



## Elevating machine manufacturing: The future of smart machinery

12:00PM - 12:30PM | AWS KICKOFF/WELCOME

This session explores the pivotal role played by Industrial IoT architecture and applications in empowering OEMs to not only produce exceptional machinery, but also to revolutionize how they manage and monetize their assets.

## Sanmina's global digital manufacturing transformation with 42Q MES

12:30PM - 1:00PM | 42Q

Discover how 42Q MES can transform operations and meet manufacturers' sustainability goals.

## Transforming manufacturing troubleshooting with AWS generative AI

1:00PM - 1:30PM | COGNIZANT

Learn how Cognizant's innovative solution, APEX on AWS, is being expanded to incorporate additional use cases, preparing it for production deployment.

## How Siemens Gamesa standardizes data across the enterprise with HighByte and AWS

1:30PM - 2:00PM | HIGHBYTE

See how Siemens Gamesa, part of Siemens Energy, is building a successful Unified Namespace (UNS) architecture with HighByte and AWS, improving alignment between people, process, and technology across the enterprise.

## Best practices for developing a generative AI voice assistant for industrial factory maintenance

2:00PM - 2:30PM | AWS

See a demonstration on how AWS services can be used to deploy and manage a voice-powered AI assistant that leverages existing corporate knowledge-bases to provide real-time guidance and streamline maintenance processes in manufacturing environments.

## Democratizing AI-enhanced industrial applications at scale with Mendix and Amazon Bedrock

2:30PM - 3:00PM | SIEMENS

Learn how Mendix low-code application development empowers manufacturers with AI-assisted app development and AI-enhanced applications.

## How industrial manufacturers are future-proofing the digital commerce with Spryker & AWS

3:00PM - 3:30PM | SPRYKER

Discover how leading enterprises across industrial manufacturing industries are transforming market volatility into a strategic advantage to deliver exceptional customer experiences.

## How industrial equipment makers are getting "cloud ready" with AWS

3:30PM - 4:00PM | AWS

Learn how to make your business cloud ready by digging into how AWS solutions and partnering models can help you with these types of initiatives and get you started on your journey.

## The forgotten automation engineers - It's time for industrial DevOps

4:00PM - 4:30PM | SOFTWARE DEFINED AUTOMATION

Attend this session to learn how manufacturers can apply cloud principles and IT best practices for development and operations to industrial automation so they can recruit and retain a new generation of automation engineers.

## Computer vision design considerations for near real time quality inspection

4:30PM - 5:00PM | SOFTSERVE

Explore the transformative power of computer vision for manufacturing when near real time consideration is required for quality inspections.

## Reception - Sponsored by AWS Business Outcomes Xcelerator

5:00PM - 6:30PM | RECEPTION



## How machine builders can build a strong data foundation for their smart products

11:00AM - 11:30AM | AWS

Hear how machine builders are connecting their industrial assets with a data foundation, reducing Total Cost of Ownership, accelerating innovation - enabling them to offer more capabilities and services to their customers.

## Tailored tech solutions: Meeting customer needs with Litmus, AWS, and Tulip

11:30AM - 12:00PM | LITMUS AUTOMATION

This presentation will discuss the needs and goals customers have and how Litmus, AWS, and Tulip provide the right solutions.

## Accelerating business outcomes with AWS

12:00PM - 12:30PM | AWS

Learn how the Business Outcome Xcelerator (BOX) program simplifies outcome-focused solution building for partners so they can access tools and incentives to reach line of business (LOB) customers.

## Visualizing the future: Enterprise spatial data strategy

12:30PM - 1:00PM | AWS

Organizations are generating more 3D data than ever before. Join Koch Industries' experts in spatial technologies as they outline their strategic approach to managing and utilizing this growing volume of data. Gain valuable insights into leading data management practices as they discuss how to implement an effective spatial data strategy, integrate 3D data into operations, and leverage it for enhanced decision-making and efficiency.

## Simplifying data collection for OEE analysis

1:00PM - 1:30PM | REPLY

Hear how a top medical device manufacturer brought 500 additional machines into its enterprise OEE program in a few months using the REPLY OEE Framework.

## How machine manufacturers accelerate IT/OT convergence

1:30PM - 2:00PM | SIEMENS

Learn how Frontmatec enhanced their time-to-value and accelerated their IT/OT integration journey using AWS IoT SiteWise and Siemens Industrial Edge, completing deployments in minutes.

## Transforming manufacturing troubleshooting with AWS generative AI

2:00PM - 2:30PM | COGNIZANT

Learn how Cognizant's innovative solution, APEX on AWS, is being expanded to incorporate additional use cases, preparing it for production deployment.

## Talk PLC to me! How AI supports automation engineers

2:30PM - 3:00PM | SOFTWARE DEFINED AUTOMATION

In this session, learn how automation engineers can utilize emerging AI capabilities to quickly translate complex automation scripts into clear, easily understandable language.

## Security best practices for machine builders

3:00PM - 3:30PM | AWS

Machine builders play an important role in IT/OT cyber security. Join this session to learn how AWS helps machine builders build smart, connected and secure machines.

## Computer vision design considerations for near real time quality inspection

3:30PM - 4:00PM | SOFTSERVE

Explore the transformative power of computer vision for manufacturing when near real time consideration is required for quality inspections.

## Optimizing inventory management with RFID: Hisco's success with Xemelgo on AWS

4:00PM - 4:30PM | XEMELGO

Discover how Hisco revolutionized inventory management by implementing RFID "grab-and-go" inventory across 50+ customer sites using Xemelgo on AWS.

