SMART CITIES 2018 CONFERENCE

August 13-14, 2018
Hyatt Regency Columbus
Columbus, OH

PRE-CONFERENCE WORKSHOP
The Role of Utilities in the Smart City Evolution – Enable the Smart Cities of the Future
MONDAY, AUGUST 13, 2018

EUCI is authorized by IACET to offer 1.2 CEUs for the conference, 0.3 CEUs for the workshop
OVERVIEW

By 2030, it is estimated that 66% of the world population will live in urban areas, this represents a massive challenge in how we build and manage cities but also provides a significant opportunity to improve the lives of billions of people. During the Smart Cities 2018 event, organizations and governments will learn how data analytics, new technologies and cyber and physical security systems will improve such things as city transportation, parking, water and waste management, energy usage and a variety of other infrastructure issues that result in the operation of cities and the overall lifestyle of urban citizens.

The Smart Cities 2018 Conference will specifically look at:

- The collaboration of government and utilities
- How smarter healthcare can help create smarter cities
- Gathering, aggregating and analyzing data
- Developing connected intersections and smarter transit
- Improving public safety through emergency telehealth and navigation
- Growth in connected vehicle capabilities
- Greater real-time citizen interaction
- Linking autonomous vehicles with government sensors and networks
- Securing smart cities

This interactive and engaging conference will bring you the opportunity to hear best practices, lessons learned and ideas that are being implemented globally when it comes to creating a smart city infrastructure that not only can be implemented today but can be sustainable for the future.

As Smart Cities affect every citizen and business, the Smart Cities 2018 Conference will be taking a holistic look into how Smart City development and planning affect the entire ecosystem. Therefore, we encourage that individuals throughout the Smart City ecosystem join us in sharing their stories and learning how what they do affects your entire community. We believe that by bringing together this diverse group of stakeholders will bring the “wave of the future” to you and your city. Attendance will be comprised of:

- Government Policy Makers & Managers
- Mayors and Municipal Leaders
- Urban Planning Professionals
- Telecommunication Companies
- Electric, Water and Gas Utilities
- Education Leaders (K—12 and Higher Education)
- Healthcare and Hospital Executives
- Social Services Professionals
- Developers and Construction Companies
- Electric Vehicle and Transportation Companies
- Financial and Investment Professionals
- Smart Grid Executives
- Communication Technology Providers
- Big Data & Analytics Companies
- IT and Technology Companies
- The collaboration of government and utilities
- How smarter healthcare can help create smarter cities
- Gathering, aggregating and analyzing data
- Developing connected intersections and smarter transit
- Improving public safety through emergency telehealth and navigation
- Growth in connected vehicle capabilities
- Greater real-time citizen interaction
- Linking autonomous vehicles with government sensors and networks
- Securing smart cities

SPONSORSHIP OPPORTUNITIES

Do you want to drive new business through this event’s powerful audience? Becoming a sponsor or exhibitor is an excellent opportunity to raise your profile before a manageably sized group of executives who make the key purchasing decisions for their businesses. There is a wide range of sponsorship opportunities available that can be customized to fit your budget and marketing objectives, including: Platinum, gold, or VIP sponsor, Reception host, Networking break host, Tabletop exhibit, Workshop sponsor, Lanyard sponsor, Luncheon host and Breakfast host.

If you’d like to sponsor the Smart Cities 2018 Conference, please contact Amanda Jorgensen at ajorgensen@euci.com or 561-372-4033 for more information.
LEARNING OUTCOMES

- Examine Smart City Trends in the United States and Across the World
- Improve Collaboration between Government, Communities, Utilities and Businesses to accelerate the deployment of smart city services
- Determine how government and healthcare can work together to create a healthy smart city
- Leverage data collection and analysis technologies to transmit real-time information about traffic and parking conditions
- Utilize wireless technology among and between vehicles and infrastructure to improve safety, efficiency and usability
- Identify ways to reduce environmental issues and pollution through smart technology
- Discuss the ways a smart city can also be sustainable
- Understand how data can assist in building zoning and amenity creation
- Determine how to use analytics to minimize the risk of overloading important elements of a city’s infrastructure
- Leverage utility assets (such as data and ICT resources) to enable non-energy initiatives
- Examine the role utilities and telecommunications companies play in creating a resilient city
- Determine how cities can prepare for, prevent or most effectively respond to natural and man-made disasters
- Discuss the latest trends in smart cities as it relates to IoT
- Create scalable business models for cybersecurity in smart cities
- Examine what citizens want from their smart city and how to deliver
- Identify best practices for buildings to communicate with vehicles
- Optimize Opportunities with Energy, Water and Waste Management through Smart Cities
- Create effective action plans for decarbonization

