

National Rail Passenger Service



Challenges

- ❑ Pressure over tax payer subsidies
- ❑ Concerns over fleet management and maintenance practices
- ❑ Lack of fleet planning
- ❑ Equipment, repair and overhaul efficiencies

Executive Summary

- ❑ Largest passenger railroad in North America
- ❑ Carries 25 million passengers annually
- ❑ Growing needs and challenges of intercity rail services
- ❑ Assessment: Selected by Inspector General to assess current equipment, maintenance and fleet planning
- ❑ Implementation: Selected by Chief Mechanical Officer at three locations to implement process improvement methodology at locomotive and coach car shops

Results*

- ❑ Reduced preventive maintenance cycle time on locomotives 31% and on coaches 15%
- ❑ Reduced preventive maintenance frequency on locomotives 33% and on coaches 53%
- ❑ Reduced bad order repair time on locomotives 35%

*Results produced on a select family of locomotives and coaches at specific maintenance facilities