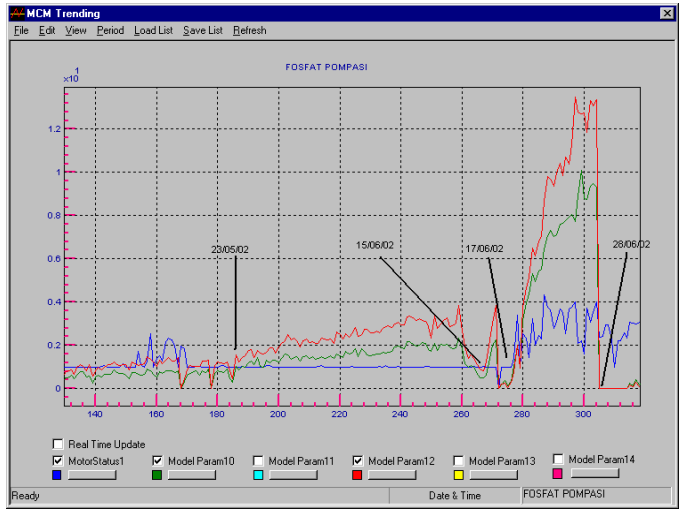




**INDUSTRY** : WHITE GOODS  
**COMPANY** : ARÇELİK  
**APPLICATION** : PUPMS, FAN, CONVEYOR, COMPRESSOR  
**MCM SYSTEM** : 76 PIECES MCM-LOW VOLTAGE APPLICATION  
**REMOTE MONITORING** : MCMScada, LAN, Dial-up  
**APPLICATION** : EARLY FAULT DETECTION  
 PROCESS MONITORING

**CASE** :

- Examining the alarms that MCM provided, maintenance team replaced the motor bearings; however after a short time, MCM gave alarms again. In the second analysis, the problem was found out to be sourced from the imbalance on the motor mill, after which the motor mill was replaced and problem was resolved. The increasing parameters on the diagram on the right are mechanical parameters 10 and 12, and after the repair, they go back to even a better position than they were before. In this example, MCM was very helpful in not only warning about the failure in advance as well as the root cause of the problem, but also in monitoring the quality and effectiveness of the maintenance and repair work



- The MCM that monitored the activation pump motor gave Perform Maintenance alarm, which is not related to the motor, but to the coupling between the motor and driven equipment. MCM can detect mechanical failures not only in motor, but also coupling and motor driven equipment, with the inputs of 3 phase current and voltage measurements.

