**NIST Big Data Public Working Group (NBD-PWG)**

**NBD-PWD-2016/M0533**

**Source: NBD-PWG**

**Status: Draft**

**Title: Web chat from Meeting of June 7, 2016**

**Chat Log D:\\_wo\1DMG\2015\\_BigDataWG\Docs\ChatLog 2016\_06\_07 15\_07.rtf**

**Cavan (to Everyone)**: 1:14 PM: I have a comment

**Ann Racuya-Robbins (to Everyone)**: 1:15 PM: I would like to get in the queue as well.

**Wo Chang (to Everyone)**: 1:28 PM: Nancy: I like to be on the queue

**Mark Underwood (to Everyone)**: 1:35 PM: Complete removal of the V's could serve a narrower purpose of standards but marginalize our work by setting it apart from the mainstream. So If we ultimately reject that, we need to build a crosswalk to the busiest on-ramps for this entire topic

**Ann Racuya-Robbins (to Everyone)**: 1:36 PM: Isn't scalability at the root ofthe challenges of social contract privacy, linking surveillance, so I think an argument can be made for the scalability or extensibility of data analytics

**Ann Racuya-Robbins (to Everyone)**: 1:36 PM: as something that needs to be included in the definiton

**Pw Carey, Compliance Partners, LLC (to Everyone)**: 1:42 PM: Greater amounts of diverse data than legacy and/or current technology can slice and dice into a useable readable format....easily transferable.....no?

**Ann Racuya-Robbins (to Everyone)**: 1:42 PM: That's the way I have always worked because it is more affordable.

**Ann Racuya-Robbins (to Everyone)**: 1:44 PM: "going to the data" is a good addition. But do you have to go to the data?

**Pw Carey, Compliance Partners, LLC (to Everyone)**: 1:53 PM: Pw believes our focus should be on the end user's use of Big Data and how they incorporate the aggregate technologies of Big Data into a useable, shareable, re-usable format....slash....template...Yes, that's what Pw believes at this point in time....

**Ann Racuya-Robbins (to Everyone)**: 1:55 PM: pervasive is a good addition

**Mark Underwood (to Everyone)**: 1:56 PM: CDC 7600 for you youngun's

**Pw Carey, Compliance Partners, LLC (to Everyone)**: 1:56 PM: Dear Mark: You mean Control Data Corporation....?

**Pw Carey, Compliance Partners, LLC (to Everyone)**: 1:57 PM: Dear Ann: We agree....'pervasive' is a nice addition....

**Pw Carey, Compliance Partners, LLC (to Everyone)**: 1:59 PM: For our purposes, we're collecting all public available data from 1928, across all countries, surrounding financial fraud events upto and including an on-going gathering of financial fraud events this includes court cases as well as PR pieces....

**Pw Carey, Compliance Partners, LLC (to Everyone)**: 2:00 PM: out to 2016 and beyond....

**Pw Carey, Compliance Partners, LLC (to Everyone)**: 2:06 PM: Nice term....easily understood, short, brief and intuitive.....'the belt-way bandits'.....we like it.....may we use it, or is it already copyright protected....?

**Ann Racuya-Robbins (to Everyone)**: 2:06 PM: In general I agree Nancy.

**Pw Carey, Compliance Partners, LLC (to Everyone)**: 2:07 PM: Me too......

**Ann Racuya-Robbins (to Everyone)**: 2:16 PM: I will need to drop soon.

**Mark Underwood (to Everyone)**: 2:17 PM: Have a q for Frank

**Pw Carey, Compliance Partners, LLC (to Everyone)**: 2:17 PM: Therefore, a 'self-licking ice cream cone' equals a totally useless and unnecessary effort....quite good...and thank you to our Military on the Anniversary of The Normandy Invasion.... Respectfully yours, Pw

**Cavan (to Everyone)**: 2:17 PM: Love the comments, Mark did your CDC fill a room as well?

**Pw Carey, Compliance Partners, LLC (to Everyone)**: 2:18 PM: Dear Ann: Have a nice work week.....

**Pw Carey, Compliance Partners, LLC (to Everyone)**: 2:20 PM: Data to Information to Knowledge metaphore for Big Data.....(via Analysis...)

**Ann Racuya-Robbins (to Everyone)**: 2:21 PM: Thank you all.

**Mark Underwood (to Everyone)**: 2:22 PM: @Cavan - At least one room, and another one for air conditioning (AZ)

**Cavan (to Everyone)**: 2:22 PM: ahh the good ole days

**Cavan (to Everyone)**: 2:23 PM: where the proper garb for work was a nice coat

**Mark Underwood (to Everyone)**: 2:23 PM: Nancy, question re: federation + S&P - Suggested approach?

**Cavan (to Everyone)**: 2:25 PM: Data science goes on without big data, but is better on bigger data sets (at least the way I see it being sold and practiced)

**Pw Carey, Compliance Partners, LLC (to Everyone)**: 2:26 PM: Data Relationships (interdependencies/collaborations) between two diametrically opposed events/instances that were not apparent and/or obvious upon first blush...at this point in time.....

**Pw Carey, Compliance Partners, LLC (to Everyone)**: 2:27 PM: How to determine when corps and C-Suites are only paying lip service to GRC (Governance, Risk & Compliance) .... aka a how to guide to detect fraud.....

**Mark Underwood (to Everyone)**: 2:29 PM: Nancy - there will be some content from Vol 4 Orchestration that iwll be part of that -- as you put it - "tension"

**Pw Carey, Compliance Partners, LLC (to Everyone)**: 2:29 PM: Mr. Quyen will be a contributor for the Governance (GRC) Section.....

