



# MarketsandMarkets Industry 4.0 Conference: Cyber Security & IIOT

23rd - 24th September 2019, Chicago-USA

## EVENT OVERVIEW

Join MarketsandMarkets Industry 4.0 Conference: Cybersecurity & Industrial Internet of Things at Chicago, to address the recent case studies, round table discussions and much more about the need, integration, challenges in space of cybersecurity and industrial automation in the areas of energy/power, retail, healthcare, automotive, aviation, telecom & information technology.

Come & network with your peers to learn from leading experts about cybersecurity and IIOT solutions to make manufacturing smarter. Gain support & access to business, hear about large- & small-scale 4.0 case studies!



## KEY HIGHLIGHTS

- Integration of cybersecurity
- Need of industrial revolution
- Cyber risk and compliance strategy
- Implementation of IIOT
- Smart manufacturing practice
- Used cases of implementation

## INDUSTRY PRESENCE

- Automotive
- Aviation
- Healthcare
- Energy & Power
- Telecom & IT
- Retail

## WHO SHOULD ATTEND?

Vice Presidents, Heads, Chiefs, Directors, Lead engineers, chief architects, managers from the technological and manufacturing firms from the departments of:

- Innovation
- Security
- Marketing
- Strategic Marketing
- Operations
- Technology
- Manufacturing

## MEDIA PARTNER

**CrowdReviews**  
Buyers Guide Based On Client Reviews



# Meet our Esteemed Speakers

## ADVISORY BOARD

- **Andrew Ginter**, Vice President Industrial Security, **Waterfall Security**
- **Mike Banic**, Vice President Marketing, **Vectra Networks**
- **Chris Morales**, Head of Security Analytics, **Vectra AI**

## SPEAKER PANEL

- **Robert Rencher**, Senior System Engineer, **The Boeing Company**
- **Travis Mcneal**, Director, Supply chain transformation, **Walmart**
- **Nishant Raj**, Global Industry 4.0 Lead - IAS Division, **Atlas Copco**
- **Srinivas Nidamarthi**, Global Technology Manager, Digital Leader, **ABB Robot Systems**
- **Michael Vladimer**, Co-Founder, IoT Studio, **Orange Silicon Valley**
- **Kirsten Billhardt**, Marketing Director, Internet of Things, **Dell Technologies**
- **Nabil Malouli**, Vice President, Customer Solutions & Innovation, **DHL**
- **Sanjay Bakshi**, Head Strategy & Innovation, **Shell**
- **Yasir Qureshi**, Director - IoT Platform and Digital Architecture, **Stanley Black & Decker, Inc.**
- **Anupam Singh**, Investment Principal, **Saudi Aramco Energy Ventures**
- **Sven Schrecker**, Vice President and Chief Architect, Cyber Security, **LHP Engineering Solutions**
- **Noorddin Taj**, SAP Strategy & Architecture Lead, **British Petroleum**
- **Christopher Chong**, President & CEO, **SST Wireless**
- **Dan Pompilio**, President & CEO, **SimpleC**
- **Jonathan D. Linkous**, CEO, PATH, **Linkous Health**
- **Kyle Ellicott**, Chief Labs Officer & Founder, **ReadWrite Labs**
- **Thomas Nuth**, Sr. Director, Marketing, **ForeScout Technologies, Inc.**
- **Laura Thomas**, Senior Specialist Projects, Solution Delivery Americas - Industrial & Operational Technology, **Rio Tinto**

## OTHER SPEAKING COMPANIES

- Proctor & Gamble
- Cummins Inc.
- Whirlpool
- HOMAG
- AT&T
- FBI
- Schneider Electric
- CS&C external affairs

# AGENDA 2019

## DAY 01 23rd September

### Monday

07:55 Registration

08:55 Opening note by MarketsandMarkets

09:00 Keynote presentation: How revenue mix is changing for Industry 4.0 as an industry  
Shelly Singh, COO, MarketsandMarkets

09:30 Progressive Disintermediation of the Commercial Aviation Industry Ecosystem

