



Extract from article on "The Quality Guru"

**There are ten steps to undertaking continual improvement:**

1. Determine current performance.
2. Establish a need to improve.
3. Obtain commitment and define the improvement objective.
4. Organize the diagnostic resources.
5. Carry out research and analysis to discover the cause of current performance.
6. Define and test solutions that will accomplish the improvement objective.
7. Produce improvement plans which specify how and by whom the changes will be implemented.
8. Identify and overcome any resistance to the change.
9. Implement the change.
10. Put in place controls to hold new levels of performance, and repeat step one.

For full article please [read here](#)

There are a few challenges presented to manufacturers by this article not least of which is accurately capturing the information needed to determine current performance, diagnose the problem and finally monitor the improvement to prevent slipping back. The TrakSYS tool can be rapidly implemented without significant engineering effort to achieve these objectives by providing;

i) Accurate information of all time losses on the production line (automatic capture of losses duration including short stops).

ii) Providing graphical analysis that allows understanding of the root cause of losses (or at least point to the problem)

iii) Provides KPI's that allow continuous monitoring of performance and gains achieved.