June 21-24, 2022 | Ft. Lauderdale, Florida

IoTEvolutionExpo.com

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#IoTEvolutionExpo

IoT Evolution. Expo

#TECH SUPERSHOW

2022 ATTENDEE BROCHURE

PART OF THE #TECHSUPERSHOW

IoT Evolution. Expo

Industrial IoT. Conference

5G EXPO.com

Intelligent Edge. Expo

The Smart City. Event

6G EXPO.com

ITEXPO

FUTURE of WORK

MSP EXPO

THE BLOCKCHAIN EVENT

Why Attend IoT Evolution?

Participate in over 120 business and technology IoT conference sessions, workshops and keynotes. Meet with hundreds of key suppliers on the IoT trade show floor. Explore the industries and verticals where IoT is powering the most disruption and opportunity. Plus, discover advances in edge computing, machine learning and AI; and understand the role these technologies play in ushering in the new age of digital transformation.

Intelligent Edge. Expo™

- Smart City Edge Solutions
- Security at the Edge
- Connected Edge in Transportation
- Intelligent Systems Design
- Sensors, Gateways, Endpoints

5GEXPO.com

- 5G Use Cases
- Fixed and Mobile Carriers
- Competitive Landscape
- Spectrum wars

The Smart City Event™

- Smart City Systems
- Public/Private Partnerships for Success
- What the Smart City can Learn from Smart Building
- 5G and smart city rollouts
- Smart Transportation, telematics and infrastructure
- Ubiquitous networks - enabling smart city connectivity and applications
- Smart Energy, HVAC monitoring and management
- Agriculture and Farming applications

IoT Evolution. Expo™

- IoT Gateways
- AI, Machine Learning and making IoT Aware
- IoT Deployments with platforms and API's
- Managing IoT between IT and OT
- Blockchain
- Software Defined IoT
- Open Source IoT
- IoT in the Channel

Industrial IoT. Conference

- Smart Manufacturing
- IIoT Security: AI and ML
- Industrial Smart City
- Role of ML in IIoT
- Digital Twin: Uses,
- Advantages, Implications

6GEXPO.com

- True potential of 6G Speed
- Changes in Spectrum policy
- Advances in SIM Management
- Small Cells and impact on speed
- 6G Business model

3,000+ Attendees

750+ Companies

195 Speakers

90+ Countries Represented

27 Sponsors

Destination
Ft. Lauderdale

Time and time again, #THETECHSUPERSHOW decends on South Florida for one of the biggest and longest running technology communications events in North America. Why? Because South Florida is where the industry has been coming to meet partners, forge relationships, purchase the latest tech for their companies and learn about the hottest trends coming to market. 2022 is no different! Join us for our 32nd event and rejoin the industry to reimagine communications and technology like never before!

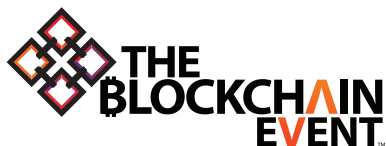### 6/21-6/24
2022

IoT Evolution. Expo #TECH SUPERSHOW

Experience the IoT Evolution EXPO #TECHSUPERSHOW Universe! More technologies and more opportunities to help your business integrate, adapt and grow!

Collocated Events Only @ #TECHSUPERSHOW

(Click any event for more information)

ITEXPO

THE BLOCKCHAIN EVENT	cannatech expo	FUTURE of WORK
Industrial IoT. Conference	Intelligent Edge. Expo	The Smart City. Event
MSPEXPO	5GEXPO.com	6GEXPO.com

What's in focus at IoT Evolution Expo?

Anything that Connects

- The new age of Bluetooth
- WiFi6: Securing the remote future
- LoRaWAN: Rapid Deployment meets Rapid Adoption
- 2G/3G: How long can a sunset last
- LTE 4G: basis of the future
- Massive Mobility 5G NB-IOT and LTE M
- Moving Things and 5G low latency
- Seeing Things 5G on the high end

Anything That Works: The Case Studies

- Lessons in localization – Retail
- I Robot run the Warehouse
- Staying Cold Lessons in Cold Chain transit
- Smart City: Keeping Citizens safe and happy
- Industrial IoT - The innovation never stops
- Smart Buildings Beyond HVAC
- Healthcare: the patient the doctor and the bill
- Asset Management – Keeping Remote Devices Connected

Industrial IoT

- How to Manage and migrate Legacy systems
- Changes in Industrial Controllers
- Production Lessons from the Automotive Industry
- Harmonizing the data from the factory floor
- Digital Transformation Reengineering Process
- Lone Worker Safety solutions
- Strategies in Warehouse management
- Security – From Start to Finish

Anything That Matters

- Getting to the relevant (meta) data
- Mobile Edge Compute: Quick and Smart
- Private Network Strategies. CBRS
- Orchestration Getting to the Single Pane of Glass
- Digital Twins and Digital Transformation
- IT and OT are we at the point of détente?
- Virtualization and the Cloud
- Who benefits from Network Slicing?