WHO SHOULD ATTEND

From Cities, Counties, State, Country Governments
- Chief Information Officers
- Chief Technology Officers
- Chief Planning Officers
- Chief Innovation Officers
- Chief Sustainability Officers
- Government Leaders (Mayors, Governors, City Officials, Council Presidents)
- VPs / Directors & Heads of:
  - Planning
  - Economic Development
  - Partnership Development
  - Smart Technology
  - Technology
  - IT
  - Area Development
  - Engineering
  - Smart Cities
  - Sustainability

From Utilities (Electric, Water, Gas):
- VPs/Directors & Heads of:
  - Smart Grids
  - Smart Metering
  - Smart Street Lighting
  - Energy Acquisition, Engineering & Planning
  - Grid Reliability
  - Information Technology
  - Reliability & Resiliency
  - Renewable Energy
  - Generation Systems
  - Data & Analytics / Big Data
  - Sustainability
  - IoT

From Communication Providers:
- VPs / Directors & Heads of:
  - Strategy
  - Partnerships
  - Data & Analytics
  - Business Intelligence
  - Partnerships
  - Marketing
  - Corporate Development
  - IoT

From Enterprise Organizations – SUCH AS: Hospitals & Health Services, Education (K12 and Higher Ed), Waste Management, Transportation, Public Admin
- VPs/Directors & Heads of:
  - Technology
  - Cloud Computing
  - IoT
  - Data & Analytics Engineering
  - Planning
  - Innovation
  - Smart City Development
  - Site Selection
  - Engineering
  - IT
  - Big Data

From Service & Solutions Providers
- VPs/Directors & Heads of:
  - Marketing
  - Business Development
  - Planning
  - Innovation
  - Smart City Development
  - Engineering
  - Consulting
  - Strategy
AGENDA

MONDAY, AUGUST 13, 2018

12:00 – 12:30pm  Registration

12:30 – 12:45 pm  Chairperson’s Opening Remarks

12:45 – 1:30 pm  Defining Smart Cities in 2018 & Beyond: An Examination of Smart City Trends

A Smart City means so many things to different people and have different ideas as to what must be considered to build a smart city. In this interactive discussion, we will take a look at:

- Various definitions of a Smart City
- What equitable innovation means to transform into a smart city
- How Electric Vehicle (EV) infrastructure expansion affects urban areas
- How 5G technology will better support sensors and communication among many IoT devices
- Determining effective cybersecurity plans
- Will integrating blockchain be an influence in the future?
- The role utilities will take in smart city leadership and development
- Microtransit programs – will this be the solution?
- And more…

Michael Ferguson | Director – Energy Infrastructure | S&P Global

1:30-2:00 pm  Smart Cities: A Collaboration Between Government, Communities, Utilities and Business

The macro themes that shape cities around the world are changing. To address challenges from changing climate to increasing congestion, cities are searching for ways to become more efficient, connected and responsive to constituent needs. With all the attention being given to smart cities and IoT, how can we increase meaningful collaboration amongst relevant stakeholders to accelerate the deployment of smart city services that bring real value to people?

Jordan Davis | Director | Smart Columbus

2:00-2:45 pm  6 Cities Challenge – USA/UK/Europe Creating Next Generation of Public Services

Amnick Social Enterprise is developing a large scale collaborative program to develop the next generation of public services using Smart Cities as a vehicle for social change. By engaging cities from the United States, United Kingdom and Europe, Amnick Social Enterprise is facilitating an innovative approach to developing better services, leading to better outcomes at lower costs. These include Municipal authorities, Universities, Business Schools, Research Centres etc.

This session will delve into how by working together, we can share best practices, technology, data, ideas, processes etc, and fast track our progress, and reduce risk and time in re-inventing the wheel.

