

SESSIONS

DAY 1 - 01/12/2020

Smart Cities Summit Virtual Conference & Expo

Virtual Event

December 1 - 3, 2020

10 am - 5 pm ET | 7 am - 2 pm PT

Chairperson's Opening Remarks

10:00am - 10:10am

Shared Industrial, Smart Cities, and Security Keynotes

Location: Capitol Center-South

Challenging the status quo in times of adversity: Key updates for the industry

10:15am - 10:35am

Shared Industrial, Smart Cities, and Security Keynotes

Harnessing technology to manage pandemic response in the city

10:40am - 11:00am

Shared Industrial, Smart Cities, and Security Keynotes

Data: The common thread between smart cities, IIoT, and cybersecurity

11:05am - 11:25am

Shared Industrial, Smart Cities, and Security Keynotes

- Why is Data the common thread between these three disciplines/initiatives?
 - Smart Cities = Smart Services and how can you deliver these services w/o data?
- IIoT is all predicated on data to deliver industrial/enhanced personal services is an easily consumed manner
 - interesting in that specifically with IIoT, a big reason why we're seeing the convergence of OT and IT is because of data
- Cybersecurity has always been about data . . .
 - this is why solutions like SIEMs and ML/AI in cybersecurity are so hot
 - the lowest common denominator is data
- Smart Cities
 - data management is critical
 - what data are IoT devices collecting as part of your org's Smart City initiative?
 - are you prepared to talk data privacy?
- IIoT
 - what is your objective for IIoT? Operational maturity? Advanced analytical usage such as lifecycle cost analysis or forecasting models, or all the above?
 - These services, regardless of objective, all require data. What is different is the type and variety of data needed based on use case
- Cybersecurity
 - IoT is the new frontier, the UNKNOWN frontier
 - most organizations don't have their arms around IoT assets and the data that they either generate and/or collect
 - if this is the case, how can a company measure cyber risk if they can't even tell what is present?
 - IoT is contextual as well - a camera pointing at a wall may not be a big deal but the same camera pointing at the entrance of a research facility is another one completely
 - data is what cybersecurity lives and dies by
 - EVERYTHING that cybersecurity values is fundamentally driven by data
 - threat feeds/intelligence
 - automation and orchestration
 - getting rid of white noise to get to patient zero
 - while use cases for data might be different, an organization's ability to get its arm around data is critical to its success
 - IoT, if it is not the largest source of data within an organization, will be in the future most likely
 - where to start
 - pick a data management framework
 - align your org's strategic goals and objectives to that of a mature data management program
 - take bite sized chunks as resource and timing allow, trying to take advantage of management approved initiatives to kill 2 birds . . .

Participants

Speaker: Lester Godsey - Chief Information Security Officer (CISO), Maricopa County, Arizona

Speaker Q&A Room

11:30am - 12:00pm

Shared Industrial, Smart Cities, and Security Keynotes

Take control of your virtual experience by actively participating in our dedicated speaker Q&A rooms. It has never been easier to get to the bottom of your most pressing questions, so seize the opportunity to directly engage with trailblazers and watch the discussion evolve in front of you.

Scheduled at selected breaks throughout the three days, take a look at the agenda now to plan your event in advance and ensure you don't miss out.

Alleviating challenges and threats to IoT security in the sudden shift to a more digital world

12:05pm - 12:25pm

Shared Industrial, Smart Cities, and Security Keynotes

With the impact of COVID-19, how will this impact your business? As remote working has become the new normal, there are several challenges and risks with networks and the ability for hackers to easily access people's information. This session will cover:

- Learning how to secure your device, networks and applications with IoT
- Keeping your valuable data secure
- Prepare not only to react proactively to potential hacks, but how to recover resiliently in the case that this does happen

Panel Discussion - Action investment in IoT to thrive in the new normal and propel digital transformation

12:30pm - 1:00pm

Shared Industrial, Smart Cities, and Security Keynotes

As we adapt to the sudden changes, what are some ways your organization can achieve true ROI? Join this panel discussion to tackle:

- Overcoming IT/OT integration challenges with your organization and enhancing project leadership and workforce skills
- How the 'new normal' in the workplace has heightened security challenges and increased the need for more robust security solutions and protocols
- How can you successfully win buy-in for IoT investments when the value is obvious?

