

IoT Advisory Board Meeting #4

Report Status and Considerations

First Thoughts

- Lots of recommendations –
 - Many will certainly be integrated to create a smaller set of strong proposals.
 - Report team will spend the next few weeks doing so but thoughts are welcome.
- Part of Wednesday’s discussion will be understanding next steps for some important missing information. Some of our most important topical areas do not yet have advice.
- Many recommendations are actionable in ways that are specific, measurable, and realistic. Still others are close and will be effective with some minor adjustments.
- It will be good if the Board could spend some time on the broader questions.
 - several months of looking at the trees – this is an opportunity to step back and view the forest.
 - What does the US need to do to realize the full potential around IoT?
 - We’ve all seen where laws & regs created unintended consequences – any of those?
 - Help us to paint the picture about why IoT adoption is so important and what we can do to make it happen.
- Themes / objectives will be vital. Some are front and center like trust and interoperability and workforce. Might need to review where proposed themes consistently reflect what the Board recommends.
- Part of the work of integrating into the report will be describing the “significant and scalable economic and societal benefits” that will result from enabling or improving IoT in these areas. Some will come out in the discussions, some are already in the submissions, some we may need to come back to sub-groups to glean.

Broad NDAA Needs For the Board

- Identify any Federal regulations, statutes, grant practices, programs, budgetary or jurisdictional challenges, and other sector-specific policies that are inhibiting, or could inhibit, the development of the Internet of Things.
- Determine whether adequate spectrum is available to support the growing Internet of Things and what legal or regulatory barriers may exist to providing any spectrum needed in the future;
- Identify policies, programs, or multi-stakeholder activities that may protect users of the Internet of Things (Note: Covered by the existing work? Other aspects of “protection”?)
- Identify policies, programs, or multi-stakeholder activities that may encourage coordination among Federal agencies with jurisdiction over the Internet of Things;
- Identify policies, programs, or multi-stakeholder activities that support opportunities and challenges associated with the use of Internet of Things technology by small businesses;
- Identify any international proceeding, international negotiation, or other international matter affecting the Internet of Things to which the United States is or should be a party.

Topical Areas - Status

- Identify situations in which the use of the Internet of Things is likely to deliver significant and scalable economic and societal benefits to the United States, including benefits from or to—
 - smart traffic and transit technologies;
 - augmented logistics and supply chains;
 - sustainable infrastructure;
 - precision agriculture;
 - environmental monitoring;
 - public safety; and
 - health care;

These topics have few recent actionable recommendations and may need particular attention in upcoming weeks

Many Recommendations to Integrate

- Thank you for the hard work so far – this is important work, and many are contributing long hours and late nights to make progress
- The goal is quality, not quantity, of recommendations but where there are double-digit numbers we will work to tighten up and integrate
 - Note that many of the recommendations include “how” guidance for other recommendations
- The Secretariat may reach out to sub-groups for clarifications