



CASE STUDY: ROCKWELL INTERNATIONAL (NOW AMERITOR)

The Rockwell International (Rockwell) site in Wisconsin manufactures large transmissions and axle assemblies for heavy construction and transportation equipment.

Rockwell's maintenance program was in desperate need of effective storeroom operations, work management, PM execution and lack of even basic CMMS functionality was creating a serious challenge for effective plant operations throughput. Effective maintenance management was a serious missing link.

To get immediate help before catastrophic failures, Rockwell engaged Advanced Technology Services Inc. (ATS) to manage maintenance, improve/operate the storeroom, establish a CMMS, and to provide a maintenance planner via contracted services. This project was a partnering effort between TMEII staff and ATS to help Rockwell implement essential best practices within this highly unionized environment.

ATS determined it was necessary get basic practices in place so that their contract services could perform. More demands for equipment reliability, increase uptime, better quality from precision machining centers, regulatory compliance, and better service from existing craft resources made the topic of achieving maintenance excellence a business survival opportunity.

The following engineering services to support the Rockwell manufacturing plant were provided:

- Completed review of existing asset database on legacy system, prepared and migrated asset data to CMMS.
- Developed modernization plan for storeroom, purged old parts from existing storeroom and developed parts database for CMMS after complete inventory of "good parts."
- Relocated storeroom to new location in center of plant and established effective parts service
- Analyzed the best maintenance practices to provide the foundation for CMMS.
- Supported start up of contract planner position, new storeroom attendants and measurement process for Continuous Reliability Improvement.