The Intelligent Edge

- We have 5 senses, but things have sensors galore
- Processing Power moving processing from game graphics to analytics
- Moore's Law bringing autonomy to things
- Is it time to leave AI unsupervised?
- Lessons in Analytics
- Finding the Right Unit of Measure for IoT Success
- Not Big Data, but Relevant Data

Smart City

- Smart City – First Responder Solutions
- Wastewater – making sure runoff does run away
- Smart Meters – Beyond the Bill
- Smart Citizens – How to guarantee reelection
- Smart Traffic - keeping things moving
- Smart Government – Digital Signage, Citizen kiosks
- Smart Protection – How IoT protects & serves
- Smart Street Lighting

Who Should Attend

Enterprise and IoT Adopters:

If you are looking to implement solutions, wondering where IoT will have the most significant impact, or need to understand where advanced technologies like edge computing, AI, Machine Learning and others fit into your IoT strategy you need to attend IoT Evolution.

The IoT Ecosystem and Developers:

IoT Evolution is one of the largest IoT communities in the industry. Get insight on how to develop and refine your IoT strategies to transform and improve your customer's business performance. Identify partners and prospects, understand the investment climate and what verticals are seeing the most traction. Make face-to-face connections with IoT influencers and potential customers

Service Providers, Network Providers and Cloud Providers:

With a projection of 20B+ devices by 2020, network and service providers will see huge increases in traffic and business opportunity as a result of these connected devices. IoT Evolution covers critical infrastructure topics highlighting how network and service providers can enable IoT services while still remaining true to their voice and broadband customers. Market opportunities and business models are also discussed.

Analysts, Venture Capital Firms and Press:

Find out who is making money in IoT and where the smart money is going. Meet the movers and shakers, newcomers and those companies poised to disrupt traditional business models.

PAST #TECHSUPERSHOW ATTENDEES COME FROM A WIDE RANGE OF NOTABLE COMPANIES

THANK YOU #TECHSUPERSHOW SPONSORS!

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Exhibitor Directory as of 12/14/2021
(Click here for the most up tp date Exhibitor List)

ENTRANCE

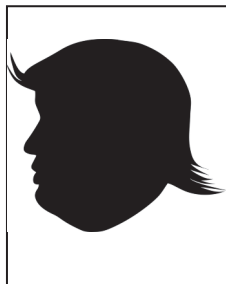| Company Name	Booth #
888VoIP	529
Adaptiv Networks	629
Aircall	711
AireSpring	329
Algo Communication Products Ltd.	735
Altaworx	736
Altice	717
Amazon Web Services	Sponsor IoT
Aparavi	524 MSP
Bandwidth	317
BEKA Business Media - CVx	943
Bio-Key International	536 MSP
Black Land Ownership	834 BLOCK
Blockchain of Things	740 BLOCK
Boom Collaboration	927
C3 Complete	528
ChannelPro Network	940
CieloIT	422 MSP

Company Name	Booth #
CLA (CliftonLarsonAllen LLP)	335
Cocoflo Innovations	840 IoT
Comcast Business	717
Compliancy Group	436
ConnectWise	Sponsor MSP
COWORKS	352 FOW
Cox Business	717
Crexendo	223
CyberData Corp	437
Datagate	831 MSP
Dell Technologies	611 MSP
Devolutions	734 MSP
Dialfire	541
Digi International	537
Ecosmob Technologies Pvt. Ltd.	522
eFax (Consensus)	349
EPOS	322
Everconnect Data Systems	441 MSP
FairCom	217 IoT
Fanvil Technology Co., Ltd	737
FaxBack	534
Flyingvoice Network Technology Co., Ltd.	728
GetWireless LLC	907 IoT
GoMeat	910 Blockchain
Grandstream	507
Granite Telecommunications	637
High Wire Networks	341 442 MSP
HoduSoft	540
Hornet Security	731 MSP
HTEK	723
Hughes	734 MSP
identiv	Sponsor
IKINinc	Sponsor
Intelisys, Inc.	128
Jenne Inc	305
Keeper Security	811 MSP
Lincoln IT	636 MSP
Nebulon	747 MSP
NTSDirect	617
OneBill Software, Inc.	649
Ooma Inc	547 MSP
Orrios	523 MSP
Panorama Antennas	543 IoT
Parallels	515 MSP
PCLiquidations	634
Profitec Billing Services	635
QuestBlue	623 MSP
Red Sentry	731 MSP
Rev.io	535
Rho	643 MSP
RTech	440
Sandy Beaches Software	434
Sangoma Technologies	Meeting Room 2
Sansay	817
Skyetel	823
SkySwitch	722
Social Streaming TV	805
South Florida Chamber of Commerce	663
Spectrum Partner Program	717
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Syniverse	423 IoT
TCG-Telecom Consulting Group	562 563
Telarus	211
TeleDynamics	605
Telinta	729
TelWare Corporation	640
TeraCode	546 IoT
TimelyBill	311
TransNexus, Inc.	435
US Signal	337 MSP
Viirtue LLC	801
VIKING ELECTRONICS	829
VitalPBX	323
Vizetto	641 FOW
VoIP Supply, llc	628 MSP
Yealink	407
ZYCOO Co., Ltd.	828