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Speaker Q&A Room

1:05pm - 1:40pm

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Speed Networking Session

1:40pm - 2:25pm

Worried that you won't create impromptu connections at a virtual conference? Join one of our 45-minute speed networking sessions as part of the shared headliners across all three events: Industrial, Smart Cities and IoT Security.

Impress our judges and be in with a chance of winning! You will be broken up into intimate virtual groups via our random selection tool where you will work together to build a proposition which can tackle a hypothetical challenge.

Attendance is limited so register now to claim your spot.

Finding new flexibility within existing Smart City technologies

2:25pm - 2:45pm

Smart Cities Summit Keynotes

2020 has been a year of "making do". It has required governments, vendors, and residents to discover new ways of utilizing existing infrastructures in order to ensure the safety and functionality of our cities. This presentation will share through the lens of waste management how existing smart city technologies have:

- Revamped the way the system determines what should be collected and when
- Retooled collection schedules that reflect 'the new normal' within city boundaries (increased load in residential areas, decreased load in business districts)
- Lessened the need for person-to-person exposure and allowed employees to keep working, safely

Developing and promoting partnership between public and private sectors

2:50pm - 3:10pm

Smart Cities Summit Keynotes

Cities are microcosms of partnerships between government and residents, government and business, and business and residents. Those partnerships don't happen easily nor over night. In this presentation, Theo will discuss:

- What it takes to build support for and take-up of innovative technology
- Utilizing data-led approaches to service delivery and public engagement
- Enabling and supporting the development of new public service-oriented technology and innovation

Participants

Speaker: Theo Blackwell - Chief Digital Officer for London, Mayor of London

AI as part of the Smart City management solution

3:15pm - 3:35pm

Smart Cities Summit Keynotes

Artificial Intelligence is a critical component of any smart infrastructure, especially when talking about cities. There are numerous ways AI is currently utilized in smart cities management solutions and as the world has changed rapidly over the course of 2020, AI has become increasingly important in:

- Contact tracing, health of citizens (telehealth, sensors in homes, temperature sensors on buses etc)
- Ability to manage data from the edge and alert people to the need for human interaction of infrastructure systems

Speaker Q&A Room

3:40pm - 4:10pm

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Panel: Automating the right things rather than every thing

4:15pm - 4:45pm

Smart Cities Summit Keynotes

Automating a city is incredibly challenging. What should be automated? In what order? Who determines this and how? Cookie cutter solutions are rarely successful so how can one city learn from another's experience? Our panel of experts will share their experience and provide suggestions on how and where to start determining what is right for your city by discussing the following points:

- How does each city determine and rank its unique requirements and inefficiencies that need to be met to continue to improve how it functions and the quality of life within its borders?
- Why is understanding the right technologies for a city is dependent on the city having a concrete plan of long term goals to achieve?
- The right tech for each city will create opportunity for reliable and resilient infrastructure, economy, community, and sustainable lifestyles – how do you determine what is right for your city?

Participants

Moderator: Michael Lake - President & CEO, Leading Cities

Panelist: Kenn Kern - Assistant District Attorney, New York County

Speaker Q&A Room

4:50pm - 5:20pm

Smart Cities Summit Keynotes

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Networking Happy Hour

5:20pm - 6:20pm

Location: Expo Hall

Without leaving the comfort of your home (or office!), join us on December 1st at 5pm ET for informal IoT trivia hosted by an industry expert and unwind with fellow professionals after a long day of absorbing content.

This is your last chance to meet with attendees from all three events, so make the most of it! Discuss your favourite sessions and wrap up your experience by creating meaningful connections.

