



PREDICTOR™ Services



Introducing An Innovative New Offering Designed to Improve Equipment Reliability and Reduce Maintenance Cost for Large Industrial and Utility Customers

PREDICTOR Services Overview:

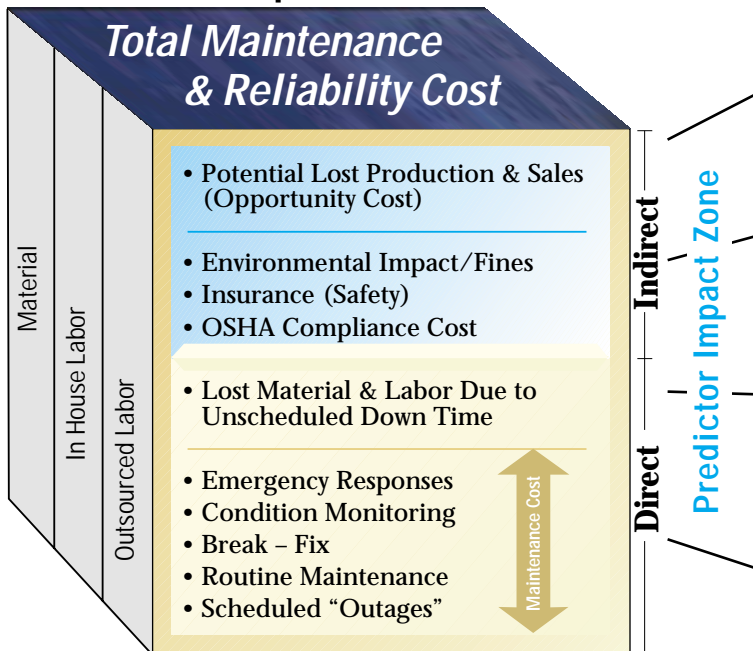
- A multi-year contractual service offering for “outage” and planned maintenance services
- A predictive tool utilizing current and historical data to predict and prevent unplanned outages, optimizing the maintenance process
- Applicable services for GE and competitors’ electrical equipment
- Over 2000 GE field resources led by a contract service leader who plans, coordinates and manages all service events



Electrical Equipment Coverage:



Customer Impact:



Typical Down Time Cost:
 Hot Strip Mill: ~\$100,000/Hour
 Processing Line ~\$50,000/Hour
 Paper Winder ~\$10,000/Hour

Nov 9, 2000 “OSHA FINES TRI-STATE \$94,000 FOLLOWING AMMONIA RELEASE AT DOTHAN PLANT”
 US Dept of Labor, Office of Public Affairs

“The 0.3 second power dip on March 24, 2000 as a result of equipment failure, set back production of the wafer-fabrication plant. Hundreds of thousands of dollars were lost and hundreds of workers were mobilized to work over the weekend to start up the plant again.” © 2002 The Gale Group. All rights reserved, Straits Times, p52 March 29, 2000

- Unplanned outages using in house labor equal to 2x the cost of planned events
- Emergency rates cost up to \$300/Hour
- Cost of maintenance and test equipment
- Keeping maintenance “specialists” on staff

Components of GE's PREDICTOR™ Services:

Plan

Site Audit:

- Baseline the facility
- Capture nameplate data

Outage Preparation:

- Plan outage timing and duration
- Equipment scope
- Coordinate outage team

Execute

Digitized Data Collection:

- Equipment data collected on hand-held device
- Data uploaded for analysis
- Database management

Maintenance Services:

- Contract service leader coordinates:
 - Engineers
 - Technicians
 - Craft Labor
- On-time outage completion

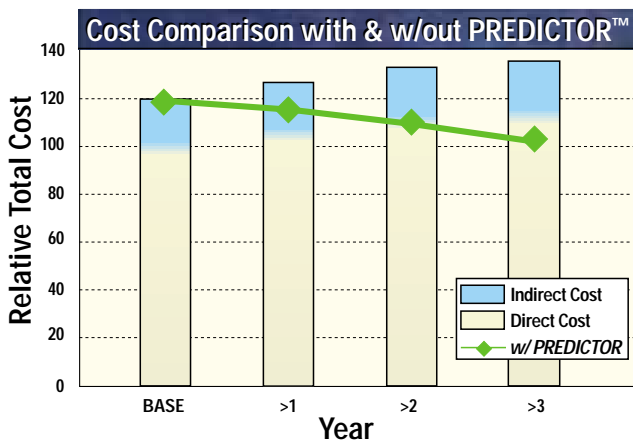
Analysis, Results and Impact

Reports to Optimize Maintenance & Reliability:

- Equipment pareto list
 - ranked most to least at risk of failure
- Predict time to failure
- Repair time optimization based on class of equipment →



Customer Benefits:



- Driving down planned maintenance cost up to 30% (Extended intervals between planned maintenance events)
- Reducing unplanned outages (Shift unplanned to planned)
- Reducing on-going condition monitoring cost (Frequency and type of data capture should correlate to criticality of equipment)
- Improving equipment reliability up to 20% (By increasing availability - % of time it can perform and reliability - % of time it performs)
- Improving employee safety
- Providing a tool to justify capital expenditures (In the critical areas to deliver the performance you need)

GE's PREDICTOR™ Services... a powerful new service offering designed to optimize the performance of your assets, improving reliability while reducing maintenance costs



Contact 1-888-GE4SERVICE



GE Industrial Systems