**For Exhibitor and Sponsorship Information contact Dave Rodriguez at drodriguez@tmcnet.com • 203.852.6800 Ext. 164
or Maureen Gambino at mgambino@tmcnet.com 203.852.6800 Ext. 109**

IoT Evolution. Expo
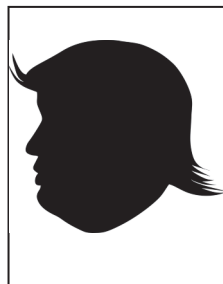June 21-24, 2022 | Ft. Lauderdale, Florida

#TECH SUPERSHOW

Wednesday, June 22 - Floridian Ballroom, 3rd Floor

Wednesday, June 22 - 4:00 PM
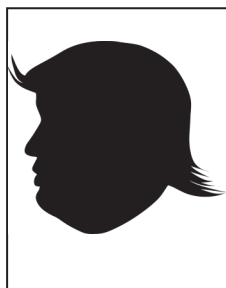**First Last**
CEO of the biggest company we could get

COMPANY
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Wednesday, June 22 - 4:00 PM
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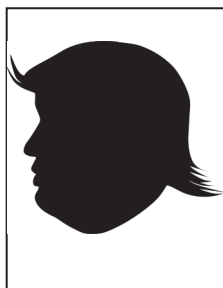CEO of the biggest company we could get

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Thursday, June 23 - Floridian Ballroom, 3rd Floor

Thursday, June 23 - 8:30 AM
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Thursday, June 23 - 8:30 AM
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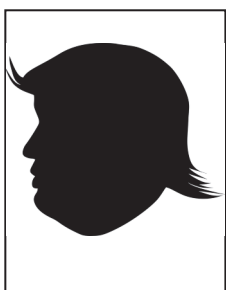
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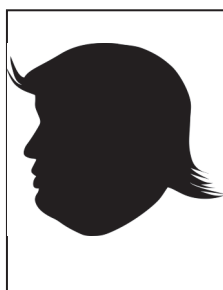
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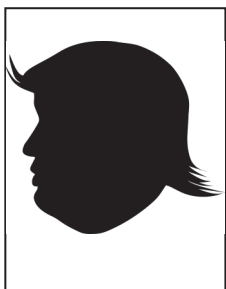
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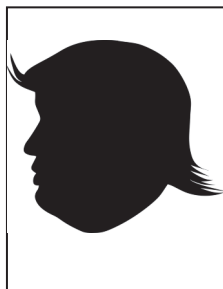
Thursday, June 23 - 8:30 AM
First Last
CEO of the biggest company we could get

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Tuesday, June 21, 2022	
5G/6G Solutions	**Intelligent Edge Solutions**
220	**221**
Battle of the Sixes — To the Victor goes the Spoils	Processing Power: Moving Processing from Game Graphics to Analytics
Moving Things and 5G Low Latency	Not Big Data, but Relevant Data
Spectrum Wars: How do we Arm Ourselves for 6G?	Is it Time to Leave AI Unsupervised?
Solutions Showcase - Battle for the ROI	
Solutions Showcase - Battle for the ROI	
Solutions Showcase - Battle for the ROI	
Welcome Reception (Floridian Ballroom Lobby) - For Paid Conference Pass Holders, Exhibitors, Sponsors, Speakers, Press	

TRACK
ROOM
1:00-1:45Pm
2:00-2:45pm
3:00-3:45pm
4:00-4:45pm
5:00-5:45pm
6:00-6:45pm
7:00pm