Take part in our poll to decide what questions you want to see covered on Swapcard a week before the event goes live.

SCHEDULE

DAY 1 - 01/12/2020

Smart Cities Summit Virtual Conference & Expo

Virtual Event

December 1 - 3, 2020

10 am - 5 pm ET | 7 am - 2 pm PT

TIME	SHARED INDUSTRIAL, SMART CITIES, AND SECURITY KEYNOTES	SMART CITIES SUMMIT KEYNOTES
10:00AM	10:00am - Chairperson's Opening Remarks 10:15am - Challenging the status quo in times of adversity: Key updates for the industry 10:40am - Harnessing technology to manage pandemic response in the city	
11:00AM	11:05am - Data: The common thread between smart cities, I/ IoT, and cybersecurity 11:30am - Speaker Q&A Room	
12:00PM	12:05pm - Alleviating challenges and threats to IoT security in the sudden shift to a more digital world 12:30pm - Panel Discussion - Action investment in IoT to thrive in the new normal and propel digital transformation	
1:00PM	1:05pm - Speaker Q&A Room 1:40pm - Speed Networking Session	1:40pm - Speed Networking Session
2:00PM		2:25pm - Finding new flexibility within existing Smart City technologies 2:50pm - Developing and promoting partnership between public and private sectors
3:00PM		3:15pm - AI as part of the Smart City management solution 3:40pm - Speaker Q&A Room
4:00PM		4:15pm - Panel: Automating the right things rather than every thing 4:50pm - Speaker Q&A Room
5:00PM	5:20pm - Networking Happy Hour	5:20pm - Networking Happy Hour

SESSIONS

DAY 2 - 02/12/2020

Smart Cities Summit Virtual Conference & Expo

Virtual Event

December 1 - 3, 2020

10 am - 5 pm ET | 7 am - 2 pm PT

Chairperson's Opening Remarks

10:00am - 10:10am

Smart Cities Summit Keynotes

PPPs: Residents and Essential Employees as Partners in COVID-19 Response

10:15am - 10:45am

Smart Cities Summit Keynotes

This case study will outline the path the Office of Mobility Innovation took to create alternative mobility solutions for essential workers in the City of Detroit in response to the COVID-19 shutdown. Their presentation will look at the circumstances, their plan of action, data collection, partnership development, and roll-out of the solution. This will provide context to help you utilize their techniques within your own city for any type of solution - not just mobility:

- Developing a campaign to communicate and understand resident and essential employee transportation needs
- Public sector utilizing collected data to respond and provide support
- Leveraging relationships with the private sector to meet resident and essential employee needs

Participants

Speaker: Hind Ourahou - Senior Mobility Strategist, Office of Mobility Innovation, City of Detroit

Speaker: Stacey Matlen - Senior Mobility Strategist, Office of Mobility Innovation, City of Detroit

Panel: Taking a step back in order to see the bigger picture for the future more clearly

10:50am - 11:40am

Smart Cities Summit Keynotes

Over the last several years, smartening up cities has become big business with a lot of positive outcomes and unanticipated revelations. This panel of experts includes a smart device designer, city leadership advisor, and a metro chief innovation officer who will use their perspectives and experience to discuss what has occurred to date and how it will impact the future planning and action around smart cities.

- What is already in place and how has it functioned?
- Without the broader view of implemented technologies, it is difficult to determine what is needed and where to invest time, energy, and funds
- How to formulate a solid, flexible, graduated plan for the future of your smart city

Participants

Panelist: Mariel Devesa - Global Head of Business Development, Phyn

Panelist: Brooks Rainwater - Sr Executive Director, Center for City Solutions, National League of Cities

Panelist: Joshua Schank - Chief Innovation Officer, LA County Metro

Speaker Q&A Room

11:45am - 12:15pm

Smart Cities Summit Keynotes

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Smart Cities Speed Networking Session

12:20pm - 12:50pm

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Keeping city workforces and departments up and running in any crisis

12:55pm - 1:15pm

Smart Cities Summit Keynotes

The COVID-19 pandemic and shutdown have certainly tested cities and their abilities to function during an uncertain time and a lot of creative problem solving has come out of that. But a pandemic is only the latest threat to maintaining city functions during times of crisis. City Manager Bill Bruton will share the plans he had already been in the process of implementing for the City of Marietta when the shutdown occurred, what inspired them, how successful they have been to date, and what they have learned as a result.

