



Major Transportation Conglomerate Deploys Corporate Asset Strategy to IMPROVE AVAILABILITY AND MINIMIZE COSTS

{ In Unplanned Maintenance and Downtime }

Challenges:



33 Companies
In operation

2,000,000
Functional locations in SAP

2.8 Billion
Spent annually to
support infrastructure

5,000
Maintenance classes

- Need to commercialize tracks on a secure and reliable infrastructure
- Need to respond to changing market needs in a sustainable manner
- Need to optimize maintenance management by building a predictive maintenance strategy that could deal with legislation and reporting requirements
- Need to take control of its operating costs in the face of rising material and labor expenses

Solution:



- Define What is Critical
- Develop Initial Strategy
- Define How to Make Monitoring Data Collection Intelligent

Context & Priorities

- Move from a time-based to a predictive-maintenance strategy
- All maintenance should be conducted on a proactive or scheduled maintenance basis



End-to-End: Connect Assets, People, and Systems



Define & Evaluate Asset Strategy

- Engineering
- HSEQ
- ERP
- Maintenance
- Operations

- data
- readings and recommendations



New Intelligent Strategies



Informed Decisions

APM was used to identify assets for both existing and proposed maintenance activities and assess the health of infrastructure. It also was used at the regional level to conduct performance and reliability analysis.



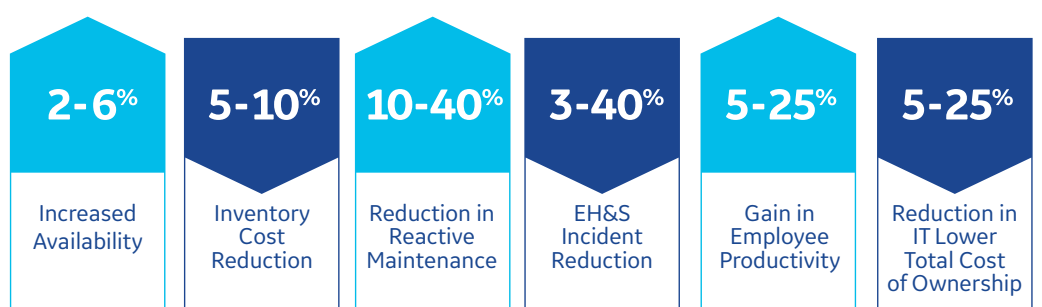
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Results:

After implementing APM, the company achieved:

- Improved earnings and a reduction in time and dollars spent on maintenance
- An objective view of the health of assets
- Clear insight into required maintenance
- Visibility into required manpower resources

The Benefits of APM:



GE Digital's APM is the only solution that can combine real-time data with human experience, operating parameters, analytics, and connectivity to create intelligent asset strategies that continuously improve over time.