

Drive Valuable Insights and Innovation by Implementing an End-to-end Industrial Data Strategy

AWS KEYNOTE 12:00PM – 12:30PM | AWS

In the keynote, overcome industry riddles and simplify data management with AWS Industrial Data Fabric, a well-architected framework consisting of AWS services, AWS solutions, and AWS Partner solutions.

Bosch Software and Digital Solutions: Reimagining the Future of Businesses!

12:30PM – 1:00PM | BOSCH

In this session, we will reveal the future of business technology for connected automotive services.

Deliver an Operations Twin at Scale with Accenture and AWS

1:00PM – 1:30PM | ACCENTURE

In this session, learn why the path to Industry 4.0 goes through emerging industrial twin technology.

Future of Production—How to Build and Scale Industrial Software Solutions Across the Volkswagen Group

1:30PM – 2:00PM | MHP

In this session, see how Porsche and Volkswagen tackle manufacturing roadblocks with digitization.

Working Backward from Business Outcomes with AWS Partner Solution Factory

2:00PM – 2:30PM | AWS PARTNER SOLUTION FACTORY

In this session, transform your business by leveraging end-to-end industrial-focused solutions from AWS.

Cybersecurity for All Connected Devices

2:30PM – 3:00PM | AWS

In this session, learn how AWS makes it easier to monitor, detect and respond to threats across the entire attack surface which includes Operational Technology (OT), IoT, edge and cloud.

Win on Insights with Smart Connected Products

3:00PM – 3:30PM | SOFTWARE AG

In this session, learn how you can empower your business by remotely monitoring your connected products in the field using IIOT technology.

Puma’s Road to a Harmonized WMS Structure in EEMEA SEA and Oceania Enabled by LEA Reply WMS

3:30PM – 4:00PM | REPLY

In this session, learn how Puma evolved their supply-chain management with cloud-native microservices.

Accelerating Digital Innovation in Space Tourism

4:00PM – 4:30PM | SIEMENS

In this session, find out how Siemens and AWS are helping engineers send civilians to space.

Unlimited Tomorrow Transforms Prosthetic Creation with AWS and Siemens

4:30PM – 5:00PM | SIEMENS

In this session, learn to use mobile devices to collect data for building quality medical prosthetics.

Reception Sponsored by Siemens

5:00PM – 7:00PM | SIEMENS

Bosch Digital Twin—IAPM—Make Machines Speak! by Bosch

9:30AM – 10:00AM | BOSCH

In this session, discover new revenue streams by combining structured sensors, software, and services.

How Industry-leading Organizations are Optimizing Their Operations with Digital Twins

10:00AM – 10:30AM | MATTERPORT

In this session, learn how Belden, Invista, and Danone are leveraging digital twins to empower employees and improve operations by removing data silos and enabling remote collaboration.

Accelerating Decarbonization and Sustainability Transformation

10:30AM – 11:00AM | AWS

In this session, learn how to apply innovative IoT and ML applications to decarbonize manufacturing.

Leading Edge Design and Manufacturing Technology and New Mobility Concepts

11:00AM – 11:30AM | AUTODESK

In this session, see how AI-enhanced design boosts innovation for autonomous vehicle manufacturing.

How Klöckner Pentaplast Drives Sustainability to the Next Level Using AWS IoT and Machine Learning Microservices

11:30AM – 12:00PM | SYNTAX

In this session, learn how machine learning microservices drive digitization of shopfloor data islands.

Digitization of Operations to Enable Predictive Maintenance and Visualization for Improved Plant Performance

12:00PM – 12:30PM | AWS

In this session, follow an AWS customer’s Industry 4.0 journey to digitize their 100 year old plant.

How Laerdal Error-proofs Medical Kit Assembly with Vision Verifications

12:30PM – 1:00PM | TULIP

In this session, you’ll see how medical training products were improved by a unique monitoring solution.

Accelerating Engineering and R&D Transformation with Siemens DISW and AWS

1:00PM – 1:30PM | ACCENTURE

In this session, see how Industrial and Aerospace improved digital engineering, R&D and manufacturing.

