

Supply Chain solution on the Cloud for one of the largest power companies in the world

Cloud Engineering Services, Cloud Managed Services



Challenge

- A limited view of the parts inventory across power plants
- Minimal cross-utilization of parts among the power plants, leading to sub-optimal inventory levels and poor cash management – unnecessary payments for parts that could have been obtained from other sites



Solution

- Developed a material optimization application that provides plant managers and executives a 360 degree view of inventory and orders
- Provided real-time data integration across 80 power plants and 35 IT systems
- Migrated the native cloud solution on to Amazon Web Services Cloud in 4 weeks, with a highly scalable and secure architecture



Impact

- 10% reduction in inventory levels
- Saved \$35 million in new orders for parts as a result of improved process agility and accurate information
- Optimized \$13 million cash utilization on account of rescheduling purchase orders, within just two quarters

High Tech and Manufacturing ▶ Cloud Services

Up to 20% cost savings and 70% improvement in team productivity with a one-stop sourcing portal, for a leading global power company

Cloud Engineering Services



Challenge

- Lack of predictive analytics capabilities and insights within the sourcing team
- High levels of dependency on multiple systems with minimal integration between systems
- Multi-tier architecture and complex integration between on-premise and cloud systems



Solution

- Modernized and digitized the local desktop based apps and excel files and migrated on to the AWS platform, using AWS serverless services
- Developed a comprehensive user interface (UI), allowing business users to access data and make data driven decisions
- Deployed predictive models as APIs on Amazon Lambda using API Gateway



Impact

- 20% total cost savings with the help of predictive models
- 70% reduction of the sourcing team's effort in gathering data from multiple sources