

How a Leading Manufacturing Company Leveraged XTIVIA for AWS DevOps, Managed Services, and Cloud Development

BACKGROUND

A prominent manufacturing company was dealing with outdated systems that were inefficient, inflexible, and expensive to maintain. With the rising demand for real-time data access and analysis, their existing infrastructure was failing to meet their operational needs.

CHALLENGE

The main challenge for the manufacturing company was to streamline their operations by improving its data management capabilities. They needed a solution that could handle vast amounts of data, provide real-time insights, be scalable, and be cost-effective.

XTIVIA'S AWS SOLUTIONS

To address these challenges, the manufacturing company turned to XTIVIA, a leader in AWS DevOps, managed services, and cloud development. They decided to migrate their existing infrastructure and data onto Amazon Web Services (AWS) with XTIVIA's assistance.

XTIVIA's expertise in AWS technology allowed the manufacturing company to store, manage, and analyze large volumes of data more efficiently. Furthermore, XTIVIA's managed services provided the scalability to handle peak loads during high-demand periods without any disruption in service.

IMPLEMENTATION

Under XTIVIA's guidance, the manufacturing company embarked on a 7-month project to implement a robust AWS model, modernizing their applications for optimal efficiency, security, and cost-effectiveness.

During the implementation phase, several tools were utilized, including AWS CodeStar for developing, building, and deploying applications on AWS; AWS CloudFormation for modeling and setting up AWS resources; AWS Systems Manager for gaining operational insights and taking action on AWS resources; and AWS Cost Explorer for visualizing, understanding, and managing AWS costs and usage over time.

By leveraging AWS, they automated several manual processes, which significantly reduced operational costs and increased productivity.

BUSINESS RESULT

Post-implementation, the manufacturing company experienced significant improvements in operational efficiency.

- **Improved Efficiency:** Automation significantly reduced manual work, leading to increased productivity.
- **Cost Savings:** The pay-as-you-go model of AWS led to reduced infrastructure and maintenance costs.
- **Scalability:** The manufacturing company could easily scale their operations up or down based on demand, providing them with a competitive edge.

By leveraging XTIVIA's AWS DevOps, managed services, and cloud development services over a span of 7 months, the manufacturing company transformed its operations. This case study serves as an excellent example of how manufacturing companies can harness the power of AWS technology to overcome challenges and drive success.

ABOUT XTIVIA

XTIVIA is a proven technology integration and innovation company known for delivering leading-edge technology solutions to our client's specific requirements, regardless of project complexity. We bring next-level business operations to reality through Application Development, Business Intelligence, Data Warehousing, Database Support & Management, Enterprise Information Management, Digital Experience Solutions, and Enterprise Resource Planning. Our success stems from a demonstrated ability to deliver deep expertise via professional services, empowering clients to successfully, competitively, and profitably leverage their chosen technology. XTIVIA has offices in Colorado, New York, New Jersey, Missouri, Texas, Virginia, and India. www.xtivia.com