Wednesday, June 22, 2022		
TRACK 5G/6G Solutions	Industrial IoT Solutions (Room	Smart City Solutions
ROOM 220	222	221
8:30am Continental Breakfast - Full conference passes only		
9:00am Keynote Presentation - Open to all Badge Holders		
10:00am Keynote Presentation - Open to all Badge Holders		
11:00am Keynote Presentation - Open to all Badge Holders		
11:30am Keynote Presentation - Open to all Badge Holders		
12:00pm Conference Luncheon - For Paid Conference Pass Holders, Exhibitors, Sponsors, Speakers, Press		
1:00-1:25am Digital Twins and Digital Transformation	Driving Production Lessons from the Automotive Industry	Smart Street Lighting
1:30-1:55pm IT and OT: Are We at the Point of Détente?	The Compelling Case for LiDAR	Smart Protection – How IoT Helps Protect and Serve
2:00-2:25pm Virtualization and the Cloud	Harmonizing the Data from the Factory Floor	Smart City – First Responder Solutions
2:30-2:55pm Getting to the Relevant (meta) Data	Lone Worker Safety Solutions	Smart Traffic - Keeping Things Moving
3:00-3:25pm Mobile Edge Compute: Quick and Smart	Strategies in Warehouse Management	Smart Government – Digital Signage and Citizen Kiosks
3:30-3:55pm Private Network Strategies: CBRS, Private Networks etc.	How to Manage and Migrate Legacy Systems	Smart Meters – Beyond the Bill
4:00-7:00pm IoT Evolution Expo #TECHSUPERSHOW Expo Hall Grand Opening		
5:00pm Grand Opening Networking Reception in Expo Hall		

Thursday, June 23, 2022

TRACK	5G/6G Solutions	Industrial IoT Solutions	Smart City Solutions	Solutions Theatre
ROOM	220	222	221	Expo Hall Theatre
8:15am	Continental Breakfast - Full conference passes only			
8:30am	Keynote Presentation - Open to all Badge Holders			
9:00am	Keynote Presentation - Open to all Badge Holders			
9:30am	Keynote Presentation - Open to all Badge Holders			
10:00am	Keynote Presentation - Open to all Badge Holders			
10:30am	Keynote Presentation - Open to all Badge Holders			
11:00am-4:00pm	IoT Evolution Expo #TECHSUPERSHOW Expo Hall Open			
12:00pm	Lunch Vouchers Provided to Paid Conference Pass Holders			
1:00-1:25pm	Advances in SIM Management	Smart Buildings Beyond HVAC	LoRaWAN: Rapid Deployment Meets Rapid Adoption	Face the Music: The New Age of Bluetooth
1:30-1:55pm	Healthcare: The Patient The Doctor and The Bill	Session Details TBA	Ease Interoperability in Smart Cities - How Standards Can Prevent Vendor-lock-in	We Only have 5 Senses, but Things have Sensors Galore
2:00-2:25pm	Staying Cold Lessons in Cold Chain Transit	Yet Another Generation: Changes in Industrial Controllers	NB-IoT: Real-world Cases that Power a World of Possibilities	The Need for Speed: How Fast can 6G Transmit?
2:30-2:55pm	Asset Management – Keeping Remote Devices Connected	I Robot Run the Warehouse	Security – From Start to Finish	Use it or Lose it! Changes in Spectrum Policy
3:00-3:25pm	Lessons in Localization – Retail	Industrial IoT: The Innovation Never Stops	Raising the Bar for IoT Security with the Matter Standards	Presentation Details TBA
3:30-3:55pm	Wastewater – Making Sure Runoff Does Run Away	Digital Transformation Reengineering Process Production	NB-IoT - A 5G Technology for Smart Cities	Presentation Details TBA
4:15pm	IDEA Showcase: Startup Pitch Networking Event & Reception			
8:00-10:00pm	Networking LIVE! Reception - On the Amazing Spacious Seaside Patio of the Loews Miami Beach Resort			

Friday, June 24, 2022

	Solutions Theatre
TRACK	Solutions Theatre
ROOM	Exhibit Hall Theatre
9:00am	Brunch Served in ITEXPO #TECHSUPERSHOW Expo Hall
9:00am-12:00pm	ITEXPO #TECHSUPERSHOW Expo Hall Open
9:05am	Presentation Details TBA
9:30am	Small Cells: Why Smaller Means Faster!
10:00am	Orchestration Getting to the Single Pane of Glass
10:30am	Who Benefits from Network Slicing?
11:00am	Setting the Stage for 6G
11:30am	Presentation Details TBA

Conference Session Descriptions

Solutions Showcase: Tuesday, June 21, 2022

4:00-5:45pm
Battle for the ROI

Competition breeds greatness. The Internet of Things (IoT) is delivering efficiency, productivity, safer work environments, further reach, enhanced capabilities, increased customer engagement and overall operational gains. Demo how at IoT Evolution Expo's Solution Showcase.

It's time to cut through the marketing jargon and jump to bottom-line results. This year's IoT Evolution Expo is putting the spotlight on ROI – Results-Oriented IoT.

