

ONE HUNDRED FIFTEENTH CONGRESS  
**Congress of the United States**  
**House of Representatives**  
COMMITTEE ON ENERGY AND COMMERCE  
2125 RAYBURN HOUSE OFFICE BUILDING  
WASHINGTON, DC 20515-6115

Majority (202) 225-2927  
Minority (202) 225-3641

**MEMORANDUM**

**May 21, 2018**

**To: Subcommittee on Digital Commerce and Consumer Protection Democratic Members and Staff**

**Fr: Committee on Energy and Commerce Democratic Staff**

**Re: Hearing on “Internet of Things Legislation”**

On Tuesday, May 22, 2018, at 10:15 a.m. in room 2322 of the Rayburn House Office Building, the Subcommittee on Digital Commerce and Consumer Protection will hold a hearing titled “Internet of Things Legislation.”

**I. BACKGROUND**

The Internet of Things, or IoT, generally refers to the ability of everyday objects to connect to the internet and to send and receive data.<sup>1</sup> IoT products are consumer products that use the internet as part of how they function.<sup>2</sup> As examples, IoT devices can be home appliances, agricultural products, manufacturing equipment, healthcare monitors, and vehicles on roads.

This subcommittee has held several hearings on IoT topics as part of the Disrupter Series, including wearable devices, smart communities, health care apps, and two previous IoT-specific hearings.

**II. SUMMARY OF INTERNET OF THINGS STUDY DISCUSSION DRAFT**

The discussion draft, H.R. \_\_, the State of Modern Application, Research, and Trends of IoT Act, or SMART IoT Act, directs the Secretary of Commerce to conduct a study on the state

---

<sup>1</sup> Federal Trade Commission, *Internet of Things: Privacy & Security in a Commercial World*, FTC Staff Report (Jan. 27, 2015).

<sup>2</sup> *Id.*

of internet-connected devices. Internet-connected devices are defined in the draft as physical objects capable of connecting directly or indirectly to the internet to communicate information at the direction of an individual and are capable of collecting, sending, or receiving data.

The study includes a survey of entities that develop such devices, those that use such devices, and entities promoting the adoption of internet-connected devices including those that develop standards for such devices. The study would also include a survey of the federal agencies that have jurisdiction over entities and industry sectors participating in the IoT economy and the activities undertaken by these agencies with regard to IoT.

The draft requires the Secretary of Commerce to submit a report to Congress on the results of the study and recommendations for growth of the United States economy through the secure advancement of internet-connected devices.

### **III. WITNESSES**

**Michelle Richardson**

Deputy Director, Freedom, Security, and Technology Project  
Center for Democracy & Technology

**Tim Day**

Senior Vice President, Chamber Technology Engagement Center  
U.S. Chamber of Commerce

**Dipti Vachani**

Vice President Internet of Things Group; General Manager of the Strategy  
and Solutions Engineering Division  
Intel Corporation