## Advancing industrial automation with robot fleet interoperability

4:30PM - 5:00PM | AWS

In this session, learn how leading companies are using the cloud to improve interoperability, traffic management, and visualization when deploying robots in their factories.



## Enhancing engineering and product design with digital twins

**11:00AM - 11:30AM | AWS**

Explore how digital twins can significantly enhance engineering processes by shortening design cycles, optimizing testing processes, addressing workforce challenges, and improving collaboration.

## SEKISUI's journey to a smart factory with Xemelgo on AWS

**11:30AM - 12:00PM | XEMELGO**

Explore how SEKISUI Aerospace transformed their production operations with Xemelgo on AWS. Learn the key strategies and technologies that drove their digital transformation.

## Computer vision design considerations for near real time quality inspection

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Explore the transformative power of computer vision for manufacturing when near real time consideration is required for quality inspections.

## Designing the next generation of cargo aircraft with Siemens and AWS

**12:30PM - 1:00PM | SIEMENS**

Learn how Natilus implemented Siemens NX X to enable the future of Immersive Engineering, empowering their engineers to work faster and collaborate more easily to deliver the next generation of cargo aircraft with 60% more volume and 50% lower operating cost.

## Manufacturers achieve sustainability goals with 42Q MES

**1:00PM - 1:30PM | 42Q**

Discover how 42Q MES can transform operations and meet manufacturers' sustainability goals.

## Improving quality detection with generative AI

**1:30PM - 2:00PM | AWS**

Use generative AI to create training datasets quickly, while maintaining high fidelity in defect representation. See an example of how you can leverage generative AI to simulate and modify images of metal surface scratches.

## Tech integration overview: A customer journey with AWS, Tulip, and Litmus

**2:00PM - 2:30PM | LITMUS AUTOMATION**

This presentation provides insight into the technology that was implemented for a customer with AWS, Tulip, and Litmus and how each works with their enterprise.

## Transforming manufacturing troubleshooting with AWS generative AI

**2:30PM - 3:00PM | COGNIZANT**

Learn how Cognizant's innovative solution, APEx on AWS, is being expanded to incorporate additional use cases, preparing it for production deployment.

## Generative AI 101 for manufacturing

**3:00PM - 3:30PM | REPLY**

Hear how Audi implemented a state of the art chatbot in 4 weeks designed to find the equivalent of a "needle in the haystack" when searching for documents within a large enterprise using Amazon Bedrock.

## Closing the machine-to-cloud gap to jump-start digital transformation

**3:30PM - 4:00PM | AWS**

Hear how leading manufacturers can quickly derive business value from operational data that is organized and contextualized for use in factory and cloud applications.

## How Siemens Gamesa standardizes data across the enterprise with HighByte and AWS

**4:00PM - 4:30PM | HIGHBYTE**

See how Siemens Gamesa, part of Siemens Energy, is building a successful Unified Namespace (UNS) architecture with HighByte and AWS, improving alignment between people, process, and technology across the enterprise.

## Transform manufacturing supply chains with AWS Supply Chain and generative AI

**4:30PM - 5:00PM | AWS**

This session covers how AWS Supply Chain increases supply chain resilience with enhanced insights and data-driven decision-making and how new generative AI-based use cases will simplify supply chain management and enable intelligent automation.



## Improving equipment uptime with predictive maintenance powered by generative AI

11:00AM - 11:30AM | AWS

In this session, learn how leading manufacturers like Baxter International are using Artificial Intelligence and Machine Learning (AI/ML) to activate predictive maintenance and avoid downtime up to 500 machine hours.

## Scaling success: Managing a customer's enterprise rollout and future goals post-implementation

11:30AM - 12:00PM | LITMUS AUTOMATION

Understand how plans were developed to roll out to multiple sites and scale globally, and the goals of the future from this implementation.

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## 42Q enables doubling of production volume

12:30PM - 1:00PM | 42Q

Learn how 42Q's MES solution enabled Comet to double production volume at their Penang facility.

## How Siemens Gamesa standardizes data across the enterprise with HighByte and AWS

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## Yamaha boosts efficiency with real-time visibility from Xemelgo on AWS

1:30PM - 2:00PM | XEMELGO

Discover how Yamaha G3 Boats is revolutionized their manufacturing operations using RFID technology with Xemelgo on AWS.

## Energy-centered maintenance extends equipment life and optimizes energy usage

2:00PM - 2:30PM | AWS

Learn how Internet of Things (IoT) and machine learning technologies enable Energy-Centered Maintenance (ECM) implementation at scale, even in existing facilities, and hear real-world examples that show ECM impact on ROI and carbon footprint reduction.

## Protect critical infrastructure: Align PLC engineering with the NIST cybersecurity framework

2:30PM - 3:00PM | SOFTWARE DEFINED AUTOMATION

In this session, learn how manufacturers can use IT-like DevOps tools for industrial PLC programming to implement NIST's five key functions - Identify, Protect, Detect, Respond, and Recover - and better protect their systems from harm.

## Improving equipment data quality: How equipment manufacturers use OPC UA information models with AWS services

3:00PM - 3:30PM | AWS

Hear how Kuka, a global leader in intelligent automation solutions, is getting real-time insights from machine data to drive operational efficiency and improve decision-making using OPC UA.

## Why PLM on AWS?

3:30PM - 4:00PM | AWS

Siemens Teamcenter, is the leading Product Lifecycle management (PLM) platform that enables businesses to manage the entire lifecycle of a product, from initial concept through to retirement. By leveraging Amazon FSx for NetApp ONTAP as the storage service for Teamcenter workloads on AWS, customers can benefit from increased engineer productivity, cost optimization, efficient collaboration, and business continuity.