The Solution Showcase offers IoT solution and service providers the opportunity to let results do the talking. The platform offers each competitor 10 minutes to display a case study with tangible, bottom-line business results. The cold hard data delivered, is the determining factor for judges, as we're moving beyond ideation to concrete, real-world IoT applications and real-world IoT results.

The Solution Showcase culminates with a brief award ceremony and reception celebrating participants, award recipients and the biggest winner of all, the IoT.

6:00-6:45pm
Solutions Showcase Awards Ceremony

5G/6G Solutions: Tuesday, June 21, 2022

1:00-1:45pm
Battle of the Sixes — To the Victor goes the Spoils

The vision for 6G cellular is to manage other networks in the enterprise, which is already being done by internal systems. The vision for wi-fi6 is to enable better roaming beyond the enterprise. Clearly there is a convergence on the vision for the future of communications. Who has the advantage now and how will their systems change in the future?

2:00-2:45pm
Moving Things and 5G Low Latency

Ultra-reliable low-latency communication (URLLC) is the 5G network design for low latency applications. Low latency is important for self - driving cars, and other applications processing large amounts of data with minimal delay (or, latency). Other applications include factory automation, the industrial internet, smart grid, and robotic surgeries.

3:00-3:45pm
Spectrum Wars: How do we Arm Ourselves for 6G?

In order for 6G to be deployed, carriers are going to require new frequencies and additional spectrum. We know governments are enabling spectrum options in the future. Who has an advantage with their existing spectrum? Who is poised to act and will there be other players in the marketplace before the spectrum wars are settled?

5G/6G Solutions: Wednesday, June 22, 2022

1:00-1:25pm
Digital Twins and Digital Transformation

The key to digital transformation is to turn processes and services into visible data elements. To accomplish this task companies often need to replicate physical elements with digital twins. How do companies implement digital twins to ensure digital transformation optimizes systems? What physical elements need to be developed?

1:30-1:55pm
IT and OT: Are We at the Point of Détente?

As the use of IoT continues to grow in the enterprise, the overlay between IT's network and the connectivity needed by operations continues to blur. The ability to add diagnostics and analytics into management reporting systems has made the benefits of IT and OT to integrate their requirements an imperative. How is the dynamic changing and what are the key service indicators that are driving this adoption?

2:00-2:25pm
Virtualization and the Cloud

More and more processes that used to be done physically are being operated remotely. As assets are managed from greater and greater distances, what impact does it have on how companies utilize their own assets and rely on the cloud for services?

2:30-2:55pm
Getting to the Relevant (meta) Data

It may be possible to capture everything, but is it necessary? As IoT applications connect to the cloud the question of what needs to be measured and kept becomes the essential discussion. In this session, we look at how the data is sent to the cloud.

Conference Session Descriptions

5G/6G Solutions: Wednesday, June 22, 2022 (Cont.)

3:00-3:25pm
Mobile Edge Compute: Quick and Smart
Where is the edge? What services can be offered at the point where the enterprise connects to the cloud? What can be optimized, and which applications benefit from processing closer to the enterprise?

3:30-3:55pm
Private Network Strategies: CBRS, Private Networks etc.
IoT applications often integrated into operations and as such, require privacy and security network architecture. Many alternative network architectures can fit this model including the use of CBRS, LoRaWAN and hybrid solutions. How are companies evaluating their options and determining the right solutions for their requirements?

5G/6G Solutions: Thursday, June 23, 2022

1:00-1:25pm
Advances in SIM Management
Configuring cellular has always been based on the use of SIM identifiers. Currently we are in transition from SIM hardware to software SIMs. As this transition occurs, the opportunity exists for SIM Management to deliver different solutions such as Wi-Fi. On the other hand, Wi-Fi management has always been done via software. Is the future for SIM management to be simplified and will alternative networks be supported as well?

1:30-1:55pm
Healthcare: The Patient The Doctor and The Bill
One of the most complicated areas to deploy IoT is healthcare. As the relationship between insurers, doctors, and patients is augmented by healthcare monitoring solutions. What is enabling remote patient care, how is IoT in the hospital changing the distribution and patient transport?

2:00-2:25pm
Staying Cold Lessons in Cold Chain Transit
An old joke asks the question, "How does a thermos know how to keep cold things cold and hot things hot?" Today using IoT the question is how we transfer goods that need temperature control and maintain the right temperatures. The answer is using sensors in a variety of places including the goods themselves. How do we know the cold chain is consistent from beginning to end?

