DIGIMAX CONTROL Predictive maintenance systems
Machine Can Talk Systems (MCT).

MCT-3000 / MCT-4000

Predictive maintenance techniques are designed to help determine the condition of in-service equipment in order to estimate when maintenance should be performed. This approach promises cost savings over routine or time-based preventive maintenance, because tasks are performed only when warranted.
The main promise of predictive maintenance is to allow convenient scheduling of corrective maintenance, and to prevent unexpected equipment failures. The key is "the right infor equipment lifetime, increased plant safety, fewer accidents with negative impact on environment, and optimized spare parts handling.

DIGIMAX CONTROL predictive maintenance system evaluates the machines performance online or offline . Our predictive maintenance system MCTxxxx (Machine Can Talk) is high performance and enhanced monitoring system for machines parameters . The collected data used to analysis the machine performance and expecting any failure may occurs before failure rise.

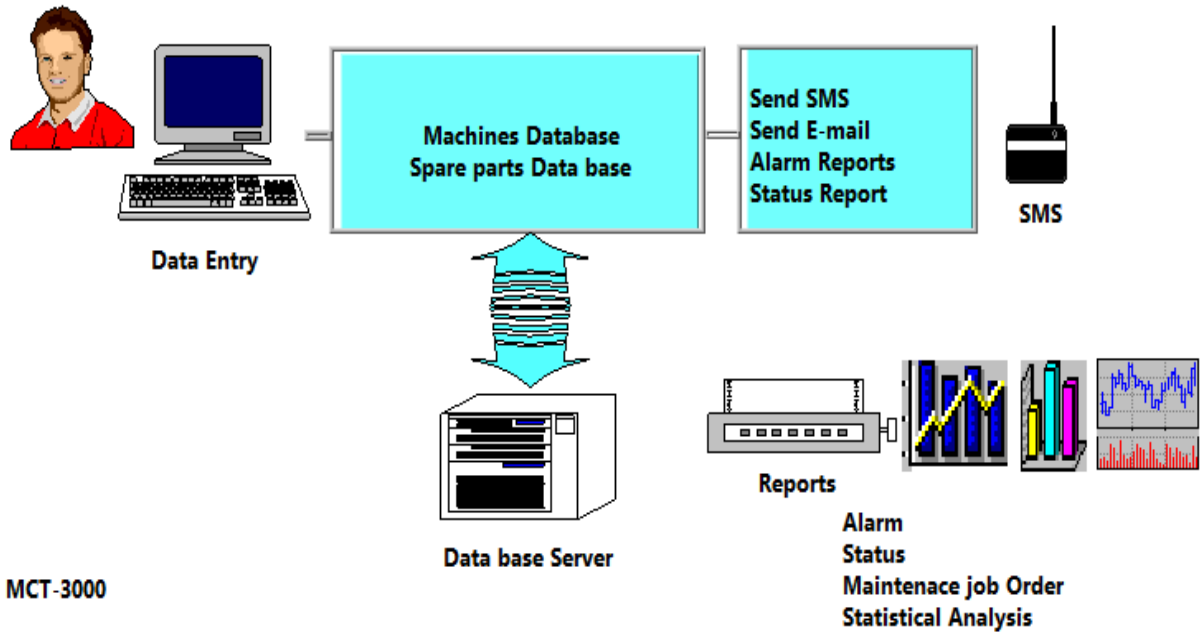
Benefits:

