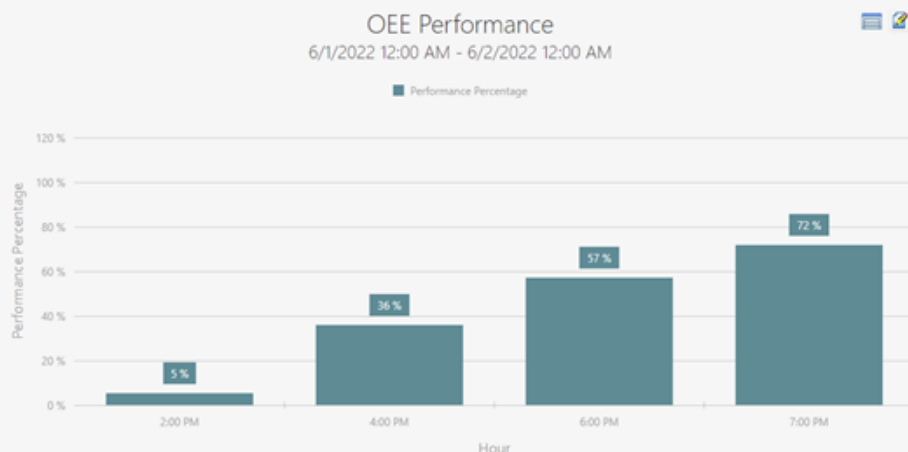


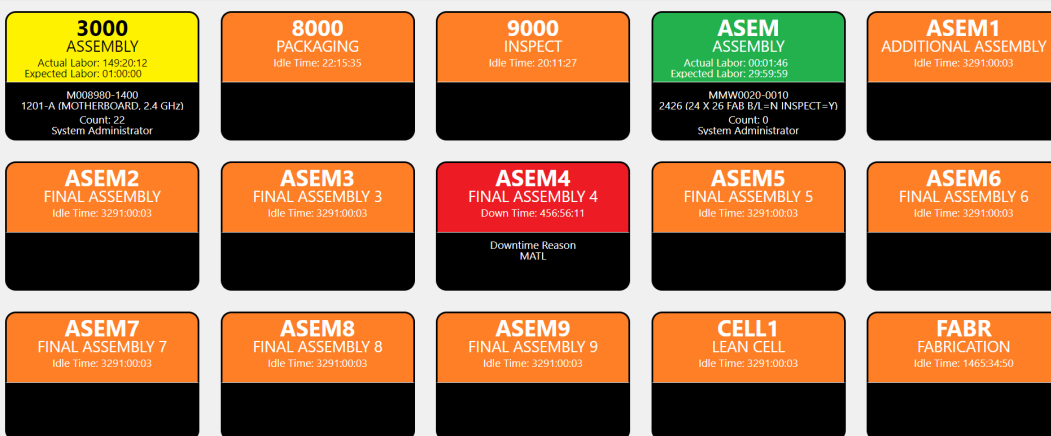
PAPER-LESS KPI & DASHBOARD MODULE



The KPI and Dashboard Module is designed to leverage shop floor reporting already taking place in Paper-Less MES. Developed in conjunction with customer feedback, the Module includes key production metrics to improve the visibility across production operations and drive improvement across your organization.

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PAPER-LESS



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Benefits

- Provide immediate feedback to production operators
- Eliminate manual updates to production boards
- See trends based on actual production data preserved in historical data tables

Current KPIs metrics support

- Job & Workcenter performance
- Overall Equipment Effectiveness (OEE)
- OEE: Performance/Quality/Availability numbers
- Quality Defect Code reporting
- Downtime indicators
- Workcenter status and performance indicators
- Manufacturing Cycle Time
- On-Time Manufacturing



SHIFTING THE MES PARADIGM

Transforming Discrete Manufacturing with Digital Intelligence.

FEATURES & BENEFITS

Real-Time Updates

As reporting takes place in Paper-Less MES, the KPI and Dashboard Module "watches" these transactions and immediately delivers updates across the targeted workcenter(s) Dashboard. The KPI and Dashboard extends the MES footprint to eliminate systems needed to manage production operations.

See Your Data Your Way

The Module provides significant configuration options to personalize your experience including:

- Selectable Chart Types
- Custom Date Range Capability
- Target Workcenter(s)
- Actual Versus Expected Pieces
- Specify Single Or Multiple Workcenter Dashboards

Important Notes

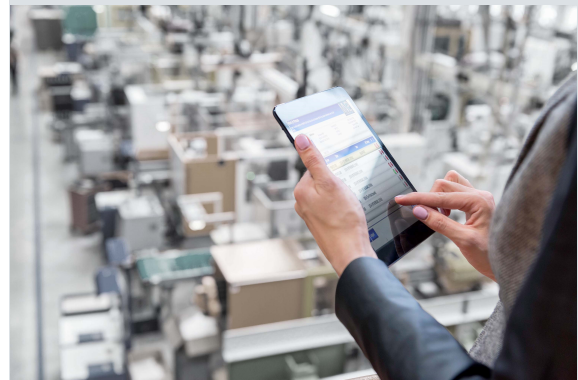
- The KPI and Dashboard Module is licensed directly by Paper-Less, LLC
- Pricing information available directly from Paper-Less, LLC
- Active customers receive new updates as they are developed
- No client license count

Prerequisites for KPI and Dashboard Module

- Paper-Less MES (Version 5.4.2 or later)
- Microsoft .NET Framework 4.6.1
 - Windows 7 SP1 / 8 / 8.1 / 10
 - Windows Server 2012, 2012 R2, 2014, 2016, 2017
- Web Browser: Google Chrome



No longer are firms forced to manually update production and rate boards; pour over Excel spreadsheets to assess downtime; interrogate paper-based log sheets to determine the issues negatively impacting the business. The KPI and Dashboard feature will provide your organization with effective insight and tools to better manage your production operations.



Paper-Less, LLC

designs, develops, markets and supports Manufacturing Execution Software (MES) for shop floor and warehouse applications. Installed in 250 customers, 600 locations in 14 countries around the world.