2:30-2:55pm
Asset Management – Keeping Remote Devices Connected
The impact of COVID-19 was dramatic for remote management as reducing the risk to staff became a priority and the RoI of Remote IoT solutions became obvious. Where do we stand on adoption of Remote Asset management, has IoT reached the top of the adoption curve? What innovation will keep the adoption rate high?

3:00-3:25pm
Lessons in Localization – Retail
Bluetooth and Wi-Fi have added to the experience of a retail environment. How does enabling localization change inventory management? How can the consumer benefit with navigation and applications using the Internet of Things?

3:30-3:55pm
Wastewater – Making Sure Runoff Does Run Away
Water is not everywhere after all. Sometimes it needs to be collected to mitigate drafts and sometimes it needs to be steered safely away from homes and highways. In addition, sometimes run off mixes with wastewater in ways that frankly stink. In this session we look at how IoT supplements better planning and water use and most importantly how to support the basic requirement of clean drinking water.

Edge Solutions: Tuesday, June 21, 2022

1:00-1:45pm
Processing Power: Moving Processing from Game Graphics to Analytics
The reality is we are ready for 5G – and investigating 6G. Graphics processing is happening at speeds that make rendering real time to the human eye. How does this ability to process change the way we use and see analytics?

2:00-2:45pm
Not Big Data, but Relevant Data
Gathering Data because you can is not the same as gathering the data you need. In fact, the cost of maintain data can get quite costly and provide little if any value. You have all the data now what? How is the data displayed? What role does AI represent in the evaluation of information? This session looks at the metadata that makes for relevant analysis, while also exploring how information is visualized, selected and shared.

Conference Session Descriptions

Edge Solutions: Tuesday, June 21, 2022 (Cont.)

3:00-3:45pm
Is it Time to Leave AI Unsupervised?

We have taught machines to learn and now we are the point where automation is more than capable of addressing a variety of applications. What are the concerns that need to be considered when deploying artificial intelligence? Is it time for things to have mind of their own?

Industrial IoT Solutions: Wednesday, June 22, 2022

1:00-1:25pm
Driving Production Lessons from the Automotive Industry

Continual improvement is the promise every year when the new models of car are revealed. These continual advancements represent a requirement for better flexibility in production. It also represents an adoption of IoT in the car systems themselves. Here we are talking about what happens as the car moves from production to customer and how IoT continues delivering services to the driver.

1:30-1:55pm
The Compelling Case for LiDAR

LiDAR is in no way the new kid on the block. But, its use cases are expanding rapidly, and improvements in range and accuracy deserve much of the credit. In this session we will investigate how advances in the technology equate to applications being deployed.

2:00-2:25pm
Harmonizing the Data from the Factory Floor

2:30-2:55pm
Lone Worker Safety Solutions

Oil fields, Chemical plans, and cellular towers are only a few of the places where the work that needs to be done is by a specialized resource. The safety of specialized workers represents three interesting issues. The first is monitoring the workers safety, the second is ensuring the worker can complete the work, and the third is making sure resources are available for rescue. All of this represents a combination of data and location information being collected in real-time. Join us to explore lone worker safety.

3:00-3:25pm
Strategies in Warehouse Management

Automation in the warehouse includes robotics, inventory management/digital twins, supply chain and security solutions. All of these have requirements for connectivity and production grade platform. How is the enterprise managing these systems? Is there holistic or siloed vision?

3:30-3:55pm
How to Manage and Migrate Legacy Systems

Industrial solutions are capital intensive and designed to last for decades. Retooling must be evaluated to match existing legacy systems life cycle and show almost immediate benefits in production. What kinds of applications are matching these specifications and what industries are benefitting the most?

Industrial IoT Solutions: Thursday, June 23, 2022

1:00-1:25pm
Smart Buildings Beyond HVAC

Heating, Ventilation and Air Conditioning are basics systems that have been a shared resource in older buildings. Smart Buildings have enabled better support for tenet specific preferences. As people come back to the office, how has the smart building been optimized to reduce health risks and better tenet services?

2:00-2:25pm
Yet Another Generation: Changes in Industrial Controllers

Smart and faster sounds good, but if the production value is not directly impacted it's just a nice to have and not a need to succeed. So, what makes the generation of controllers with the additional processing and added flexibility provide true value?

2:30-2:55pm
I Robot Run the Warehouse

Robots have become common in the warehouse with inventory and pick systems. Now the use of Artificial Intelligence and Machine Learning are being deployed to optimize these solutions. How does autonomous robotics impact warehouse management?

Conference Session Descriptions

Industrial IoT Solutions:
Thursday, June 23, 2022 (Cont.)

3:00-3:25pm
Industrial IoT: The Innovation Never Stops

The Industrial Internet of Things was an early adopter vertical segment seeing ways to improve production and quality management. Now we are seeing the use of additional wireless connectivity to further improve the processes in production. What are the latest trends and biggest benefits for industry?