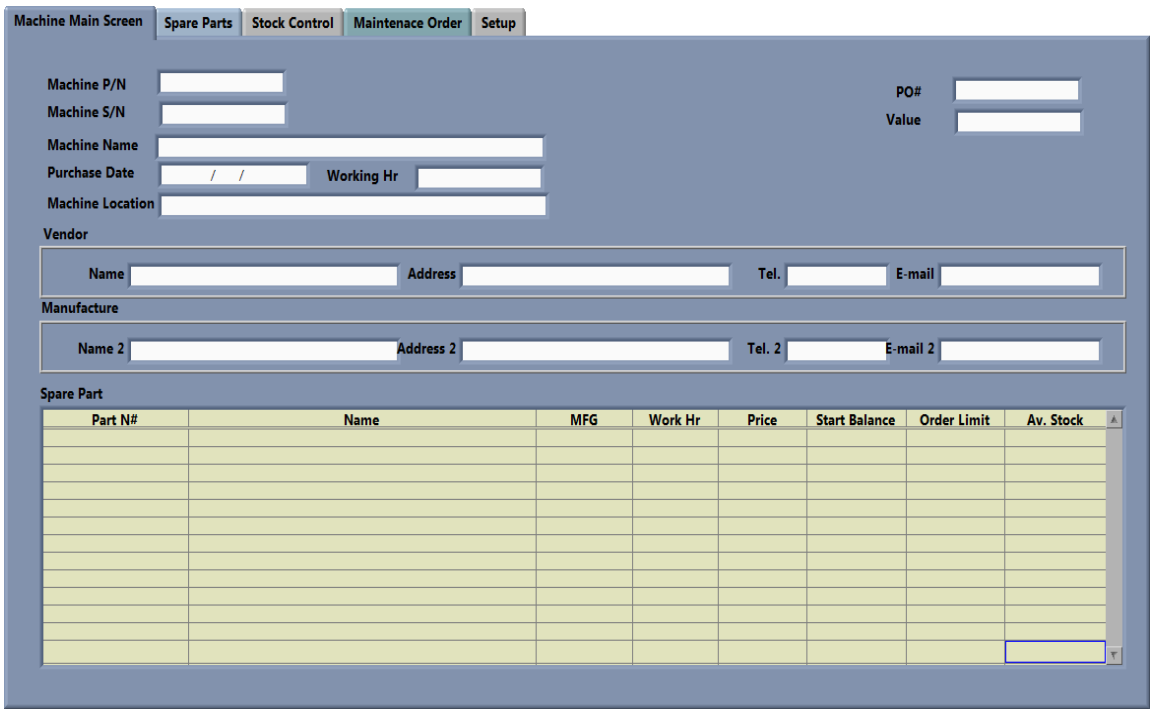
- Avoid unexpected breakdown.
- Decrease maintenance time.
- Increase productivity.
- Local and remote monitoring for machine status.
- Prevent the secondary faults.
- Predictive maintenance save you millions.
- Enhanced Monitoring and data logging system
- Statistical analysis for run and stop period to monitor actual production time.
- Statistical analysis for the production in each stage.
- Generate machine status reports
- Generate alarm and report for any expected failures or abnormal operation.
- Stock control for the machines spare parts
- Generate report for regular maintenance time.

MCT-3000 System

MCT-3000 is offline predictive maintenance system can creates machines data base include full machine information include spare parts list , maintenance table , generate reports and alarms. System includes:

- Machine data base.
- Spare parts data base.
- Generate Maintenance order in time.
- Generate Alarm report.
- Send alarm and reminder through SMS and/or E-Mail.
- Stock control for machines spare parts.





MCT-4000

MCT-4000 is online predictive maintenance system can monitor the machines performance online and apply enhanced calculation on the logged data to expect any failure may occur during production to avoid unexpected breakdown. Also creates machines data base include full machine information include spare parts list , maintenance table , generate reports and alarms.
The system will read the machines parameters from the existing sensors and/or the PLC or install sperate sensor with data logging module to collect the machine and production line data to evaluate the performance .

System includes:

- Enhanced Monitoring and data logging system using existing PLC or backup system.
- **Local and Remote Monitoring for Machine status.**
- Online Data analysis**.**
- Statistical analysis for run and stop period to monitor actual production time.
- Statistical analysis for the production in each stage.
- Generate machine status reports
- Generate alarm and report for any expected failures or abnormal operation.
- Stock control for the machines spare parts
- Generate report for regular maintenance time
- Machine data base.
- Spare parts data base.
- Generate Maintenance order in time.
- Generate Alarm report.
- Send alarm and reminder through SMS and/or E-Mail.
- Stock control for machines spare parts.
- Multi-Alarm system. (Sound , light , SMS and Emails).