- How can a city create the flexible solutions required for potential long-term crises?
- Creating an on-line version of city departments that doesn't require direct human interaction in order to function ex: permitting processes
- Dividing and separating departmental workforce groups to provide continuity and backup at all times, even if there is infection

Participants

Speaker: Bill Bruton - City Manager, City of Marietta

Prevention and Partnerships: The Manhattan D.A. Office's Cybersecurity Model

1:20pm - 1:40pm

Smart Cities Summit Keynotes

Smart Cities are much more than automated traffic flow, smart utility meters, and intelligent street lighting systems - they are also easy targets for cyber attack. With each new smart project, comes increased risk and opportunity for cyber attacks to occur. This presentation will outline what Cyrus Vance has done in the County of New York to:

- Increase communication across sectors about cyber risks
- Lay the foundations to facilitate coordination and a formal mechanism in the event of a cyber-attack on any piece of the city's critical infrastructure

Participants

Speaker: Cyrus Vance - District Attorney, New York County

The Smart City as an Organizational Strategy

1:45pm - 2:05pm

Smart Cities Summit Keynotes

City government organization can be complex and difficult to steer through projects, especially when different departments are collaborating. This presentation will break down the how and why it is critical to utilize strategy when organizing departments and the collaboration between them in order to keep smart cities projects on track.

- What does a government organization look like through a Smart City lens?
- How do we create and maintain a sense of urgency to overcome inertia, especially in times of difficulty?
- Strategies to break down silos and embark on digital transformation projects for municipal functions, such as permitting, licensing, etc

Participants

Speaker: Tony Batalla - CTO & Head of IT, City of San Leandro

Speaker Q&A Room

2:10pm - 2:40pm

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Panel: Cities as Living Labs – experimenting in real-time

2:45pm - 3:15pm

Smart Cities Summit Keynotes

2020 has demonstrated that it is essential for cities to pivot quickly in response to serious, unforeseen events. Smarter cities have a better likelihood for doing this successfully - how can cities that haven't implemented smart technologies catch up as quickly as possible? Also, how can already smart cities continue to adapt to whatever curveball is thrown next?

- Partnership in the form of cities as 'living labs' can be a cost-effective way for smart solutions to be implemented quickly in cities that in turn create the data a solution provider needs to improve the products
- This can be the most effective way to create flexible cities that can thrive no matter the conditions are to put in place technologies that evolve as we do.
- Rather than 'perfecting' tech in controlled settings, install it directly into functioning cities where life will teach it how to make a city better and more resilient

Participants

Moderator: Shawn McCarthy - Research Director, Government Insights, IDC

Panelist: Marta Soncodi - Director, IoT Technology & Technical Architect, Telecommunications Industry Association (TIA)

Panelist: Emily Yates - Smart Cities Director, City of Philadelphia

Speaker Q&A Room

3:20pm - 3:50pm

Smart Cities Summit Keynotes

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11:00AM	11:45am - Speaker Q&A Room
12:00PM	12:20pm - Smart Cities Speed Networking Session 12:55pm - Keeping city workforces and departments up and running in any crisis
1:00PM	1:20pm - Prevention and Partnerships: The Manhattan D.A. Office's Cybersecurity Model 1:45pm - The Smart City as an Organizational Strategy
2:00PM	2:10pm - Speaker Q&A Room 2:45pm - Panel: Cities as Living Labs – experimenting in real-time
3:00PM	3:20pm - Speaker Q&A Room

