



**Analysis Requirement Document**

##### Security Cargo Trigger Data

Secret | **سري**

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# Document and Version Information

|  |  |
| --- | --- |
| Document Information | |
| **Document Code** | Job\_Automation\_Document\_v1 |
| **Classification** | External (Security Deputyship) |
| **Name** | Job Automation Document – Security Cargo Trigger Data |
| **Description** | This job is to show the details of declarations that triggered by security rules. |
| **Version** | V2.0 |
| **Author** | Assyah M. Alrashed |
| **Creation Date** | 16-Jul-2025 |

|  |  |
| --- | --- |
|  | |
| **Names** | **Roles** |
| Analyst Name | Assyah M. Alrashed – ZATCA |
|  | Developer – ZATCA |
| Support & Testing Name | Support & Testing – ZATCA |
|  | Support & Testing – SAS |

|  |  |  |  |  |
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|  | | | | |
| **Version** | **Name** | **Role / Department** | **Signature** | **Approval Date** |
| V1.0 | Abdulrahman I. Bokhari | Risk Reporting Director |  | 16/7/2025 |
| V1.0 | Manal K. Almutairi | Data Architecture Director |  |  |

# Table Automation

## Overview – Job/Table Information

|  |  |  |  |
| --- | --- | --- | --- |
| Job/Table Information | | | |
| **Job/Table name** | Security Cargo Trigger Data | | |
| **Reason** | This job is to show the details of declarations that triggered by security rules. | | |
| **Segment Type** | Customs | |  |
| Security | |  |
| Tax | |  |
| Zakat | |  |
| **Duration** | Temporary | Date |  |
| Permanent | |  |
| **Priority** | High | |  |
| Moderate | |  |
| Low | |  |
| **Type of Development** | New | |  |
| Modification | |  |
| Disable | |  |

Table 1: Overview – Job/Table Information

## Source Tables to be Referenced:

Please note, in case of any external table / dataset not available in schema, refer to the [Appendix I](#_bookmark5) for data location or any attachments.

|  |  |  |
| --- | --- | --- |
| **Table Name** | **Library Name** | **Filter at Source Level** |
| CUSTOMS\_DECLARATION\_RISK | SASSTGF | YEAR(DATEPART(DCLTN\_DT\_G)) = YEAR(TODAY()) |
| CUSTOMS\_DECLARATION\_ITEM\_RISK | SASSTGF | YEAR(DATEPART(DCLTN\_DT\_G)) = YEAR(TODAY())AND HSCODE = '980100000003' |
| SZD\_CLASSES\_ADDHOC | SASSTGF | DCLTN\_ISIN NOT = **.** |
| WS\_RISK\_ALERT\_DTLS | SASSTG |  |
| WS\_RULES\_OUTPUT | SASSTG |  |
| DECLARATIONS | CUSTOMS | DCLTN\_ISN NOT = . |
| STATS\_DCLTNS | CUSTOMS | STATS\_ISN NOT = . |
| TRANSITS | CUSTOMS | TRNST\_TYPE = **4** AND TRNST\_ISN NOT  = . |
| DCLTN\_ITEMS | CUSTOMS |  |
| DCLTN\_GRPS | CUSTOMS |  |
| DCLTN\_INVOICES | CUSTOMS |  |
| SRCE\_CMPYS | CUSTOMS |  |
| SEA\_DLVY\_ORDERS | CUSTOMS |  |
| SEA\_DLVY\_ITEMS | CUSTOMS |  |
| VSSL\_BL\_ITEMS | CUSTOMS |  |
| VSSL\_CNTNRS | CUSTOMS |  |
| VSSL\_CNTNR\_INSPCTS | CUSTOMS | INSPCT\_ACTN\_CD IN (**1**,**2**) |
| VHCL\_TRANS | CUSTOMS |  |
| VHCL\_TRANSACTIONS | CUSTOMS | ENTRY\_EXIT\_TIME >= TO\_TIMESTAMP('01-01-2024 00:00:00', 'DD-MM-YYYY HH24:MI:SS')AND PSPRT\_NO IS NOT NULL AND VHCL\_CHASSIS\_NO NOT = '' AND VHCL\_TRAN\_TYPE IN (**5**, **13**, **27**, **51**) |
| VHCL\_DRIVERS | CUSTOMS |  |
| VHCL\_OWNERS | CUSTOMS |  |
| MAN\_TRANS | CUSTOMS | TRANS\_DATE\_H >= TO\_TIMESTAMP('6/19/1445', 'MM/MI/YYYY') |
| DCLTN\_LAND\_MNFST\_TRANS | CUSTOMS |  |
| DCLTN\_LAND\_MNFSTS | CUSTOMS |  |

|  |  |  |
| --- | --- | --- |
| STATS\_VHCLS | CUSTOMS | TRANS\_DATE\_H >= TO\_TIMESTAMP('6/19/1445' , 'MM/MI/YYYY') |

Table 2: Job Level – Source Tables

## Intermediate Tables to be Created:

Please refer to the table below to create the intermediate tables based on the source tables mentioned above.