**Mark Underwood (to Everyone)**: 2:31 PM: A problem with "pervasive" is that this term has been appropriated by the CPS / IoT folks

**Mark Underwood (to Everyone)**: 2:31 PM: See IEEE Pervasive Computing Journal

**Pw Carey, Compliance Partners, LLC (to Everyone)**: 2:33 PM: @Mark: That's an outrage.....only hope IoT runs aground due to lack of security & privacy.....let's only hope....Respectfully.....Pw

**Cavan (to Everyone)**: 2:34 PM: @PW, a lot of the DARPA work on IOT privacy is encrypted from the device to a storage aggregation site where the data is queried and formally privatized

**Mark Underwood (to Everyone)**: 2:35 PM: Nancy - also suggest a cross ref section linking to other stds - Perhaps that is a subset of Dave's XLS draft?

**Lee Anne Davies (to Everyone)**: 2:36 PM: Accuracy does not go up with more data. It's often over-fitting and leads to drawing incorrect conclusions.

**Pw Carey, Compliance Partners, LLC (to Everyone)**: 2:37 PM: Dear Cavan: Based upon recent events with Apple's 'unbreakable' Titantic....we don't put much faith in such bullet proof security strategies....No offense....Pw

**Cavan (to Everyone)**: 2:37 PM: Nancy would be nice to say that Big Data arch (what ever that is) enables more efficient record linkage, machine learning,

**Lee Anne Davies (to Everyone)**: 2:37 PM: Agreed - but that's a privacy issue, not an accuracy issue IMO

**Pw Carey, Compliance Partners, LLC (to Everyone)**: 2:38 PM: Dear Lee Anne: Which is most important in the eyes of the beholder.....?

**Cavan (to Everyone)**: 2:38 PM: Thanks PW

**Pw Carey, Compliance Partners, LLC (to Everyone)**: 2:39 PM: Dear Sir: (aka: Cavan).....Your welcome.... and thanks....Pw

**Cavan (to Everyone)**: 2:40 PM: Cavan.Paul.Capps@census.gov

**Pw Carey, Compliance Partners, LLC (to Everyone)**: 2:41 PM: Dear Nancy: Yep, we're on there.....and we will contribute more of an effort once our new right hip arrives......Pw

**Lee Anne Davies (to Everyone)**: 2:41 PM: Pw Carey - I don't know what you mean by beholder?

**Pw Carey, Compliance Partners, LLC (to Everyone)**: 2:42 PM: Dear Lee Anne: That would be you and me....more concerned with our personal privacy than accuracy, at this point in time.....Hope this helps

**Pw Carey, Compliance Partners, LLC (to Everyone)**: 2:44 PM: Yes, wiwth the growth of robotics....Machine Learning should be considered.....

**Pw Carey, Compliance Partners, LLC (to Everyone)**: 2:45 PM: Oops....with the growth of robotics, cutting across all industries from call centers to financial brokers to insurance sector....Machine Learning should be considered......

**Pw Carey, Compliance Partners, LLC (to Everyone)**: 2:46 PM: And let's not forget the Airlines....robotics flight controls....pushing the Auto-Pilot button for 90% of the flights.....

**Mark Underwood (to Everyone)**: 2:47 PM: FYI FTC Agency Comments on public comments re: privacy protections - http://1.usa.gov/1TTTRPh

**Pw Carey, Compliance Partners, LLC (to Everyone)**: 2:47 PM: Dear Mark: Thanks.....we'll go there now....Thanks....

**Pw Carey, Compliance Partners, LLC (to Everyone)**: 2:49 PM: Dear Mark: It works and it looks interesting....we'll review.....

**Cavan (to Everyone)**: 2:49 PM: Thanks Mark

**Pw Carey, Compliance Partners, LLC (to Everyone)**: 2:50 PM: You’ll want to read the full comment, but here’s a back-of-the-envelope recap. The staff comment opens with the can’t-be-denied fact that consumers care about privacy and security. The massive collection and storage of personal information, the risk of identity theft, the release of sensitive stuff people view as private, and the potential use of data by employers, insurers, creditors, and others are just some of their concerns. To the extent that trepidations deter consumers from doing business online, companies may be concerned, too

**Pw Carey, Compliance Partners, LLC (to Everyone)**: 2:50 PM: Thanks Mark.....

**Cavan (to Everyone)**: 2:51 PM: Using containers for security

**Pw Carey, Compliance Partners, LLC (to Everyone)**: 2:51 PM: Shipping Containers....

**Pw Carey, Compliance Partners, LLC (to Everyone)**: 2:52 PM: Any chance for an Anti-Bribery App......?

**Mark Underwood (to Everyone)**: 2:53 PM: It was IEEE not OMG - http://grouper.ieee.org/groups/1915/1/

**Pw Carey, Compliance Partners, LLC (to Everyone)**: 2:54 PM: IEEE not OMG.....Security for Virtualized Environments (COM/SDB/SVE)

This project is sponsored by the IEEE Communications Society/Standards Development Board (COM/SDB)

Title: Standard for Software Defined Networking and Network Function Virtualization Security

Scope: This standard specifies security framework, models, analytics, and requirements for Software Defined Networking and Network Function Virtualization (SDN/NFV).

Purpose: This standard provides a framework for network operators, service/content providers, and end users to build and operate secure SDN/NFV environments.

Need for the Project: This standard addresses security models, terminology, and analytics, essential components of SDN/NFV environments to ensure confidentiality, integrity and availabil

**Pw Carey, Compliance Partners, LLC (to Everyone)**: 3:07 PM: Thank you sir.....