COSTS OF DOWNTIME IN THE MANUFACTURING INDUSTRY

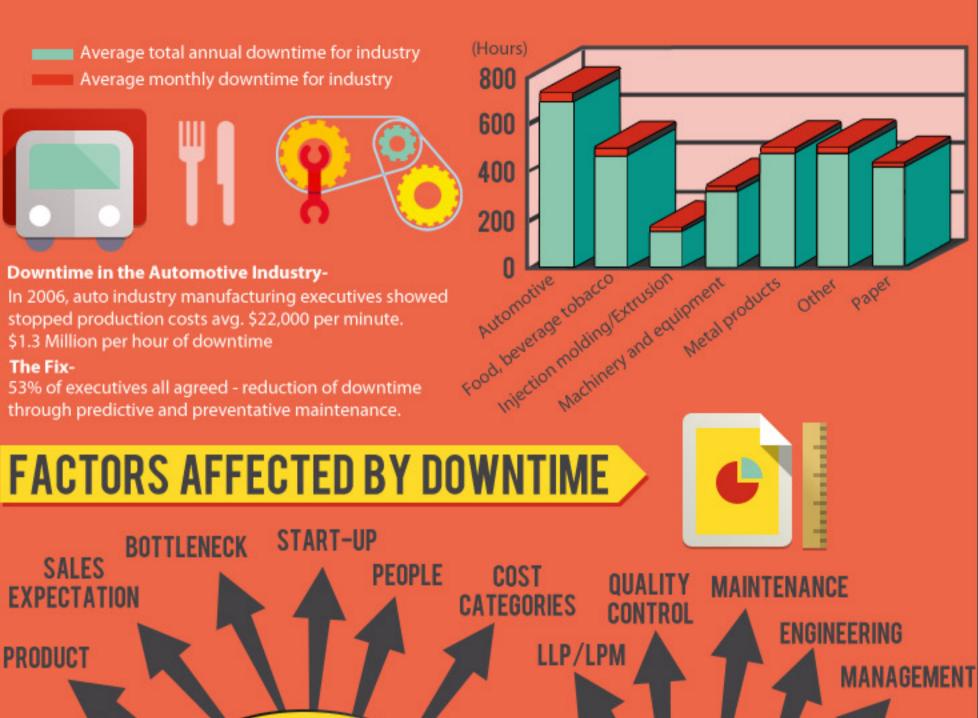


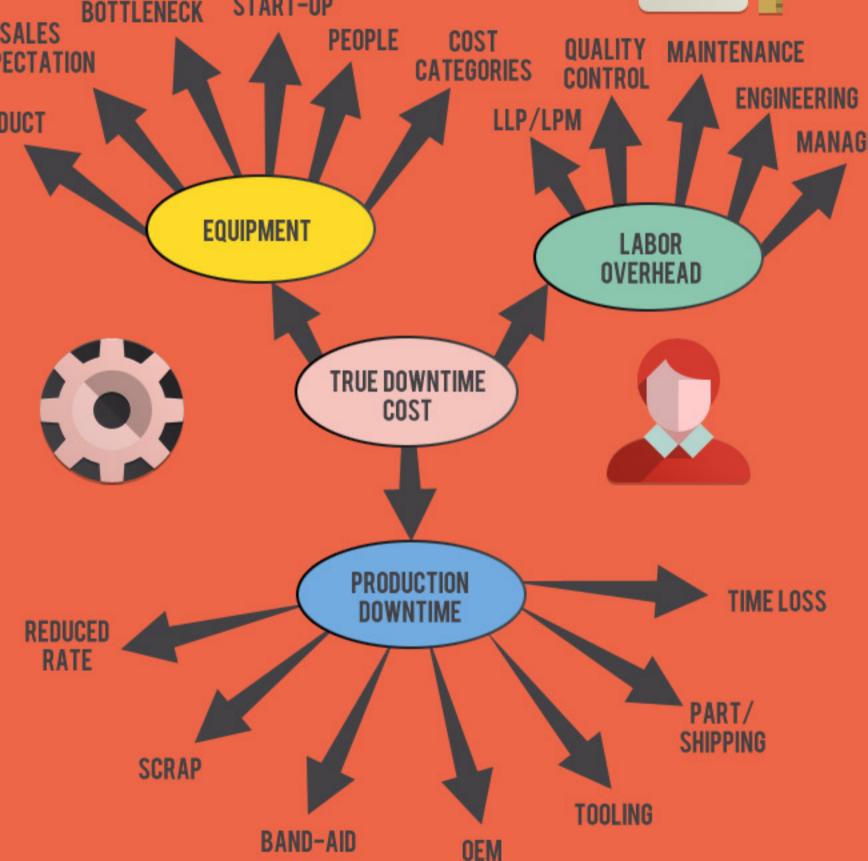
DOWNTIME COSTS CAN BE DIVIDED INTO 2 MAJOR CLASSES:

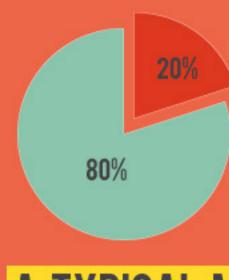
Tangible and Intangible. Tangible costs are those which are relatively easy to quantify. Intangible costs are difficult to put a dollar figure on but may be even more significant than tangible costs. Tangible Costs: Lost Capacity, Lost Production, Direct Labor, Inventory Product Loss Intangible Costs: Responsiveness, Stress, Innovation

TRUE DOWNTIME COST

Includes a vast array of wasted business support costs and lost business opportunity costs because resources were needed to rectify a downtime incident that probably did not need to happen.







INDUSTRIAL FACILITIES THAT ESTIMATE TDC

Almost every factory loses at least 5% of its productive capacity from downtime, and many lose up to 20%. Of the 20% that can estimate their downtime usually underestimate TDC by 200% - 300%



A TYPICAL MANUFACTURER CASE STUDY

PROBLEM:

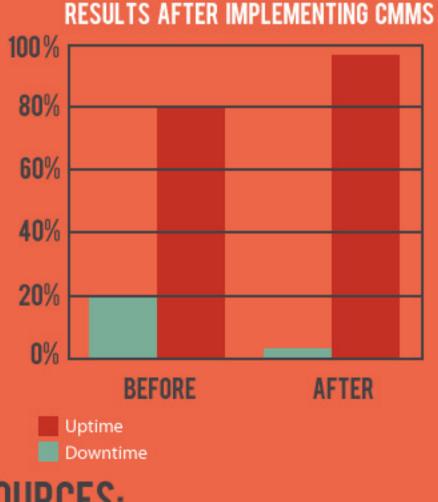
- Backlog of work orders 4 months over due Only focused on emergency repairs
- 20% Equipment downtime
- Labor hours & parts uncategorized and difficult to track

FIX:

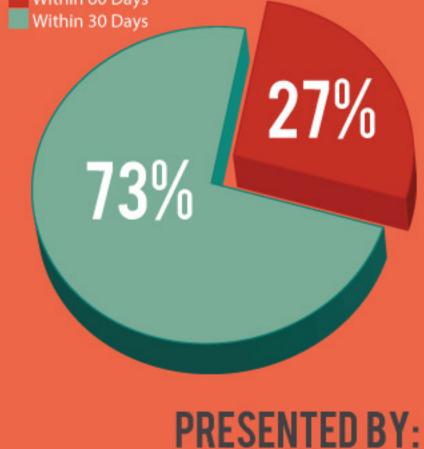
Improve the Preventative Maintenance Program Automated key metrics from engineering, production, inventory control, and

- maintenance to a central dashboard.
 - Dashboard gave management up-to-the minute view of Downtime by production line
 - o Work order aging
 - o Work order throughput
 - o Open work orders by type





Within 60 Days



http://www.anexio.com/blog/the-true-cost-of-downtime-in-the-

manufacturing-industry/ http://packagingindustry.fraingroup.com/2011/10/20/calculating-downtimes-

costs/ http://www.isa.org/Content/ContentGroups/InTech2/Departments/Channel

_Talk/20069/When_True_Cost_of_Downtime_Is_Unknown,_Bad_Decisions_ Ensue.htm

http://news.thomasnet.com/companystory/Downtime-Costs-Auto-Industry-22k-Minute-Survey-481017