It is to be noted, in case of two or more dependent tables for the creation of intermediate tables, primary keys will be mentioned in the last column of the table below.

|  |  |  |  |
| --- | --- | --- | --- |
| **Intermediate Table Name** | **Dependent Source Tables** | **Filter Required** | **Tables Joining Conditions (Primary Keys)** |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

Table 3: Job Level - Intermediate Tables

## Final output table/s:

|  |  |
| --- | --- |
| **Output table name** | **Library Name** |
| SEC\_RULE\_TRIGGER\_DASHBOARD | SASSTGF |

Table 4: Job Level - Output Tables

## Final output table/s Description:

|  |  |  |
| --- | --- | --- |
| **Column Name** | **Data Type** | **Description** |
| DECLARATION\_RK | Character | معرف البيان في الاستهداف |
| DCLTN\_NBR | Numeric | رقم البيان |
| DCLTN\_ID | Character | معرف البيان (رقم البيان المبدئي - رمز المنفذ) |
| DCLTN\_ISN | Numeric | رقم البيان المبدئي |
| PORT\_CD | Numeric | رمز المنفذ |
| PORT\_NAME | Character | اسم المنفذ |
| PORT\_TYPE\_DESC | Character | نوع المنفذ |
| BIG\_PORTS | Numeric | من المنافذ الكبرى |

|  |  |  |
| --- | --- | --- |
| DCLTN\_TYPE | Character | نوع البيان |
| DCLTN\_TYPE\_CD | Numeric | رمز نوع البيان |
| DCLTN\_TYPE\_DESC | Character | وصف نوع البيان |
| IS\_EXPRESS\_MAIL | Character | الشحن السريع |
| DCLTN\_DATE | Date | تاريخ البيان |
| BUS\_ID | Character | السجل التجاري الرئيسي |
| BUS\_ID\_BRNCH | Character | السجل التجاري الفرعي |
| BUS\_ID\_TYPE\_CD | Numeric | رمز نوع السجل |
| BUS\_ID\_TYPE\_NAME | Character | وصف نوع السجل |
| IMPR\_NBR | Numeric | رقم المستورد |
| AEO | Numeric | هل المستورد مشغل اقتصادي |
| LTP | Numeric | هل المستورد كبار مكلفين |
| COM\_SRCE\_NAME | Character | اسم الشركة المصدرة للبيانات الواردة |
| COC\_RELEASE\_TYPE | Character | نوع الفسح من الاستقبال |
| RULE\_ID | Character | رمز القاعدة المستهدفة |
| TRIGGER\_DATE | Date | تاريخ الاستهداف |
| RSK\_ENGNE\_RELEASE\_TYPE | Character | نوع الفسح من محرك المخاطر |
| TRIGGERED | Numeric | البيان مستهدف |
| SZD\_NUMBER | Character | رقم المحضر |
| ISSMUGGLING | Numeric | البيان عليه قضية تهريب |
| F\_LEVEL | Character | مستوى خطورة المحضر |
| SZD\_DATE | Date | تاريخ المحضر |
| HAS\_SZD | Numeric | البيان لديه محضر |
| PORT\_RELEASE\_TYPE | Character | نوع الفسح في المنفذ |
| CNTNR\_MRK | Character | رقم الحاوية |
| VHCL\_CHASSIS\_NO | Character | رقم الهيكل للمركبة |
| BILL\_NBR | Character | رقم البوليصة |

Table 5: Job Level - Output Tables Description

## Execution Frequency Daily/ Monthly/ Quarterly:

|  |  |
| --- | --- |
| **Frequency** | **Time of the day** |
| DAILY | 7:00 AM |

Table 6: Job Level - Execution Frequency

# Email Notification:

|  |  |  |  |
| --- | --- | --- | --- |
| **Purpose** | **Recipients in (To)** | **Recipients in (CC)** | **Frequency** |
| <When Job is successfully completed> | Assyah M. Alrashed Nidaa A. Alsaedi  AlAnoud I. AlMousa | Atheer A. Alhussan Abdulrahman I. Bokhari | DAILY |
| <When Job is Failed> | Assyah M. Alrashed Nidaa A. Alsaedi  AlAnoud I. AlMousa | Atheer A. Alhussan Abdulrahman I. Bokhari | DAILY |
| <Other Purpose> |  |  |  |

Table 7: Job Level - Email Notification

### Additional requirement:

# Attach Code:



Attched\_code(V2).s as

# Appendix

## Appendix 1: External Files Appendix 2: SAS Codes

#### <Please update it>