



SCADA BASED ASSET CONDITION MONITORING FOR AUTOMOBILE MAJOR



CHALLENGES

- // Low machine uptime leading to poor utilization and output
- // Multiple PLCs, controllers and field equipment with different protocols making it difficult to capture real time data
- // Existing applications primarily focusing on management needs than plant operator needs
- // Lack of indication of equipment health decay

SOLUTION HIGHLIGHTS

- // Connectivity of multiple field equipment, PLCs and Controllers to single SCADA platform
- // Standardized Asset framework for entire plant
- // Remote monitoring of equipment videos and data in synchronized manner
- // Alarm classification and prioritization
- // Custom equipment analytics to capture health decay

BUSINESS VALUE DELIVERED

- // Real time visualization of equipment and equipment data
- // Root Cause analysis of failures using playbacks – Video, Data, PLC
- // Equipment cycle time analysis – real time, new model launch sequence testing
- // Runtime modification of visualization parameters for operator friendly user experience.