

ENTELEGIS MANUFACTURING EXECUTION SYSTEM (MES)

Realtime Production Data Collection & Analysis

WHAT IS MES?

MES collects the following data from facility equipment:

- Process
- Downtime
- Quality

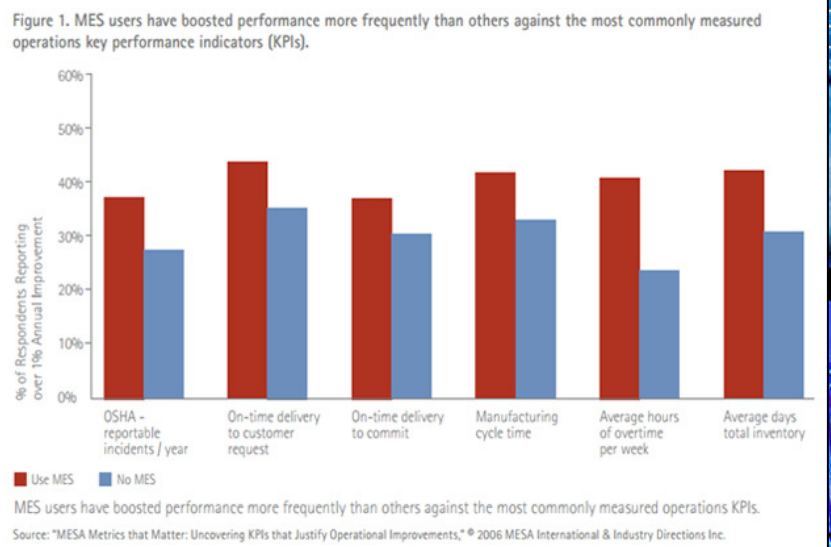
And correlates and produces visualizations such as:

- KPI Benchmarking
- Dashboards
- Performance for all areas of production

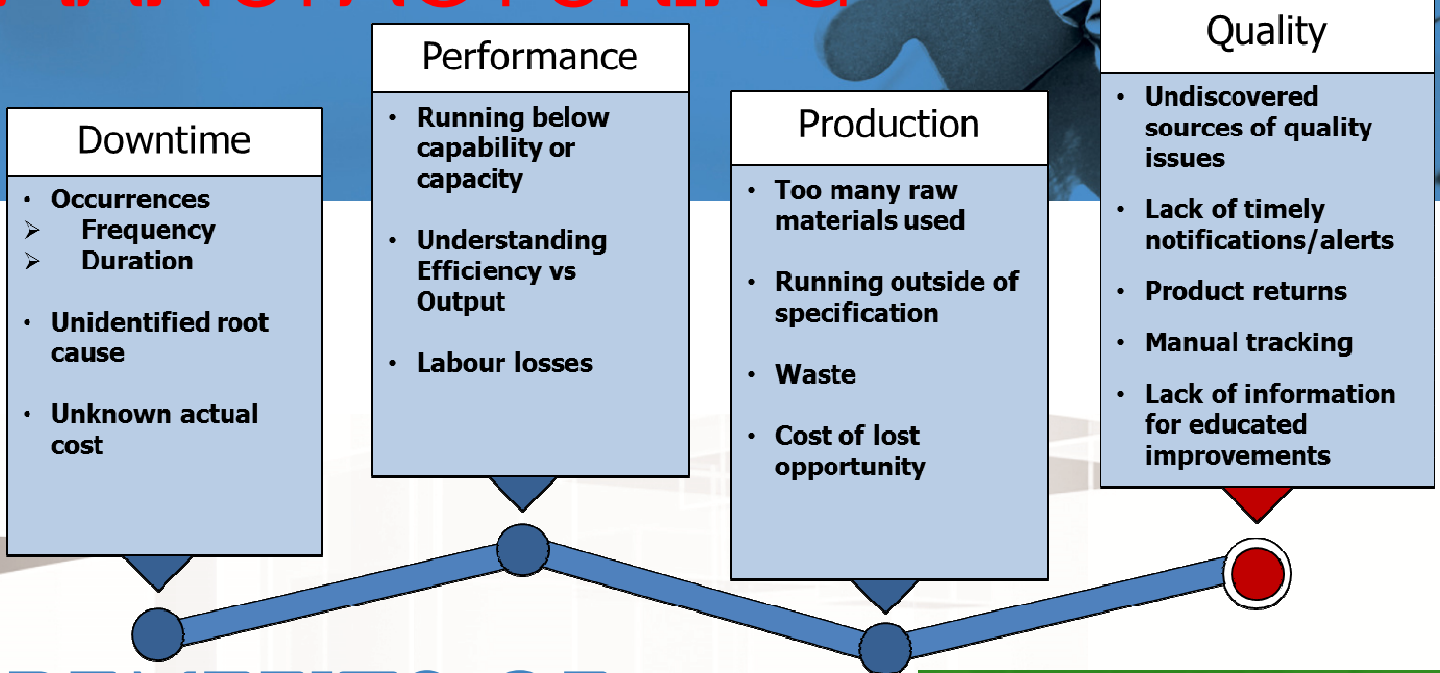
WHY MES?

