LEADING U.S. CITIES PARTNER ON GUIDELINES FOR SMART CITIES

More than twenty U.S. cities, led by the City of New York, commit to common principles for the responsible and equitable deployment of the Internet of Things.

September 26, 2016 | NEW YORK, NY –The White House today announced a new partnership of more than twenty U.S. cities, along with the newly formed Council of Global City Chief Information Officers, to ensure the responsible and equitable deployment of smart city technologies.

By 2020, it is estimated that the number of "smart" connected technologies, commonly known as the Internet of Things or IoT, will exceed 50 billion. When used effectively, IoT devices—like sensors that capture pollution in the air or lights that only turn on when someone is in the room—can produce cost savings, bolster civic engagement, and strengthen public health and safety. As cities move forward into the future, municipal leaders must also be cognizant of—and actively mitigate—the challenges and risks raised by these technologies, most notably in areas of public privacy and security.

In order to maximize the public benefit of these technologies while taking strong and proactive steps to protect residents, the following 21 U.S. cities—spanning a dozen states and together representing more than 25 million residents—have committed to a common set of guiding principles that emphasize privacy, security, sustainability, resilience, equity and efficiency in their use of IoT technologies:

- Atlanta, Georgia
- Austin, Texas
- Boston, Massachusetts
- Cambridge, Massachusetts
- Charlotte, North Carolina
- Chicago, Illinois
- Dallas, Texas
- Greenville, South Carolina
- Kansas City, Missouri
- Los Angeles, California
- New York, New York
- Palo Alto, California
- Philadelphia, Pennsylvania
- Pittsburgh, Pennsylvania
- Portland, Oregon
- San Antonio, Texas
- San Diego, California
- San Francisco, California
- Seattle, Washington
- Spokane, Washington
- Washington, District of Columbia

Led by the City of New York, the effort has three primary goals: (1) provide a common framework to help governments develop and expand policies and procedures related to the Internet of

Things; (2) ensure openness and transparency regarding the use of public space or assets for smart city technologies; and (3) advance the public dialogue about how government, the private sector and academia can collaborate to ensure these technologies are used in a way that maximizes public benefit.

"I am pleased to join the White House and 20 other U.S. cities in this effort to ensure that residents in urban cities experience full and equal access to all that IoT technologies has to offer," said **Atlanta Mayor Kasim Reed**. "I am also proud to acknowledge we've created the SmartATL office, and a smart city governance board whose focus is to ensure the City maximizes the potential that IoT technologies can bring to our communities."

"What makes these technologies smart isn't just their connectedness. It's how we're using them to connect communities equitably to new opportunities," said **Austin Mayor Steve Adler**. "The communities that usually get left behind are first in line for this Next Big Thing. I am determined that Austin, as a founding city of this smart technology initiative, is lifting people up at the same time we're connecting technology."

"Smart city technologies are a vital component of my Administration's plans to modernize our government," said **Philadelphia Mayor Jim Kenney**. "We are currently reviewing over 100 responses received to our Smart City Request for Ideas, and will soon be determining next steps to make the Internet of Things a major force in how we provide city services to Philadelphians in the future."

"As the use of IoT technology continues to expand rapidly, having a set of guiding principles will help us maintain the public's trust, said **San Antonio Mayor Ivy R. Taylor**. "IoT technology is only an improvement if it can be deployed while respecting the privacy of our citizens and maintaining transparency about how government collects and uses information."

"Local governments must be as innovative as their residents in order to seize the opportunities and respond to the challenges that new technologies bring. From digitally scanning our roads to deploying smart street lights, the City of San Diego embraces technology to bring better services to our communities," said **San Diego Mayor Kevin L. Faulconer**. "New breakthroughs in wireless technology, smart medicine and cyber security come out of San Diego every day, so naturally we're excited to join other metros across the nation to create a framework that ensures technology is used for the public good."

