

**From:** [Stine, Kevin \(Fed\)](#)  
**To:** [Scholl, Matthew A. \(Fed\)](#)  
**Subject:** Re: interesting conversation on SRDs at ITL MC mtg  
**Date:** Thursday, August 10, 2017 1:09:56 PM

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Here's raw notes for 2 topics discussed...

IoT workshop (Jim) -

- modeled after Mike Garris internal AI workshop
- do similar thing for IoT in Fall 2017
- not to go into lots of detail on work we are doing; look at systems approach (engineering, materials/sensors, material design, cybersecurity, wired/wireless communications, etc)
- here's what we are thinking about for IoT
- outputs:
  - establish NIST community of interest;
  - articulate the NIST portfolio and how it impacts consumer/industrial, etc.
  - inventory of IoT work across NIST

**ADLP strategic planning (Chuck) -**

- been going on for several months
- critically important (whether you are growing, static, or shrinking)
- we have mission and core values
- what is NIST vision statement?
  - PROPOSAL: the foundation for tomorrow's innovation
- multiple areas of convergence
  - multiple topic areas identified; "sticky note voting" clustered around certain priority areas for NIST
  - 4 topics that bubbled to top:
    - IoT
    - Precision Medicine (Engineering Biology as a subset)
    - Quantum SI (using advances in quantum mechanics to improve realization of SI units; ex, redefinition of kilogram)
    - Artificial Intelligence (spectrum from Data to Machine Learning to AI)
  - Think vertically about research programs in these areas, but also providing to scientists the capabilities that can contribute to better measurement science (Statistics/Will G is critically important)
- **Wants to identify lab priorities (what would you be willing to reprogram) to support this?**
  - reprogramming efforts TBD (ITL: \$6-8M)
  - identify and recruit a first-rate scientist in this space
  - ramp up post-doc program; grants to universities; to build a pipeline and kickstart program; rebalance over time with NIST staff.
  - **ADLP coming out with announcement on ITL BTF project ideas**
    - **consider AI and top 4 categories for submissions.**
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**From:** Scholl, Matthew (Fed)  
**Sent:** Thursday, August 10, 2017 1:05:38 PM  
**To:** Stine, Kevin (Fed)  
**Subject:** Re: interesting conversation on SRDs at ITL MC mtg

We played this in the past with the difference between srd and srm and just data.  
We have lots of just data but the lines are odd.  
Thanks for the heads up. I will keep my ears open and be sure I understand the logistics requirements if they want an official stamp one way.

----- Original Message -----

From: "Stine, Kevin (Fed)" <kevin.stine@nist.gov>

Date: Thu, August 10, 2017 12:39 PM -0400

To: "Scholl, Matthew (Fed)" <matthew.scholl@nist.gov>

Subject: interesting conversation on SRDs at ITL MC mtg

In the American Innovation and Competitiveness Act in 2016, there were some changes made by reference to the definition of Standards Reference Data in the Standards Reference Data Act that broadened what is considered "SRD". Somehow, NIST missed this one and was not involved in any conversations. Only have a paper copy of the definition, but you could probably find it in the law. I'm thinking NVD could be considered official SRD. Barbara Guttman is taking lead within ITL on reviewing the new definition to determine impact to ITL. Having something tagged as an SRD implies a NIST seal of integrity. If/when she reaches out, I would consider having Foti and/or Booth participate, even if the end result is "no impact to us."