



# IDSP

**Workshop Report**

**Measuring Identity Theft**

Identity Theft Prevention and  
Identity Management Standards Panel

October 2009

## **IDENTITY THEFT PREVENTION AND IDENTITY MANAGEMENT STANDARDS PANEL (IDSP)**

### **WORKSHOP REPORT: MEASURING IDENTITY THEFT**

The **Identity Theft Prevention and Identity Management Standards Panel (IDSP)** is a cross-sector coordinating body working to reduce identity theft and fraud by promoting the development and use of voluntary consensus standards and best practices. For more information, visit [www.ansi.org/idsp](http://www.ansi.org/idsp).

The **American National Standards Institute (ANSI)** is a private non-profit organization whose mission is to enhance U.S. global competitiveness and the American quality of life by promoting, facilitating, and safeguarding the integrity of the voluntary standardization and conformity assessment system. The Institute represents the diverse interests of more than 125,000 companies and organizations and 3.5 million professionals worldwide. The Institute is the official U.S. representative to the International Organization for Standardization (ISO) and, via the U.S. National Committee, the International Electrotechnical Commission (IEC), and is a U.S. representative to the International Accreditation Forum (IAF).

October 2009

ANSI

25 West 43<sup>rd</sup> Street – Fourth Floor

New York, NY 10036

T: 212.642.8921

F: 212.840.2298

E: [ids@ansi.org](mailto:ids@ansi.org)

©2009 American National Standards Institute (ANSI). All rights reserved. Published by ANSI. Printed in the United States of America.

No part of this publication may be reproduced or distributed in any form or by any means, or stored in a database or retrieval system, except as permitted under Sections 107 or 108 of the U.S. Copyright Act, without prior written permission of the publisher.

Material in this publication is for educational purposes. Neither the publisher nor the authors assume any liability for any errors or omissions or for how this publication or its contents are used or interpreted or for any consequences resulting directly or indirectly from the use of this publication. For legal advice or any other, please consult your personal lawyer or the appropriate professional.

The views expressed by the individuals in this publication do not necessarily reflect the views shared by the companies they are employed by (or the companies mentioned in this publication). The employment status and affiliations of authors with the companies referenced are subject to change.

## TABLE OF CONTENTS\*

---

### Part / Title

<b>1. Executive Summary .....</b>	<b>1</b>
<b>2. Workshop Launch Meeting .....</b>	<b>3</b>
<b>3. Working Group 1 - Definitions</b>	
<b>3.1. Mission of Working Group 1 .....</b>	<b>5</b>
<b>3.2. Development of the Inventory .....</b>	<b>5</b>
<b>3.3. Existing Terms – Variations .....</b>	<b>6</b>
<b>3.4. Evolving Terms .....</b>	<b>8</b>
<b>3.5. Areas of Consensus .....</b>	<b>9</b>
<b>3.6. Team Members of Working Group 1 - Definitions .....</b>	<b>10</b>
<b>4. Working Group 2 - Research</b>	
<b>4.1. Mission of Working Group 2 .....</b>	<b>11</b>
<b>4.2. Development of the Inventory .....</b>	<b>11</b>
<b>4.3. Observations .....</b>	<b>15</b>
<b>4.4. Gaps in Research.....</b>	<b>16</b>
<b>4.5. What Makes a Study “Useful”? .....</b>	<b>17</b>
<b>4.6. Team Members of Working Group 2 - Research .....</b>	<b>18</b>
<b>5. Working Group 3 - Methodologies</b>	
<b>5.1. Mission of Working Group 3.....</b>	<b>19</b>
<b>5.2. Overview of Findings and Recommendations.....</b>	<b>19</b>
<b>5.3. Specific Recommendations Regarding Public Disclosure .....</b>	<b>20</b>
<b>5.4. Team Members of Working Group 3 - Methodologies .....</b>	<b>21</b>
<b>6. Acknowledgements .....</b>	<b>22</b>
 <b><u>Annexes</u></b>	
<b>Annex 1 – Sample Definitions of Key Terms .....</b>	<b>25</b>
<b>Annex 2 – Research on Identity Theft .....</b>	<b>49</b>

---

\* This document includes two-directional hyperlinks between the table of contents and the main section headers for ease of navigation.

## 1. Executive Summary

---

The IDSP workshop on measuring identity theft grew out of a concern that controversies about research methodologies make it difficult to measure how well the marketplace is doing in combating identity theft and fraud, posing a challenge to industry, law enforcement and consumers. The workshop posed the overarching question whether standards are desirable and feasible for measuring and reporting on identity theft and data breach trends, identity theft protection services and information security solutions. The overarching goals of the workshop were: to better gauge how well the marketplace is doing in combating identity theft and fraud, to exchange / catalog recent research, and to answer the overarching question.

The February 23-24, 2009 workshop launch meeting concluded that, while reporting on identity theft was seen as a somewhat subjective field for standardization, standards for measuring the problem warrant further investigation. To that end, three working groups were established. The three groups worked autonomously, meeting by conference call and e-mail over the course of several weeks leading up to the April 27-28, 2009 IDSP plenary meeting at which event reports were delivered by each of the working group chairs. The working group reports contained herein reflect a consensus<sup>1</sup> of the working group team members.

**Working Group 1 – Definitions** compiled an inventory of key identity theft terms that may be causing confusion in the marketplace. The group compared usage of identity theft and fraud terms in statute and in research surveys and concluded that terms are defined and used differently in different contexts. This reflects the perspectives of the different communities of interests and types of fraud that exist. To make any sort of harmonization of terminology even more challenging, separate communities of interest do not appear to be communicating with each other, fueling the inconsistency in definitions. The group also observed that definitions continue to evolve and it is important that practitioners keep up with changes in the law and definitions to avoid confusion in the media / academic community. The group recommends that definitions always be sourced.

**Working Group 2 – Research** catalogued 166 research studies on identity theft and data breach trends, identity theft protection services and information security solutions. The group observed contradictory results in measuring the effects of identity theft attributable to the lack of differentiating between identity theft and identity fraud. Another contradictory result was in measuring the problem of identity theft victimization, depending upon research methodology used, e.g., whether a survey was done via the internet or telephone. The group found no contradictory results with respect to data breach research. The group observed some contradictory results with respect to research on identity theft protection services and information security solutions which it

---

<sup>1</sup> Consensus signifies substantial agreement but not necessarily unanimity among those participating.

believes may be attributable to bias created by who sponsored the research. The group observed a number of gaps in existing research for each of the categories such as the effects of ID theft versus ID fraud, breach correlation to ID theft, and the effectiveness of identity theft protection services and information security solutions. The group also offered some observations regarding what makes a study useful which included such things as disclosing research methodology, sources of funding and potential limitations of the methodology, clearly identifying the intended audience and problem it is addressing, etc.

**Working Group 3 – Methodologies** concluded that there are generally accepted principles for conducting sound research which are applicable to the specific realm of identity theft problems and solutions. The group developed a set of recommended best practices regarding research methodology for identity crime findings that are publicized or intended to shape public policy. These include publication of a lexicon of significant terms and a methodology statement. The group also outlined the specific elements that should be included in a methodology statement to include: the research organization, sponsor and partners, target population, sample source / size, date research published, dates of data collection, time period being reported on, method of data collection, question formulation, a description of additional statistics methods used, and a statement regarding unknowns and impartiality. The intent was to address the problem of public findings not being accompanied by enough detail on methodology and definitions to encourage appropriate decision making.