3:30-3:55pm
Digital Transformation Reengineering Process Production

Digital Transformation is so loosely defined that it means everything from work at home to building automation. For our purposes, IIoT digital transformation looks at how processes are changed in the production of products and services. This can mean everything from new business models to on demand delivery. Here you will learn that digital transformation is more that enabling a digital twin but improving processes and delivering real time flexibility.

Smart City Solutions:
Wednesday, June 22, 2022

1:00-1:25pm
Smart Street Lighting

It sounds easy enough. Let's connect all the lights and enable better energy efficiency. However, once a streetlight is connected, adding other sensors capable of detecting criminal activity, gathering traffic information, video monitoring and other data collection can come at an incremental cost. This session we explore that value, smart streetlights and the way they have become a first mover for other smart city strategies.

1:30-1:55pm
Smart Protection – How IoT Helps Protect and Serve

There are few lightning rods larger than discussing the police force. The adoption of body cameras and role of active citizenry seem to make us aware of grievances faster, but not eliminating the problems we face. How can the adoption of technology support the need of government officials to keep people safe and reduce the incidents that threaten escalation?

2:00-2:25pm
Smart City – First Responder Solutions

AT&T has completed the First Responder Network. For the most part it is being used to support voice communication, yet the need for first responders is to have all the information to be able to evaluate and execute quickly still exists. Given our recent experience with flash floods and trends in violence, how can IoT increase information at hand to respond more rapidly and effectively, and avoid future catastrophe.

2:30-2:55pm
Smart Traffic - Keeping Things Moving

Hot, flat and crowded are the trends and concerns Tom Friedman pointed out in his book. We may not be able to change those trends, but using IoT we can impact the flow of the city not only during the day to day, but in situations of crisis or a scenario where crowd control is required. Each circumstance means new choices that need analysis and execution. In this session, we look at what can be done to gather the data, evaluate immediate and long-term trends and implement dynamic solutions for the future.

3:00-3:25pm
Smart Government – Digital Signage and Citizen Kiosks

Megan's law made it, so the highway system now has amber alerts to keep citizens informed. Around many transit systems, we have kiosks displaying a mix of advertising with public notices. How is the landscape of informing the public changing and bettering targeted information transfer and real time communications?

3:30-3:55pm
Smart Meters – Beyond the Bill

The recent generation of IOT Smart Meters was associated with reducing the labor involved with collecting usage information. As the Smart Grid continues to be developed, the ability to guide behavior and make rates reflect supply and demand is making the next generation of meters far more interactive. How is IoT impacting choices and improving the efficiency?

Conference Session Descriptions

Smart City Solutions:
Thursday, June 23, 2022

1:00-1:25pm
LoRaWAN: Rapid Deployment Meets Rapid Adoption

The LoRa Alliance deserves a lot of credit for promoting the standard and keeping the implementation of a LoRaWAN network simple yet scalable. This functionality fits nicely into several IoT applications that don't require higher speeds, but range and low power. This session looks at how the adoption of private and public LoRaWAN is enabling hybrid networking.

1:30-1:55pm
Ease Interoperability in Smart Cities - How Standards Can Prevent Vendor-lock-in

Street lighting, waste management, traffic control, park management, and other smart city applications are long-term investments and planned to be in use for decades. To foster innovation and adoption standards are critical in offering a foundation for growth, and ensuring economies of scale as well as better operational support. How are the standards being developed supporting the future of smart cities?

2:00-2:25pm
NB-IoT: Real-world Cases that Power a World of Possibilities

Narrowband Internet of Things (NB-IoT) is a new radio access technology standardized in 3GPP to enable support for IoT devices. In this presentation, we will review real-life lessons learned from some of the largest deployments of smart meters and connected cars deployments on one of the largest NB-IoT networks in the world. The case studies show how intelligent and smart implementations of IoT can be used to power smart grids, smart cities, intelligent farming, connected cars, and seamless industrial automation.

2:30-2:55pm
Security – From Start to Finish

When it comes to security, IoT can enable everything from physical security to ensuring control and confidentiality. This session provides a comprehensive overview of how companies are applying standards, monitoring security risks and ensuring customer privacy.

3:00-3:25pm
Raising the Bar for IoT Security with the Matter Standards

In this talk, we will explain Matter security in a way that we can all understand. We will also explain how and why Matter security benefits all of us, and speculate on other parts of the IoT world that may eventually be impacted by the innovations included in Matter.

3:30-3:55pm
NB-IoT - A 5G Technology for Smart Cities

Cities that are smart want to be able to install solutions for extended periods of time without the need for maintenance and upkeep. NB-IoT and LTE-M are solutions specifically designed for these applications. This session will explore why low power solutions are serving smart cities well.