John David | CEO | Amnick Social Enterprise

2:45-3:30 pm  Effectively Using Data & Analytics to Generate Growth and Welfare in Your Future City

- Your data, your services, your city – understanding key aspects of a “new deal on data” and why data ethics matter
- The evolution of urban services
- Creating a broader framework for value capture and delivering innovation at scale
- Developing a plan for data-driven innovation in your city

Bob Bennett | Chief Innovation Officer | City Kansas City, MO
Bret Beringer | Chief Engineering Officer | Fybr

3:30-3:45 pm  Networking Break
AGENDA

MONDAY, AUGUST 13, 2018 (CONTINUED)

3:45-4:15 pm  Smarter Cities and Smarter Healthcare is Changing Our World
Digital technologies are not only creating new health products, but smart is facilitating a change in how we manage our health; supporting a shift from a focus on cure towards wellness management and healthy living. Intelligent systems are improving how we interact with the urban environment – from monitoring pollution, pollen counts and more. In this session we will:
• Examine how demographic changes force us to focus on preventing health problems
• Understand how eHealth solutions can provide your citizens opportunities to make better care choices
• Engage children and young people to focus on health and well-being
• Evaluate available cultural tools to address city challenges
• Determine how government and healthcare can work together to create a healthy smart city

Ted Lehr | IT Data Architect, Business Application Services | City of Austin

4:15-4:45 pm  Building a Smart Transportation Infrastructure
Modernizing our mass transportation systems is one of the primary obstacles urban planners face. Congestion and mobility are almost universal issues for cities to address. In this session we will examine topics such as:
• Leveraging data collection and analysis technologies to transmit real-time information about traffic and parking conditions
• Understanding transit options to minimize traffic issues associated with major events or incidents
• Building “smart corridors” like bus rapid transit routes
• Utilizing wireless technology among and between vehicles and infrastructure to improve safety, efficiency and usability

George Korakakis | Verizon Smart Communities, Business Development | Verizon

4:45-5:15pm  Equitable Planning for City Services in the Era of Smart Technologies
As cities become “smarter”, how are we looking at creating the right choices for the right communities in our cities? In this session, we will hear how the city of New Orleans is addressing this issue through such innovative projects and ideas like:
• Flooding – Utilizing sensor inputs and websites to report flooding
• 311 data and information – understanding the demographics of your neighborhoods and communities and examining their access and usage of internet, data and digital channels
• Designing action plans for different communities and demographics to get involved in passing on pertinent information to city departments
• And more.

Whitney Soenksen | Data Innovation Manager | City of New Orleans

5:15-5:45 pm  The Smart Columbus Story – A General Overview of the Smart Columbus Program to Date and Our Vision for the Future
As the winner of the U.S. Department of Transportation’s (USDOT) first-ever Smart City Challenge, Columbus was awarded $50 million in grant funding and the designation as America's Smart City. We’re “becoming smart” by embracing the reinvention of transportation to accelerate human progress. And with it, taking on the coveted job of teaching cities as they evolve similarly around the world.
Join Brandi Braun, Deputy Innovation Officer for the City of Columbus and leader of the Smart Columbus initiative, to learn how Smart Columbus is leading our city to a future for all Columbus residents.

Brandi Braun | Deputy Innovation Officer | City of Columbus

5:45-5:50 pm  Chairperson’s Day One Closing Remarks

5:50 pm  Main Conference Day One Adjourns
# AGENDA

**TUESDAY, AUGUST 14, 2018**

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<td>7:30-8:00 am</td>
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| 8:15-9:00 am | Utilizing Economic Data & Analytics for Smart City Planning | • Understand how data can assist in zoning and planning  
• Determine impact of planned and unplanned events  
• Quantify and understand return on investment  
BJ Mahal | Vice President, Smart Cities, Urban Innovation | Mastercard |
| 9:00-9:45 am | Improving Real-Time Mobility Information for Efficient Commuting | As autonomous vehicles develop, and shared models continue to grow in significance, transport planners are challenged to keep up that momentum. They face greater integration of service, information and payment methods, while citizens look for the fastest and cheapest manners of getting place to place. In this session, we will look at:  
• How can public transit organizations seize opportunities provided by new models?  
• How can mobility experiences be improved?  
• Is it possible to foster innovation and entrepreneurship for greater efficiency?  
• Who takes the lead?  
Jameson Auten | VP, Regional Service Delivery & Innovations | Kansas City Area Transportation Authority |
| 9:45-10:30 am | Planning for Disruption – Creating an Effective Resiliency Plan | Determining what the infrastructure demands and which stakeholders need to be engaged in order for your city to stay resilient as we move into the future is a difficult one. In this session, we will:  
• Determine how cities can prepare for, prevent or most effectively respond to natural and man-made disasters  
• Understand how local, national and international agencies can better coordinate to improve resilience and security  
• Examine the role utilities and telecommunications companies play in creating a resilient city  
Mark Woulf | Assistant City Manager | City of Englewood, CO |
| 10:30-10:50 am | Networking Break | |
| 10:50-11:35 am | Ohio’s Smart Transport Initiatives | DriveOhio is a single point of connection for the smart mobility industries (automotive, technology and data) to work with researchers and government officials on the next generation of advanced transportation technologies. It would accomplish this by acting as one-stop-shop for anyone looking to test or build smart mobility technologies in Ohio and will prepare the state for the next generation of transportation infrastructure. The deployment of this technology could save hundreds of lives and prevent thousands of serious injuries on our roadways.  
James A. Barna | Assistant Director and Chief Engineer | Ohio Department of Transportation |
### Why Citizens Should be the Digital Heartbeat of Every Smart City