SESSIONS

DAY 3 - 03/12/2020

Smart Cities Summit Virtual Conference & Expo

Virtual Event

December 1 - 3, 2020

10 am - 5 pm ET | 7 am - 2 pm PT

Using Analytics to Drive Mobility and Community Outcomes

10:00am - 10:20am
Smart Cities Track Sessions

It isn't enough to simply recognize a problem and plan to 'fix' it. In a smart city, it is critical to do the legwork in order to understand exactly what to solve for, how to rank problems, what information is required for decision-making, and how these projects will reflect the mandate to the community. This presentation will address such aspects as:

- Prioritizing the right projects to achieve multiple outcomes
- Metrics, indicators, and data that show areas with high benefits potential
- Community analytics for outcomes realization

Participants

Speaker: Mike Trimble - Director Corridor Programmes, City of Austin

San Francisco's move towards integrated traffic flow management: The Good, The Bad, The Ugly

10:25am - 10:45am
Smart Cities Track Sessions

In a large city like San Francisco, solving complex issues can become tangled problem in itself. Luckily, the smart cities marketplace has a lot of solutions and providers ready to help... which can also be a problem. In this case study, Paul Hoekstra will detail the path he took to solve a question around public transportation with an eye to laying the foundation for solving further issues in the future.

- A broad technology survey concluded a lot of companies sell platforms and valuable data, but very few provide solutions and actionable data
- San Francisco embarked on a journey laying the foundation to optimize all traffic modes (Public Transit First!)
- In a public / private partnership, a new traffic flow management paradigm was designed and tested

Participants

Speaker: Paul Hoekstra - Smart Technology and Networked Infrastructure, San Francisco Municipal Transportation Agency

Public / private partnership to save local economies

10:50am - 11:20am
Smart Cities Track Sessions

How can cities work with private enterprise/ companies to help automate functions and locations wherever possible and aid residents to participate safely in the maintenance of their local economy?

- Encouraging the installation of flexible tech for safer work spaces
- Partnering with solution providers to ensure access to robust community wifi and help students E-Learn, employees work from home
- Revitalizing public economic areas such as retail areas, restaurants, etc. by creating open-air, car-free zones where business can be conducted outside more easily
- Utilizing smart tech that can communicate information reliably and ensure the public is educated as well as possible about what is happening in their city, how to function within it, and what they can do to participate in the overall wellbeing of the community

Participants

Panelist: Rachel Haot - Executive Director, Transit Innovation Partnership

Speaker Q&A Room

11:25am - 12:00pm
Smart Cities Track Sessions

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Working Groups: Addressing Challenges, Coming up with Tangible Solutions

12:05pm - 2:05pm
Working Groups

Looking for something more exciting than a presentation? On December 3rd, join our workshops tailored to each event with dedicated themes and discussion rooms for each. This is your chance to connect with likeminded industry professionals and come up with tangible solutions for your greatest challenges. Moderated by an industry expert, this is the place to transform your experience and take advantage of your event.

Take a look at the agendas for more information on what will be covered and understand how you can get involved.

Sign up now so you don't miss out on the opportunity to join meaningful, insight-led conversations.

SCHEDULE

DAY 3 - 03/12/2020

Smart Cities Summit Virtual Conference & Expo

Virtual Event
December 1 - 3, 2020
10 am - 5 pm ET | 7 am - 2 pm PT

TIME	SMART CITIES TRACK SESSIONS	WORKING GROUPS
10:00AM	<p>10:00am - Using Analytics to Drive Mobility and Community Outcomes</p> <p>10:25am - San Francisco's move towards integrated traffic flow management: The Good, The Bad, The Ugly</p> <p>10:50am - Public / private partnership to save local economies</p>	
11:00AM	<p>11:25am - Speaker Q&A Room</p>	
12:00PM		<p>12:05pm - Working Groups: Addressing Challenges, Coming up with Tangible Solutions</p>