A study conducted by the Manufacturing Enterprise Solutions Association (MESA) which encompassed 150 manufacturers, found that there is a clear relationship between the use of MES and improvements in business results. Companies using MES were significantly more likely to report annual increases in performance.

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COMMON COSTLY LOSSES IN MANUFACTURING



BENEFITS OF IMPLEMENTING ENTELEGIS MES

EXISTING STRATEGY

- Creates More Accountability
- Increase Machine Availability
- Improve Efficiency
- Increase Production
- Improve Quality
- Happy Customer
- More Profit \$\$\$



PRODUCTIVITY GAINS

WASTE REDUCTION

Scrap Setup
Investigation
Schedule-Overruns
Change-Over

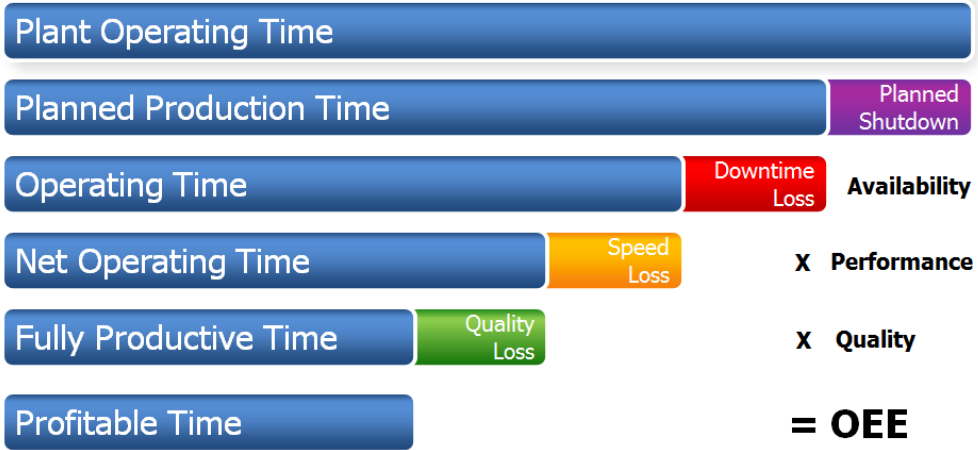
DATA VISIBILITY

Monitoring
Correlation
Alerts

Higher-Yield Uptime
Labour-Optimization
Consistent-Quality



ANALYSIS OF TIME LOSSES



INTELLIGENT ANALYSIS IMPROVES

- PRODUCTIVITY
- QUALITY
- EFFICIENCY



ENTELEGIS MES MAKES LOSSES VISIBLE TO DECISION MAKERS



ADVANCED ANALYTICS

- DASHBOARDS
- CHARTS & GUAGES
- TOP N & PARETO & SPC
- EXPORT TO EXCEL
- REPORT BUSINESS METRICS
- OEE
- AVAILABILITY
- PERFORMANCE
- QUALITY

1400 Bishop St. Cambridge, Ontario, N1R 6W8, Canada
 Ph: (800)-963-9970
 sales@entelegis.com

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 MAKE EDUCATED DECISIONS
 INCREASE PROFIT



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1400 Bishop St. Cambridge,
Ontario, N1R 6W8, Canada

Ph: (800)-963-9970

sales@entelegis.com