



DATA ITEM DESCRIPTION - DESCRIPTION DE DONNÉES

1. TITLE – TITRE

**2. IDENTIFICATION NUMBER - NUMÉRO
D'IDENTIFICATION**

**SECURITY REQUIREMENTS TRACEABILITY
MATRIX**

DID 3.10.7

3. DESCRIPTION / PURPOSE – DESCRIPTION / OBJET

The purpose of the Security Requirements Traceability Matrix (SRTM) is to capture all security requirements and assurances on their completeness.

**4. APPROVAL DATE
DATE
D'APPROBATION**

**5. OFFICE OF PRIMARY INTEREST (OPI)
BUREAU DE PREMIERE RESPONSABILITÉ
(BPR)**

**6. GIDEP APPLICABLE
D'ÉCHANGE DE DONNÉES
PERTINENT**

TBD

NWSO Technical Authority (TA)

N/A

7. APPLICATION / INTERRELATIONSHIP – APPLICATION / INTERDÉPENDANCE

CDRL 3.10.7 and SOW paragraph 3.10.7 refer.
This DID contains the format and content preparation instructions for the data generated under the Work tasks described in the NWS O&M SOW.

8. ORIGINATOR - AUTEUR

9. APPLICABLE FORMS - FORMULES PERTINENTES

NWSO TA

NIL

10. PREPARATION INSTRUCTIONS – INSTRUCTIONS SUR LA PRÉSENTATION DES DONNÉES

10.1 Source Document

10.1.1 NWS O&M SOW Section 3, paragraph 3.10.7

10.1.2 Risk-based Cyber Mission Assurance Process

10.2 Content and Format

10.2.1 The Security Requirements Traceability Matrix must be prepared and delivered in Contractor format.

10.2.2 The Contractor must establish and implement a Security Requirements Traceability Matrix that must document at a minimum the following:

- a. The Traceability between security measures (requirement - including security control, high-level requirements and security assurance requirements, architecture, design, and implementation of configuration items):
 - i. To vulnerabilities;
 - ii. To threats;
 - iii. To risks;
 - iv. To their test activities, test procedures and test results; and
 - v. To security guidance (operator, maintenance, training).
- b. Document any compensating security requirements resulting from the systems technical or operational constraints.
- c. For CMA, verification and validation criteria are specified in RCMAP Security Development Report Section 6. The SRTM must demonstrate compliance to these criteria (risk management, functional security measures, and life-cycle process including in-service phase) or alternative standard acceptable to Canada.
- d. Identify and justify deviations from the System Security Management Plan including any references to the Plan of Actions and Milestone where applicable.

- 10.2.3 Security categorization of the SRTM deliverable must be performed upon creation of the document, as the SRTM or certain portions could be Protected. Security labelling and marking, as well as handling, storage and transmission of the SRTM must be implemented in accordance with National Defence Security Orders and Directives. In addition to the Security Marking, which is placed in the header and footer of each page, a set of informative statements will be printed on the cover, or first page, of the document and in some cases also on the Verso Page (the back-side of the Title Page or Cover Page) as required.
- 10.2.4 The Contractor will be responsible for conducting change management as described below:
- a. The Security Requirements Traceability Matrix must include a change history summary section which contains the following:
 - i. A clear and unique version/revision identifier for each submission or resubmission of the Security Requirements Traceability Matrix;
 - ii. Clear identification of revisions or amendments within the document from its previous submission; and
 - iii. Rationale for the revisions and amendments.
 - b. All the above revisions/amendments must be clearly identified within the document by using suitable change tracking feature in the Office Management Software used to produce the document, e.g. "Track Changes" feature in Microsoft-Word®, side bars etc.