Demand Forecast

Manufactures need to look into demand which is most of the times cyclical or seasonal. MA+ predictive model predicts the crests and troughs of demand and also forecasts short-term changes in demand leading to accurate and optimal resource allocation in manufacturing. As an example MA+ predictive model takes historical sales data and applies forms of regression to predict future sales based upon past sales. It also takes care of additional factors that influenced sales in the past and apply those factors into forecasted sales models.

Machine Utilization and Resource Planning

It is very important for the manufacturers to maximize the throughput of equipment in the factory. MA+ forecast for demand based upon the historical data enables optimal production schedule. This optimizes machine utilization and overall resource planning

Preventive Maintenance in the Factory

It is being said that "More data on machine failure equals more accurate predictive models". MA+ Predictive Models looks at the history of machine failures and compares those instances to real-time sensor data from machines to spot patterns before the breakdown. By this MA+ increases production equipment uptime. Knowing that a machine is likely to break down in the near future means a manufacturer can perform the needed maintenance in non-emergency conditions without shutting down production.