

# IoT at AWS re:Invent 2020

There's a lot happening at AWS re:Invent 2020 — 5 keynotes, 18 leadership sessions, and 500+ breakout sessions. This guide will help you navigate the session catalog and provide direct links to the sessions with IoT content (note: you must be registered and logged in to the re:Invent event website for the links to work).

All dates and times are for the session's original broadcast. Each session will be rebroadcast 6 and 12 hours later in Asia-Pacific and Europe time-zone friendly times, and then available on-demand on the Friday following the original broadcast.

[Visit the IoT Track page](#)



## ANDY JASSY KEYNOTE

**Andy Jassy**  
AWS CEO

Live from Seattle, Andy Jassy takes the stage to share his insights and the latest news about AWS customers, products, and services.

**Dec. 1 8:00AM – 11:00AM (PST)**

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## IOT LEADERSHIP SESSION

**Dirk Didascalou**  
Vice President, IoT

Dirk Didascalou shares what's new with AWS IoT and how organizations are using it to solve real-world challenges today.

**Dec. 15 9:45AM – 10:45AM (PST)**

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## EDGE LEADERSHIP SESSION

**Bill Vass**  
Vice President of Engineering

Bill Vass shares new edge computing announcements and how customers are using purpose-built edge solutions to extend the cloud to the edge.

**Dec. 16 8:00AM – 9:00AM (PST)**

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## AUT201: TRANSFORMING THE AUTOMOTIVE INDUSTRY WITH THE INDUSTRIAL CLOUD

**Jon Allen**, Director, Automotive Practice, AWS  
**Nihar Patel**, New Business Development, Strategic Projects, Volkswagen

**Dec. 1 12:00PM – 12:30PM (PST)**

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## IOT205: HOW CARRIER IS TRANSFORMING THE COLD CHAIN TO REDUCE FOOD & MEDICINE WASTE

**Romi Datta**, Principal Product Manager, AWS  
**Luca Bertuccelli**, Director of Connected Platform Solutions, Carrier Refrigeration

**Dec. 10 10:00AM – 10:30AM (PST)**

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## AUT301: ALEXA, CHARGE MY CAR! TEST DRIVE THE ACCENTURE EV ROAMING PLATFORM

**Dean Phillips**, Worldwide Tech Lead, Amazon Auto, AWS  
**Raffaele Menolascino**, Managing Director, Accenture

**Dec. 2 10:30AM – 11:00AM (PST)**

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## LFS304: STREAMLINING MANUFACTURING AND SUPPLY CHAIN AT NOVARTIS

**Ian Meyers**, Director IoT GTM , AWS  
**Amit Nastik**, VP Strategy & Operations and Local Markets Manufacturing, Novartis

**Dec. 10 3:15PM – 3:45PM (PST)**

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## AUT302: PAVING THE WAY TOWARD AUTOMATED DRIVING WITH BMW GROUP

**Junjie Tang**, Principal Consultant, AWS  
**Marc Neumann**, Product Owner Data Engineering Automated Driving, BMW Group  
**Dec. 8 1:00PM – 1:30PM (PST)**

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## IOT303: DEVELOPING AND DEPLOYING MODERN EDGE APPLICATIONS AT SCALE

**Richard Barry**, Sr. Principal SDE, AWS & founder of FreeRTOS

**Dec. 15 11:30AM – 12:00PM (PST)**

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## IOT201: ACHIEVING EFFICIENCY IN PRODUCTION WITH VOLKSWAGEN INDUSTRIAL CLOUD

**Mark Relph**, Director IoT GTM, AWS  
**Marc Geckeler**, IT Program Manager, Porsche, Volkswagen

**Dec. 8 10:45AM – 11:15AM (PST)**

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## IOT209: WHAT'S NEW WITH AWS IOT DEVICE MANAGEMENT

**Michael MacKenzie**, GM, IoT Connect & Control, AWS  
**Shane Ouchi**, Sr. Product Manager, IoT, AWS

**Dec. 15 12:00PM – 12:30PM (PST)**

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## IOT206: BUILDING THE FUTURE OF CONNECTED HOMES WITH AWS IOT

**Mary Miller**, Sr. IoT GTM Specialist, AWS  
**Bart Strong**, Director of Digital Product Mgmt., Traeger Grills  
**Ryan Tarver**, Director of Cloud, IoT Data, Traeger Grills

**Dec. 8 1:30PM – 2:00PM (PST)**

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## IOT202: WHAT'S NEW WITH AWS IOT GREENGRASS

**James Gosling**, Distinguished Engineer, AWS  
**Konstantin Dotchkoff**, Principal PM, Greengrass, AWS

**Dec. 16 9:45AM – 10:15AM (PST)**

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## ARC311: BUILDING RESILIENT CITIES WITH AWS IOT AND DATA SERVICES

**Craig Lawton**, Principal Solution Architect, AWS

**Dec. 8 1:45PM – 2:15PM (PST)**

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## IOT207: AWS AT THE EDGE: USING AWS IOT TO OPTIMIZE AMAZON WIND FARMS

**Saras Kaul**, Principal PMT, IoT, AWS  
**Ath Caramanolis**, Renewable Optimization Manager, Amazon

**Dec. 16 3:00PM – 3:30PM (PST)**

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## IOT302: SMART VISION FOR PREDICTIVE AND PREVENTIVE INDUSTRIAL OPERATIONS

**Madhuri Peri**, Sr. Practice Manager, IoT, AWS  
**David Finocchio**, Operations Representative, ConocoPhillips

**Dec. 9 8:15AM – 8:45AM (PST)**

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## IOT301: SECURING IOT DEVICES AND APPLYING MACHINE LEARNING WITH AWS IOT

