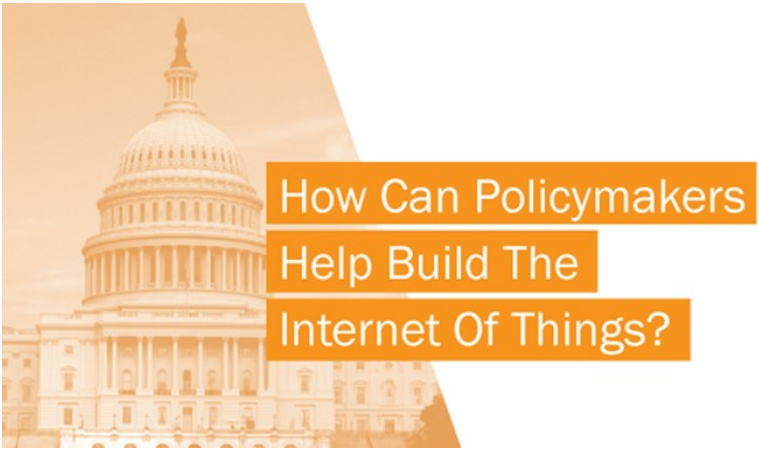
How Can Policymakers Help Build The Internet Of Things?



The Internet of Things represents the idea that ordinary objects—from thermostats and shoes to cars and lamp posts—will be embedded with sensors and connected to the Internet. Many of these changes will be subtle and go unnoticed by consumers, but the long-term effect could ultimately have an enormously positive impact on individuals and society. For example, efforts to reduce unnecessary energy usage will be accelerated by devices that automatically regulate energy usage in the home and office, while health care costs and outcomes can be improved with wearable medical technologies that help individuals track their health and monitor chronic conditions. Over the long term, the Internet of Things offers solutions to major social problems from improving transportation to reducing pollution, but achieving this vision of a fully-connected world will not happen without the cooperation of policymakers. Today's conference will explore the future of smart devices, smart communities, and the smart policies that will enable the Internet of Things.

SCHEDULE

1:00	WELCOME
1:05	KEYNOTE: SEN. DEB FISCHER (R-NE)
1:15	KEYNOTE: SEN. KELLY AYOTTE (R-NH)
1:25	PANEL: SMART HOMES AND DEVICES
2:25	PANEL: SMART CITIES AND INFRASTRUCTURE
3:25	COFFEE BREAK
3:40	KEYNOTE: REP. SUZAN DELBENE (D-WA)
3:50	KEYNOTE: SEN. BRIAN SCHATZ (D-HI)
4:00	PANEL: SMART INDUSTRY

EVENT DETAILS

CENTER FOR DATA INNOVATION | WELCOME

Center for Data Innovation Director Daniel Castro

SMART HOMES AND DEVICES | PANEL

Neil Chilson, Chris Irwin, Vineet Shahani, Ohad Zeira, Daniel Castro (moderator)

From reducing home energy bills to keeping families safe, the Internet of Things is poised to improve the life of consumers. Automated home systems can monitor and control energy use to cut down on bills, alert the police or fire department during an emergency when nobody is home, and help make consumers more comfortable. Wearable technologies, ranging from smart watches to smart onesies, can help track calories, monitor sleep habits, and even treat medical conditions. This panel will explore the opportunities for consumers to benefit from the Internet of Things, and how policymakers can enable these changes.

SMART CITIES AND INFRASTRUCTURE | PANEL

Hilary Cain, Dan Hoffman, Alan Roth, Tonnetta Oubari, Daniel Castro (moderator)

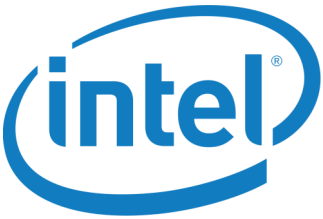
From smart trash cans to smart street lamps, integrating city infrastructure and public services into the Internet of Things has the potential address problems such as crime, traffic, and pollution. Smart roads can help reduce congestion, sensor-equipped bridges can help improve public safety, and smart buildings can help reduce the city's environmental impact. This panel will explore the future of smart cities, how they will benefit citizens, and what opportunities exist to leverage smart infrastructure to build more resilient communities.

SMART INDUSTRY | PANEL

Kate Jackson, Alexa Marrero, Eric Miller, Sokwoo Rhee, Travis Korte (moderator)

From sensor-laden assembly lines to networked fleets, many businesses are beginning to invest in the Internet of Things to become more efficient, deliver better products and services, and increase sustainability. Smart factories allow for quantification and real-time monitoring of every step of the manufacturing process; networked supply chains can make international shipping and trade easier and more accountable, and ensure transparency in the sourcing of materials; and wearables can help businesses improve the health and safety of their workforce. This panel will explore how the Internet of Things will help unleash a new wave of industrial innovation and build new economic opportunities.

SPONSORS



MEDIA PARTNER

SPEAKERS

Sen. Kelly Ayotte
U.S. Senator,
New Hampshire

Hilary Cain
Director of Technology and Innovation Policy,
Toyota

Daniel Castro
Director, Center for Data Innovation

Neil Chilson
Attorney-Advisor to Commissioner Ohlhausen, FTC

Rep. Suzan DelBene
U.S. Congresswoman,
Washington

Sen. Deb Fischer
U.S. Senator,
Nebraska

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Smart Grid Standards and Interoperability Coordinator, DOE

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Sen. Brian Schatz
U.S. Senator, Hawaii

Vineet Shahani
Head of Commercial & Product Legal, Nest Labs

Ohad Zeira
Director of Global Product Management, Belkin

The Center for Data Innovation is the leading think tank studying the intersection of data, technology, and public policy. Based in Washington, DC, the Center formulates and promotes pragmatic public policies designed to maximize the benefits of data-driven innovation in the public and private sectors. The Center is a non-profit, non-partisan research institute proudly affiliated with the Information Technology and Innovation Foundation.

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