

# **Machine Tool Services White Paper**

**Predictive Maintenance tools and techniques have been around for several years, yet manufacturers choose not to invest in them. This allows the old adage “pay now or pay later” to come to fruition.**

**By investing a comparably small amount of money now, you can catch problems before they become catastrophic, and potentially cost a great deal more due to damage to mating and adjacent components. Predictable problems can be dealt with in a timely manner and with limited interruption to demand schedules by planning the appropriate repairs. An example of that would be finding a bearing in a machine transmission that is showing signs of deterioration with vibration analysis. Now you have some time to gather spare parts and plan a cost effective time to complete the repairs before there is significant enough bearing deterioration to cause damage to gearing, shafting, etc...The alternative method of “wait until it fails” can significantly affect your bottom line by creating disruption of schedules, replacing more spare parts, expediting spare parts, paying craftspeople premium pay to make the repairs and machine operators premium pay to catch up to customer demand.**

**Let MMS help you maintain your success!**