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DATA ITEM DESCRIPTION

Title: Randomizer Test Report

Number: DI-NDTI-80884A
AMSC Number: 9038
DTIC Applicable: No
Office of Primary Responsibility: NS/I734
Applicable Forms: N/A

Approval Date: 30 Jan 2008
Limitation: N/A
GIDEP Applicable: No

Use/Relationship:

The Randomizer Test Report provides the data necessary to evaluate and determine the effectiveness of randomizers incorporated into cryptographic products. Analysis of this report also provides a basis upon which equipment design improvement or refinement may be recommended.

This Data Item Description (DID) contains format and content preparation instructions for the data product generated by the specific and discrete task requirement as delineated in the contract.

This DID supersedes DI-NDTI-80884.

Requirements:

1. Reference documents. None.

2. Format:

   2.1. Document the Randomizer Test Data as follows:

   a. Cover Sheet. Shall contain Title, Contract Number, Procuring Activity, Contractor Identification, Acquisition Program Name, disclaimers (as provided by the procuring activity contracting officer), date, version number, security classification and any other appropriate descriptive data.

   b. Errata Sheet. Shall contain delimiting cumulative page changes from previous versions.

   c. Table of Contents. Shall contain paragraph numbers, paragraph names, and page numbers.

   d. List of illustrations, diagrams, charts and figures.

   e. Glossary of abbreviations, acronyms, terms, symbols, and notations used, and their definitions.

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f. Executive Summary, not to exceed two pages, that briefly describes the Randomizer Test Report.

g. Introduction.

h. Body of the Report.

i. Attachments and accompanying data storage media.

j. Subjective index.

k. Appendices.

l. Bibliography. List of reference sources and applicable documents.

2.2. Specific Format Instructions.

a. Abbreviations and acronyms shall be defined when first used in the text and shall be placed in the glossary.

b. Pages shall be numbered separately and consecutively using Arabic numerals. Blank pages shall be numbered.

c. Paragraphs shall have a short descriptive title and shall be numbered consecutively using Arabic numerals. Numbering schemes beyond the fourth level (e.g., 4.1.2.5.8) are not permitted.

d. Chapters shall begin on an odd-numbered (right hand) page.

e. Column headings shall be repeated on subsequent pages if tabular material exceeds one page.

3. Content: The Randomizer Test Report shall contain the following items:

a. Description of sample data collection setup (devices used and other appropriate information).

b. Details of data collection process.

c. Details associated with each required data sample (part number, data rate, temperature, voltage, and other appropriate information).

d. Explanation of format of accompanying sample data (binary, ASCII, etc.).

e. Sample data in accompanying data storage media.

4. END OF DI-NDTI-80884A.