The proliferation and faster adoption of digital technology over the past decade has conditioned consumers to think and behave differently. While most citizens are avid consumers of digital technology, the appeal of the latest innovation for them is changing. It’s no longer just about the latest gadgets, but rather their potential to improve how they experience their digital and physical worlds. In this interactive discussion-based session, we will:

- Examine what citizens want from their smart city and how to deliver
- Identify apps that can assist in smart city development
- Understand sectors that can experience growth with immediate experiences
- Determine if citizens can negatively impact areas within their city
- Drive greater real-time citizen interaction
- Increase focus on human-centric technologies
- And more

*Mark de la Vergne | Chief of Mobility Innovation | City of Detroit*
*Whitney Soenksen | Data Innovation Manager | City of New Orleans*

### Community of the Future – ComEd’s Approach to Smart City Collaboration

The macro themes that shape Cities around the world are changing. To address challenges from changing climate to increasing congestion, cities are searching for ways to become more efficient, more connected, and more responsive to constituent needs. With all of the attention being given to smart cities and IoT, how can we increase meaningful collaboration amongst relevant stakeholders to accelerate the deployment of smart city services that bring real value to our customers?

*Sandor Williams | Manager Smart Grid & Innovation | ComEd*

### Lessons Learned from Smart Cities Around the World

From Singapore to San Diego, each city has their own unique perspective when it comes to smart cities. What are some of the best practices in cities around the world and what are the lessons learned that can be universally applied?

*Chelsea Collier | Founder | Digi.City*

### Can Smart = Sustainable? Understanding the Difference Between a Smart City and a Sustainable City

A sustainable city is typically defined as a city designed with consideration for social, economic, environmental impact making a resilient habitat for existing populations without compromising the ability of future generations to experience the same all while creating the smallest ecological footprint possible. A smart city is an urban area that uses different types of electronic data collection sensors to supply information which is used to manage assets and resources efficiently. In this interactive session, we will discuss the ways a smart city can also be sustainable.

*Michael Ferguson | Director – Energy Infrastructure | S&P Global*
TUESDAY, AUGUST 14, 2018 (CONTINUED)

3:30-4:15 pm  City Engineering: Building a Sustainable Smart City Environment
• Smart City Strategic Action Planning - Understanding your current urban environment in comparison to what you desire for the future
• Assessing your city’s social services needs
• Determining what you consider to be sustainable
• Identifying ways to address challenges and achieve sustainability goals through smart technology
• Maximizing on regional collaboration for better success
  Dennis Gakunga | Chief Sustainability Officer | City of Chula Vista

4:15-5:00 pm  Cyber Security – Building a Program on a Budget
What are the biggest cyber threat verticals? We will discuss thirteen simple tactics to develop a strong cyber security program with a limited budget
1. Executive visibility
2. Disaster Recovery
3. Monitoring
4. Vulnerability and Risk management
5. Patch management
6. Training
7. Insider threat
8. Data Access governance
9. Email protection
10. Endpoint Encryption
  Collin Boyce | Chief Information Officer | City of Lansing Michigan

5:00-5:15 pm  Chairperson’s Closing Remarks

5:15 pm  Main Conference Adjourns
PRE-CONFERENCE WORKSHOP

The Role of Utilities in the Smart City Evolution – Enable the Smart Cities of the Future

MONDAY, AUGUST 13, 2018

7:30 – 8:30 am  Workshop Registration & Continental Breakfast
8:30 – 11:30 am  Workshop Timing

OVERVIEW

Throughout the US, more than 74 million smart meters have been deployed through 2016 – a number rapidly rising. Smart meters are just the beginning of an evolving and more advanced electric grid that give customers flexibility to take control of their energy future. Despite this great potential, there are many potential pitfalls that could stifle the development competition to deploy innovative energy products for customers. This workshop will explore how utilities can create a platform that allows the most efficient integration of emerging technologies into the grid without stifling innovation and competition for the ultimate benefit of customers. In this interactive workshop we will look at a variety of answers to this question, such as:

• What is the utilities’ role in the emerging energy products of the future;
• How can batteries be most effectively utilized;
• Who should be deploying battery technology;
• How is customer sited electric generation reshaping the way we think about the electric grid;
• What is the role of demand side resources to creating a more resilient and efficient grid
• How can electric vehicles be used to create a more resilient grid;
• What “smart appliances” are on the horizon to help customers better manage their energy needs;
• How can the data from smart meters be most effectively used to help customers manage their energy consumption?
• And more…

WORKSHOP INSTRUCTOR

Matthew White
General Counsel, IGS Energy

Matt oversees IGS’ legislative regulatory and compliance activities throughout the country. Matt has experience with utility policy and competitive energy markets in over 20 jurisdictions throughout the country. Prior to working at IGS Energy Matt worked as an energy and utilities lawyers at the law firm Chester Willcox and Saxbe in Columbus Ohio. Matt graduated with JD and MBA degrees from the College of William & Mary and a BA degree from Ohio University.
INSTRUCTIONAL METHODS

The conference will include case studies, PowerPoint, and classroom exercises.

REQUIREMENTS FOR SUCCESSFUL COMPLETION

Participants must sign in/out each day and be in attendance for the entirety of the conference to be eligible for continuing education credit.

IACET CREDITS

EUCI has been accredited as an Authorized Provider by the International Association for Continuing Education and Training (IACET). In obtaining this accreditation, EUCI has demonstrated that it complies with the ANSI/IACET Standard which is recognized internationally as a standard of good practice. As a result of their Authorized Provider status, EUCI is authorized to offer IACET CEUs for its programs that qualify under the ANSI/IACET Standard.

EUCI is authorized by IACET to offer 1.2 CEUs for the conference, 0.3 CEUs for the workshop

EVENT LOCATION

A room block has been reserved at the Hyatt Regency Columbus, 350 N High St, Columbus, OH 43215, for the nights of August 12-13, 2018. Room rates are US $139 plus applicable tax. Call 1-614-463-1234 or click here for reservations and mention the EUCI event to get the group rate. The cutoff date to receive the group rate is July 12, 2018 but as there are a limited number of rooms available at this rate, the room block may close sooner. Please make your reservations.

REGISTER 3, SEND THE 4TH FREE

Any organization wishing to send multiple attendees to this conference may send 1 FREE for every 3 delegates registered. Please note that all registrations must be made at the same time to qualify.
**REGISTRATION INFO**

**Mail Directly To:**
EUCI  
4601 DTC Blvd., Ste. 800  
Denver, CO 80237  
OR, scan and email to: conferences@euci.com

**PLEASE SELECT**

- **BUNDLE PRICE: SMART CITIES 2018 CONFERENCE AND PRE-CONFERENCE WORKSHOP:** AUGUST 13-14, 2018: US $1795  
  Early bird on or before July 27, 2018: US $1595

- **SMART CITIES CONFERENCE ONLY**  
  AUGUST 13-14, 2018: US $1395  
  Early bird on or before July 27, 2018: US $1195

- **PRE-CONFERENCE WORKSHOP ONLY: THE ROLE OF UTILITIES IN THE SMART CITY EVOLUTION – ENABLE THE SMART CITIES OF THE FUTURE**  
  MONDAY, AUGUST 13, 2018: US $595  
  Early bird on or before July 27, 2018: US $495

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**ENERGIZE WEEKLY**

EUCI’s Energize Weekly e-mail newsletter compiles and reports on the latest news and trends in the energy industry. Newsletter recipients also receive a different, complimentary conference presentation every week on a relevant industry topic. The presentations are selected from a massive library of more than 1,000 current presentations that EUCI has gathered during its 30 years organizing conferences.

Sign me up for Energize Weekly

**CREDIT CARD INFORMATION**

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Company

**What name do you prefer on your name badge?**

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Substitutions & Cancellations

Your registration may be transferred to a member of your organization up to 24 hours in advance of the event. Cancellations must be received on or before July 13, 2018 in order to be refunded and will be subject to a US $195.00 processing fee per registrant. No refunds will be made after this date. Cancellations received after this date will create a credit of the tuition (less processing fee) good toward any other EUCI event. This credit will be good for six months from the cancellation date. In the event of non-attendance, all registration fees will be forfeited. In case of conference cancellation, EUCI’s liability is limited to refund of the event registration fee only. For more information regarding administrative policies, such as complaints and refunds, please contact our offices at 303-770-8800. EUCI reserves the right to alter this program without prior notice.