Co-creating Use Cases in Cloud Ecosystems

1:30PM – 2:30PM | AWS

In this session, explore the industrial cloud ecosystem built by the partnership of Volkswagen and AWS.

Creating a Data Wealthy Industrial Enterprise with AWS Industrial Data Fabric

2:30PM – 3:00PM | ELEMENT

In this session, learn from Cargill’s deployment of Industrial Data Fabric on AWS for agriculture.

Increase Discrete Part Manufacturing Productivity with Proficy Smart Factory for AWS

3:00PM – 3:30PM | GE DIGITAL

In this session, we will cover how to achieve a smart factory and improve productivity and quality.

Denali Defect Detection With AWS Machine Learning on the Edge

3:30PM – 4:00PM | DENALI

In this session, explore a top-tier inspection solution that uses Machine Learning for better results.

Industrial-Control-as-a-Service: Single Source of Truth for All Your PLCs

4:00PM – 4:30PM | SDA (SOFTWARE DEFINED AUTOMATION)

In this session, explore how to securely collborate PLCs for a cloud-based single source of truth.

MHP Industrial Cloud Solutions: How to Enable the Digital Transformation in Automotive and Manufacturing

4:30PM – 5:00PM | MHP

In this session, learn how MHP’s digital products accelerate digital transformation in automotive and manufacturing.

Reception Sponsored by MHP

5:00PM – 7:00PM | MHP

The Impact of the Industrial Metaverse on Manufacturing Operations

9:30AM — 10:30AM | BCG

In this two-part session, experience the potential of unlocking an industrial metaverse in your company and prepare to overcome pitfalls.

How ABB and AWS Improve Visibility of Power Distribution Systems for the Largest Public EV Charging Network in the U.S.

10:30AM — 11:00AM | ABB

In this session, witness how ABB and AWS delivered scalable remote monitoring for charging stations.

Sustainability Starts with a Sustainable Data Architecture

11:00AM — 11:30AM | HIGHBYTE

In this session, see how Georgia-Pacific leverages Industrial DataOps technology to meet their ESG goals.

Digital Twins - New Horizons in Battery Management and Circular Economy

11:30AM — 12:00PM | MHP

In this session, see how to predict electric vehicle battery performance using digital twin technology.

Digital Acceleration: How Belden and TensorIoT are Partnering to Modernize Global Manufacturing Operations

12:00PM — 12:30PM | TENSORIOT

In this session, see how IoT expertise unveiled industrial solutions for a 100-year old manufacturer.

What Net Zero Manufacturing Needs From the Cloud

12:30PM — 1:00PM | AWS

In this session, you'll hear predictions on how AWS will help manufacturers reach climate neutrality.

How to Create Data-enriched Digital Twins of Real-world Systems

1:00PM — 1:30PM | MATTERPORT

In this session, check out how sensor data can combine with 3D manufacturing models in a unified view.

Compose and Personalize Manufacturing Applications with Cloud Native Low Code Platform

1:30PM — 2:00PM | SIEMENS

In this session, learn how Siemens, a Mendix customer, enabled rapid digitization.

Digitizing Renewables with Digital Service Twin

2:00PM — 2:30PM | ATOS

In this session, experience how a Windfarm operator improved operations by adopting a digital twin.

Predictive Maintenance SaaS on AWS

2:30PM — 3:00PM | ALLCLOUD

In this session, explore the benefits of building and selling your own custom SaaS solution on AWS.

Amazon Business: Reducing the Complexity of Strategic Sourcing

3:00PM — 3:30PM | AMAZON BUSINESS

In this session, start with the customer and work backwards toward simplifying supply chain operations.

AWS Hosted Ignition Project Using MQTT Gives Waterford Township Faster Access to Data

3:30PM — 4:00PM | INDUCTIVE AUTOMATION

In this session, explore the renewal of an on-premises, radio-centric public utility to an ignition system.

