

Driving Efficiency: Cloud Migration and Optimization for a Leading Automotive Manufacturer

Client Background:

Our client is a leading automotive manufacturer with multiple production plants and an extensive supply chain network.

Business Problem:

The company faced significant challenges with their on-premise IT infrastructure:

- Legacy systems were costly to maintain
- Lack of scalability and flexibility to support growing data needs
- Inability to analyze production data in real-time, leading to inefficiencies and increased operational costs
- Need for a robust, scalable, and cost-effective solution to manage and optimize IT resources

Solution Provided by Shyena Tech Yarns

We provided a comprehensive cloud migration solution tailored to the manufacturer's specific needs:

1. Assessment and Planning:

- Thorough evaluation of existing IT infrastructure
- Development of a detailed migration strategy and timeline

2. Cloud Migration:



- Seamless transfer of data and applications to AWS and Google Cloud
- Setup of cloud storage for manufacturing data
- Reconfiguration of applications for optimal cloud performance

3. Optimization:

- Implementation of cloud cost management tools and strategies
- Rightsizing of cloud resources and utilization of reserved instances
- Adoption of auto-scaling to match resource allocation with demand

4. Real-time Analytics:

- Deployment of cloud-based analytics solutions
- Enablement of real-time production process monitoring and data-driven decision making

Results and Impact:

Our solution delivered significant benefits:

- 30% reduction in IT operational costs
- Improved scalability to handle fluctuating workloads
- 20% increase in overall productivity through real-time data analysis
- Enhanced agility to adapt to market changes and technological advancements

Conclusion:

Our cloud migration and optimization services provided the manufacturer with a scalable, cost-effective, and efficient IT infrastructure. By leveraging cloud technology, the company reduced operational costs and enhanced their ability to analyze and optimize production processes in real-time.

Ready to transform your IT infrastructure and optimize your cloud spend? Contact us today to learn how our cloud services can benefit your business.