Solutions Theatre on Expo Floor:
Thursday, June 23, 2022

1:00-1:25pm
Face the Music: The New Age of Bluetooth

How precise has localization become with BLE 5.1? Look around your sports bar with ear buds on you may find the answer, as the ability to focus the sound to people looking at the screen means you can hear the game you are watching while everyone else watches and hears what they want. How else is the precision being used, and what's next for Bluetooth standards?

1:30-1:55pm
We Only have 5 Senses, but Things have Sensors Galore

As humans, we distinguish between hot and cold, light and dark and other general categories. Sensors take those senses and distinguish them to a level of precision needed for managing quality and ensuring safety. This session looks at some examples of where specialized sensors deliver on precision expectations.

2:00-2:25pm
The Need for Speed: How Fast can 6G Transmit?

6G is in the labs and hitting ludicrous speeds. What are we hearing from the labs and when should we expect to see the solutions roll out? Where will 6G be deployed first? How will the packet core change as result of having another set of protocols to support? This session gives us insight on the who, how, when and where of 6G solutions.

Conference Session Descriptions

2:30-2:55pm
Use It or Lose It! Changes in Spectrum Policy

6G is taking advantage of frequencies used by other radio transmissions than we use currently.   How do the carriers plan to manage their existing spectrum? Will the use of 6G create new alternative providers and will the courts have to decide between the existing services and the promise that 6G represents?

9:30am
Small Cells: Why Smaller Means Faster!

As speed becomes more and more important for media and high-speed transmissions the use of shorter-range solutions, enable more connectivity to be offered. This translates into the use of small cells. Another reason small cells are becoming the norm is to aid in keeping lines of sight connectivity. The bottom line then is that small cells are going to see a greater role. How will architectures change as a result of small cell usage?

10:00am
Orchestration Getting to the Single Pane of Glass

The history of the IoT is filled with specific use cases and purpose built applications. In addition, optimizing networks for specific areas often means the use of several service providers. This means that managing devices often uses several systems. What can the enterprise use to bring all the information into a common control solution?

10:30am
Who Benefits from Network Slicing?

Is the ability to segment spectrum for specific services a boom to enterprises enabling self-management? Do service providers have a new revenue opportunity by partitioning the network for their larger clients?   What applications and business cases make network slicing an opportunity and / or a requirement?

11:00am
Setting the Stage for 6G

Today, most of 6G capabilities are in the lab. And, much of the packet core infrastructure needs to remodel for 6G implementation. How are systems being redesigned to take advantage of next generation cellular technology?
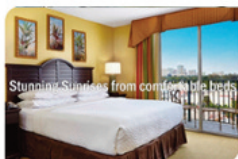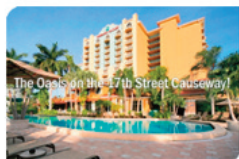
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VIEW ALL PLANS

Walking Distance to the Convention Center

Embassy suites by Hilton
Discounted Rate: **$139.00**

Cut-off date May 20, 2022

❯ Includes: WiFi in Guest Room, Complimentary cooked-to-order full breakfast and evening reception featuring beer, wine, premium spirits and lights snacks every day of your stay, Discounted Parking
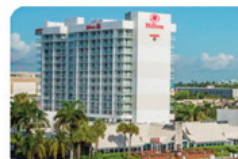
Hyatt Centric Las Olas, Fort Lauderdale
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Discounted Rate: $249.00 + $10.00 fee.

❯ Includes WiFi in guest room and public areas, 2 Centric Welcome Drinks, Tesla car Service 2 mile radius drop off, Bike Rental, 2 Beach Chairs & umbrella to take to the beach, Discount at NSU Art Museum Store, Discount on Water Taxi Sightseeing tour

Walking Distance to the Convention Center

Hilton Marina Hotel
1881 SE 17th Street, Fort Lauderdale, FL 33316

Discounted Rate: $159.00

Deadline: May 20, 202222

❯ Rooms are on a first-come, first-served basis so don't delay book today

❯ Includes WiFi in guest room

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525 S Fort Lauderdale Beach Blvd., Fort Lauderdale, FL 33316

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Deadline: May 6, 2022

❯ Includes: WiFi for 2 devices, 2 hour bicycle rental for 2 adults, 2 beach chairs, sunrise yoga classes, daily signature drink (up to 2), 2 bottled waters daily. Discounted parking

Walking Distance to the Convention Center

Renaissance Fort Lauderdale
1617 Southeast 17th Street Fort Lauderdale, Florida 33316

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Discounted Rate: **$159.00**

Cut-off date: May 20, 2022

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