Enhance security and streamline operations

Improve product and production process design

Why AWS?

AWS delivers virtually unlimited compute and storage capacity, enabling you to scale deployments rapidly to meet demand. Whether designing and manufacturing smart products, improving operational efficiencies across the value chain, and optimizing production, you'll benefit from a data center and network architecture where operational technology (OT) environment, where operational technology (OT)

Manufacturing depends on data – not just gathering it but using it effectively. To get more out of valuable data in your factory it needs to be extracted from disparate sources and then analyzed to optimize production, machine availability, and quality. AWS Cloud services address these use cases by using it effectively. To get more out of valuable data in your factory it needs to be extracted from disparate sources and then analyzed to optimize production, machine availability, and quality. AWS Cloud services address these use cases by

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Performance Computing (HPC) workloads in the cloud, they can use model-based design and large-scale parallel simulations to quickly solve complex computing challenges. When designers, scientists, and engineers run High Performance Computing (HPC) workloads in the cloud, they can use model-based design and large-scale parallel simulations to quickly solve complex computing challenges. When designers, scientists, and engineers run

Protecting your intellectual property and the integrity of your production processes is vital in today's business environment, where operational technology (OT) and information technology (IT) interact. When you work with us, security is our highest priority. When you work with us, security is our highest priority.

Sustainability is a key priority in many industries and organizations. Tech Mahindra is committed to taking steps to reduce its carbon footprint and contribute to a more sustainable future. They strive to reduce consumption of water, compressed air, gas, electricity, and steam to lighten their energy footprint. They also work to minimize waste and promote recycling efforts to reduce their environmental impact.

In addition to meeting quality and production optimization productivity, maximize asset availability, and improve process optimization, including improved internal and external collaborations. Increased systems and administrative support services. Save on licensing. 15% to 20% reduction in workstation and infrastructure costs. 50% reduction in engineering tools license and administration cost.

Get smart with your data

When you're working in a global environment, the application landscape can be complex. AWS offers a secure, agile, and scalable platform with a comprehensive set of services and solutions for high-performance design, verification, and smart manufacturing. Supporting EDA and semiconductor companies with the ability to develop a dynamic, cloud-based support without the significant upfront capital investment that is typically required for partnership critical EDA workloads.

Leading semiconductor companies today use AWS to take advantage of a more agile, flexible, and cost-effective cloud environment. AWS delivers the computing power, storage, and networking capabilities needed to support a variety of EDA tasks, from initial design to register-transfer-level (RTL) design, to the delivery of GDSII files to a foundry for chip manufacturing. AWS provides greater agility in EDA tools development by enabling a dynamic, cloud-based support without the significant upfront capital investment that is typically required for partnership critical EDA workloads.

AWS helps you transform manufacturing operations with AWS Engineering Cloud. In a post-pandemic world, it's crucial to scale your manufacturing operations at breakneck speeds to meet new demands. Leveraging the cloud, you can go from an idea to a product, to the delivery of that product, to market, and grow your business at the speed of the cloud.

AWS Engineering Cloud offers an innovative and customer-centric IT experience for industry 4.0, transforming the way EDA and manufacturing teams work. Built on top of the AWS infrastructure, AWS Engineering Cloud connects EDA, semiconductor, and manufacturing teams to create new opportunities and enhance performance.

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Accelerated engineering performance.

Tech Mahindra Solutions for Manufacturing on AWS

Tech Mahindra harnesses the full power of AWS to transform manufacturing operations. A US$15 billion company, a Mahindra Group company, offers innovative and customer-centric IT experiences and is a leading provider of end-to-end IT services. Tech Mahindra’s technological prowess and solutions available today. Instead of focusing on building solutions available today. Instead of focusing on building

Unlocking the importance of big data

Data is the lifeblood of any organization, and in today's digital-first world, its importance cannot be overstated. Data is the lifeblood of any organization, and in today's digital-first world, its importance cannot be overstated.

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Gain a competitive edge.

AWS provides the tools and services necessary to deliver a competitive edge.

Optimized services.

Optimized visualization, server, storage, disaster recovery, and networking systems enable better performance and high scalability.

DevOps environment.

The solution is easy to implement and includes templates with ready-to-use framework for DevOps environments.

Proven integration approach.

AWS Engineering Cloud provides a proven integration approach for your overall ERP cloud landscape.

Centralization of critical accelerators manage the PDM IT, Multi-CAD, PLM, and ERP cloud landscape.

Customer references.

For more information on how AWS Engineering Cloud can help you take your business to the next level, please visit our website or contact us directly.