Reduce Your Spend on Energy and Create a Pathway for Carbon Neutrality

4:00PM — 4:30PM | AWS

In this session, we'll introduce you to new technology to reduce your manufacturing carbon footprint.

AWS Partner Solution Factory - The DNA of a Turnkey Predictive Maintenance Solution

4:30PM — 5:00PM | AWS PARTNER SOLUTION FACTORY

In this panel session, partners Pepperl+Fuchs, GE, and Syntax discuss their joint efforts solution.

RECEPTION Sponsored by AWS Partner Solution Factory

5:00PM — 7:00PM | AWS PARTNER SOLUTION FACTORY

Bosch Digital Twin—IAPM—From Insight to Business Outcome

9:30AM – 10:00AM | BOSCH

In this session, see how Bosch Digital Twin IAPM reduced catastrophic failures from 10x/year to 0x/year.

Operational Intelligence at Scale Using AWS Industrial Data Fabric Across Different Industries

10:00AM – 10:30AM | CYIENT

In this session, learn to leverage AWS Industrial Data Fabric to reveal value from industrial data.

AWS Solution Innovation—DXC Accelerates IoT Innovation for Reynolds Consumer Product

10:30AM – 11:00AM | DXC

In this session, learn how Reynolds Consumer Products is innovating to minimize environmental impact through DXC IoT Spark for CPG, a GSI Solution from DXC and AWS.

Denali Defect Detection with AWS Machine Learning on the Edge

11:00AM – 11:30AM | DENALI

In this session, you will learn how Denali Advanced Integration, AWS’s global Operational Technology System Integrator (OTSI) for machine learning, provides a quality inspection solution with machine learning on the edge.

MACH for Manufacturing: Why and How (NOT) to Build a Cloud-native Commerce Platform and Surrounding Organisation

11:30AM – 12:00PM | MINDCURV

In this session, manufacturers can quickly build a composable and efficient cloud commerce platform.

Orchestrating Multi-vendor Robots: How to Optimize Robotic Automation and Unlock ROI

12:00PM – 12:30PM | AWS

In this session, learn the strategies to managing multi-brand industrial robots while improving ROI.

Sanmina’s Global Digital Manufacturing Transformation with 42Q MES

12:30PM – 1:00PM | 42Q

In this session, discover a MES system can rapidly transform factories worldwide and remain compliant.

From Informative to Living: Enabling L4 Living Digital Twins Through Sensors, IoT Connectivity, Computation and Modelling

1:00PM – 1:30PM | AWS

In this session, find how to improve OTD and reduce WIP with better visibility into your process data.

Modern Historian, A New Look at the Role of Historian for the Industry 4.0

1:30PM – 2:00PM | AWS

In this session, learn about the challenges of current historians, what a modern historian looks like and the benefits they bring.

How Weir Transformed Their Manufacturing Business in Todmorden, U.K.

2:00PM – 2:30PM | 42Q

In this session, find how to improve OTD and reduce WIP with better visibility into process data.

Bring Intelligent Insights to Your Industrial Operations

2:30PM – 3:00PM | AWS

In this session, learn to leverage your combined data from disparate IoT sources using AI for industry.

Smart Asset Twin with Wipro and AWS

3:00PM – 3:30PM | WIPRO

In this session, learn if your company is ready for the Industrial Asset Health Care platform rise.

Connecting the IIoT Starter Kit to AWS

3:30PM – 4:00PM | ZOI

In this session, learn how Zoi assisted Pepperl+Fuchs to connect their prominent IIoT product to AWS.

Embracing Digital Transformation in EV Battery Manufacturing Technology

4:00PM – 4:30PM | INFOSYS

In this session, learn how Envision AESC is embracing digital transformation in its EV battery manufacturing factories by building a digital platform on AWS.

Enabling Battery Engineering Using AWS HPC Solutions

4:30PM – 5:00PM | ATOS

In this session, see how HCP/CAE engineering improvements transformed Lithium-ion battery performance.