"Spokane is leading by example in driving greater transparency and openness of government," said **Spokane Mayor David Condon**. "This partnership connects the city to best practices that will better engage citizens through improved access to information. We look forward to the ongoing collaboration on Smart Cities and other innovation and technology challenges facing our cities."

"Cities are the platform for change in our world today, and as we all share in the demands the times place on us, we need to share solutions," said **James Keene, City Manager for the City of Palo Alto.** "The opportunities "smart" technologies offer us must be carefully balanced with the requirements of our democracy, safeguarding privacy, promoting equity and ensuring open government."

"Smart city technologies are focused on people and data, so our aim is to help shape policies that are citizen-focused and data driven as cities inevitably transform, said **Anne Roest, Commissioner of the New York City Department of Information Technology and Telecommunications**. "I'm excited to be a part of this partnership and I look forward to making progress that will benefit New York City—and all cities—as we move ahead."

"This is another significant effort I'm proud to co-lead that will strengthen our cities through collaboration, partnership and intelligently leveraging technology to positively impact and better serve our global citizens," said **Miguel Gamiño, San Francisco City Chief Information Officer.**

"Data has the potential to drive innovation and efficiency, improving both our quality of life and economic productivity. Technology creates new opportunities to use data to help reduce traffic congestion, fight crime, foster economic development, reduce greenhouse gases, and make local governments more open, responsive, and efficient. Unlocking the promise of a smart, data-driven city requires a focus on data governance and consistent tools that facilitate collaboration and educate the public," said **Michael Mattmiller, Chief Technology Officer for the City of Seattle**. "The City is honored to join this group and partner for the responsible and equitable deployment of smart city technologies."

"Metro Greenville, South Carolina, is an attractive mid-sized metropolitan community that seeks to use innovation to avoid urban problems that plague older, larger cities," said **Greenville County Councilman Fred Payne**. "Public private partnerships among government, preK-20 education, business, and industry are the key to achieving a vision of smart transport corridors and smarter GreenVillages development across our Metro region."

"Smart city technologies carry great promise for our cities. There's also a lot of hype and uncharted territory to navigate," said **Jeff Merritt, Director of Innovation for the City of New York**. "These shared commitments act as a compass—helping to ensure that community residents are always put first—as we strive toward a more sustainable, resilient and equitable future."

"The process of implementing effective smart city IoT solutions is complex and these guidelines are an important step in managing this complexity and helping cities deliver desired outcomes," said **Ruthbea Yesner Clarke, Global Director of IDC's Smart Cities practice**. "It was an

exciting project to work on with the city of New York and we are so pleased to see other cities sign on to the guidelines."

"The key to the long-term success of smart cities is sharing," said **Jesse Berst, Chairman of the Smart Cities Council**. "Sharing knowledge, sharing infrastructure, sharing data, sharing costs. And sharing the resulting benefits equitably, to create ladders of opportunity for those less fortunate. We are so pleased to see New York and its partner cities leading the way to this better future."

About the IoT Guidelines:

The guiding principles for smart cities are based on a first-of-its-kind set of IoT guidelines developed by the New York City Mayor's Office of Technology and Innovation. In partnership with International Data Corporation, more than 450 best practices from 50+ cities around the world were gathered and consolidated into a preliminary set of guidelines. These guidelines were reviewed by subject matter experts from universities, regulatory and standards bodies, public interest groups, private companies, and city governments around the world before being condensed into the final set of guidelines. For more information, visit http://www.nyc.gov/iot.

About the Council of Global City CIOs:

The Council of Global City CIOs (CGCC) brings together technology executives from major cities across the globe to share data and harness technology to transform cities. The CGCC is focused on building a common framework to develop a Smart Cities model, bring broadband connectivity to everyone, and accelerate the digitization of government through open source code-sharing. The CGCC is co-led by San Francisco CIO Miguel A. Gamiño, Jr. and Washington, DC CTO Archana Vemulapalli, along with founding cities New York City, The Hague, Boston, Seattle, Chicago, Atlanta, Austin, and Dubai. To learn more, visit http://www.globalcitycios.org.

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