- Emergent technology facilitating the progressive disintermediation of traditional aviation business solutions and services
  - The key to success in this transformative endeavor is the approach and integrated use of rapidly evolving technology
  - Five technology sets to consider: Blockchain, IoT, Artificial Intelligence, 5G Cellular Technology and Mobile Edge Computing
  - The technology assertions of today will find their way into tomorrow's business value propositions. This is especially applicable to the aviation industry
  - Innovative leadership and the integrated adoption of emergent information technology by Boeing and other aviation industry participants will be required to enable an opportunistic outcome
- Robert J. Rencher, Sr. Systems Engineer, The Boeing Company**

10:00 Panel discussion - Greenfield opportunities in Industry 4.0

10:30 Panel discussion - How to we prioritize growth strategies for Industry 4.0

**11:00 Morning refreshment and Networking**

## INDUSTRIAL REVOLUTION

11:50 Round table discussion-Adaptation of Industry 4.0 across top industry segments viz: AI, Blockchain, 3D Printing & IIOT, Cybersecurity

12:35 Increasing adoption of cloud based IIoT platforms for connected medical device management

13:05 New revenue stream through cybersecurity solutions for securing the manufacturing value chain as OT (operational technology) and IT (information technology) converge

**13:35 Lunch Break and Networking**

## INTEGRATION OF CYBERSECURITY

14:35 Impact of augmented reality on remote field assistance to monitor networks and provide technical advice





# AGENDA 2019

## DAY 01 23rd September

### Monday

#### 15:00 Automotive Trustworthiness: Safety, Reliability, Privacy, Resilience and Security

- The technologization of the vehicle comes at the cost of giving up more and more control from human to machine
- How then do we assert that the proper level of trust is present when we give over the control?
- The challenges that technology poses to the safety systems of modern vehicles, as well as the potential impact on reliability
- Cyber security is implemented to assure the integrity of the safety, reliability, and privacy controls as well as to ensure resiliency when stress is applied to the new generation of people-moving compute platforms

Sven Schrecker, Vice President and Chief Architect, Cyber Security, LHP Engineering

#### 15:30 Panel discussion: Incorporation of Cybersecurity solutions

Panelists:

Sven Schrecker, Vice President and Chief Architect, Cyber Security, LHP Engineering

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#### 16:00 Afternoon Refreshments and Networking

16:50 Security and compliance strategy

17:20 Cyber risks and strategies to overcome these risks

17:50 Closing remarks

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#### 17:55 Drinks Reception & Networking

19:00 End of Day 1



# AGENDA 2019

## DAY 02 24th September

Tuesday

08:30 Registration

08:55 Opening note by MarketsandMarkets

### INDUSTRIAL INTERNET OF THINGS

09:00 Latent demand of distributed ledger solutions such as blockchain for energy trading and billing within micro-grids  
Sanjay Bakshi, Head Strategy & Innovation, Shell

09:30 How to extract value from the internet of things?

- Internet of things (IoT) devices allow businesses to capture data as never before, but too many products fail to deliver real value for customers
- This presentation examines the trends in big data that underpin IoT and explains how to turn raw data into valuable analysis
- This talk culminates in the “20-80 Rule of Big Data” which explains why the 80-20 Rule (Pareto Principle) applies to conventional systems but not IoT and big data. You’ll come away from this talk with a framework to deliver value to your customers

Michael Vladimer, Co-Founder, IoT Studio, Orange Silicon Valley

10:00 Opportunity related to AI based proactive solutions for efficient and safe pipeline operations  
Anupam Singh, Investment Principal, Saudi Aramco Energy Ventures

10:30 *Morning refreshment and Networking*

### PRACTICE AREAS OF IIOT

11:10 Panel discussion: Automotive vs Process Industry

12:35 Application on IIOT in discrete manufacturing

13:05 Case study

13:35 *Lunch Break and Networking*

14:35 Case study

15:00 How IIOT will benefit small scale manufacturers?

15:30 Round table discussion: Futuristic view for the technology for the next 5 years in line

Panelists:

Laura Thomas, Senior Specialist Projects, Solution Delivery Americas - Industrial & Operational Technology, Rio Tinto

16:00 End of Conference