**Syed Rehan**, Sr. Specialist SA, IoT, AWS  
**Jey Jeyasingram**, CTO, ERA Security Systems

**Dec. 17 9:00AM – 9:30AM (PST)**

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## IOT204: THE ROI OF IOT: UNDERSTANDING AND DRIVING STRATEGIC BUSINESS VALUE

**Juan Carlos Martinez Gil**, Sr. IoT GTM Specialist, AWS

**Dec. 9 3:00PM – 3:30PM (PST)**

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## IOT203: DEFINING YOUR STRATEGY FOR A SUCCESSFUL IOT IMPLEMENTATION

**Massimiliano Angelino**, Principal Specialist SA, IoT, AWS

**Dec. 17 3:00PM – 3:30PM (PST)**

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# BREAKOUT SESSIONS – JANUARY 12 – 14, 2021

AWS re:Invent continues! We’re bringing you even more great content in January.

## IOT208 - UNLOCK DATA INSIGHTS FROM BROADBAND CPE DEVICES USING AWS IOT

**Usman Javaid**, Sr. Practice Manager, IoT, AWS  
**Alina Dima**, IoT Consultant, AWS  
**Stephen Campbell**, Head of Smart Hub Architecture, British Telecom

Jan. 12 8:00AM – 8:30AM (PST)

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## MFG201 - TEREX IMPROVES QUALITY AND OPTIMIZES MANUFACTURING WITH AWS

**Michel Putnik**, Principal GTM Specialist, IoT, AWS  
**Scott McNeal**, CIO, Terex

Jan. 12 9:00AM – 9:30AM (PST)

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## IOT304 - IMPROVING PRODUCT QUALITY USING AWS IOT SITEWISE

**Asim Sasmal**, Principal GTM Specialist, IoT, AWS  
**Ravi Raghunathan**, Founder and CEO, TensorIoT

Jan. 12 10:30AM – 11:00AM (PST)

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## IOT305 - ELEVATING YOUR IOT SECURITY WITH AWS'S MULTI-LAYERED SECURITY APPROACH

**Ryan Dsouza**, Senior Solution Architect, IoT, AWS

Jan. 12 12:30PM – 1:00PM (PST)

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## IOT306 - MANAGING ROBOT FLEETS WITH AWS

**Jeremy Wallace**, Principal Solution Architect, Robotics, AWS  
**Massimiliano Angelino**, Principal Solution Architect, IoT, AWS

Jan. 12, 1:30PM – 2:00PM (PST)

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## IOT307 - HOW TO EFFICIENTLY ARCHITECT IOT APPLICATIONS TO OPTIMIZE ROI

**Aditi Gupta**, Senior Solution Architect, IoT, AWS

Jan. 12, 3:00PM – 3:30PM (PST)

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## IOT308 - ACCELERATING THE FUTURE OF CONNECTED VEHICLES WITH AWS

**Neel Mitra**, Principal Solution Architect, IoT, AWS  
**Shazaan Bahrainwala**, Senior Product Manager, DENSO

Jan. 13 8:45AM – 9:15AM (PST)

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## IOT309 - USING AWS SERVICES TO CREATE INNOVATIVE AND SECURE IOT CONSUMER PRODUCTS

**David Reis**, Principal Solution Architect, IoT, AWS  
**Evert Van Cauwenberg**, CTO, Jane.be

Jan. 13 10:15AM – 10:45AM (PST)

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## IOT310 - ACHIEVING TANGIBLE BUSINESS OUTCOMES WITH EDGE-TO-CLOUD IOT SOLUTIONS

**Mike Rohrmoser**, Sr. Manager, Segment Lead, IoT, AWS  
**Gaurav Gupta**, Sr. Partner Solution Architect, IoT, AWS  
**Byron BeMiller**, Director, Smart Building & Smart Home, Semtech

Jan. 13, 11:45AM – 12:15AM (PST)

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## MFG302 - HYUNDAI BUILDS SMART SERVICES FOR ITS CONNECTED MACHINERY

**Steve Blackwell**, Tech Leader, Manufacturing, AWS  
**Kyehyun Choi**, ICT Development Team Leader, Hyundai Construction Equipment

Jan. 13 12:30PM – 1:00PM (PST)

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## ENT311 - SAP SMART FACTORY: INSIDE VW'S DIGITAL PRODUCTION PLATFORM

**Chris Williams**, Sr. SAP Innovation Architect, AWS  
**Christoph Groll**, Sr. IT Project Manager, Volkswagen Group

Jan. 13 12:30PM – 1:00PM (PST)

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## IOT311 - GETTING TO PRODUCTION FAST WITH THE AWS CONNECTED FACTORY SOLUTION

**Prashanth Adiraju**, IoT Acceleration Lead, AWS  
**Thomas Cummins**, Senior Partner SA, IoT, AWS  
**Stuart McCutcheon**, GVP, Siemens Digital Industries Software

Jan. 13 12:45PM – 1:15PM (PST)

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## IOT402 - HOW TO BUILD CONNECTED MICROCONTROLLER APPS WITH FREERTOS

**Richard Elberger**, Principal Technologist, IoT, AWS

Jan. 14 9:30AM – 10:00AM (PST)

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## IOT403 - PREDICTING ANOMALIES BEFORE CRITICAL FAILURES HAPPEN USING MACHINE LEARNING AND AWS IOT

**Atul Bargaje**, Principal Consultant, IoT, AWS  
**Yuxin Yang**, IoT Consultant, AWS

Jan. 14 11:15AM – 11:45AM (PST)

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