

TAQ03 V1.0.0 - Backend API Specification

1.Document Change Control

Project Code: TAQ03

Interface Type: File Transfer

Interface Name: SendEUDelta

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Date: 22.08.2018

MDG Specification Version: V1.0.0

MDG Specification Status: **Draft**

SDD: [Tariff and Quota Solution Design Document v2.0.pdf](#)

SDD Crossreference/Feature: DIT file integration (SDD v2.0 to be updated)

1.1 Version Control

Version	Change	Updated by	Updated Date
V1.0.0	Initial Creation	Vish Murugesan	22.08.2018

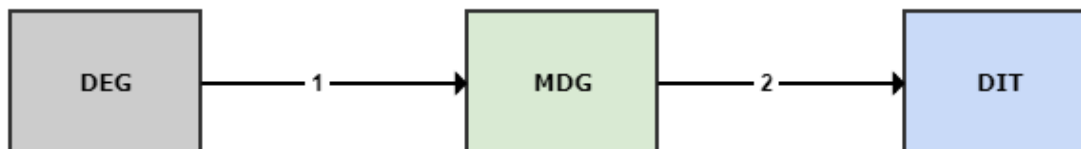
2. Transfer Service Properties

Property	Value
Source System	Management Server (server is maintained and managed by DEG)
Source System Type	File management Server
Source System OS	N/A
Interface Name	TAQ03
Interface Version	1.0.0
Source Compression	false
Source location	MDG UTM Server
Source Filename	TARIC3yyyyymmddhhmmss.xml TARIC3yyyyymmddhhmmss_metadata.xml
Source File Type	xml
Destination System	DIT
Destination Location	DIT FTPS Server folder : eudeltas
Destination FileName	TARIC3yyyyymmddhhmmss.encode
Destination File Type	encoded
Destination Encoding	Base64
Destination Compression	True
Destination Compression Type	ZIP

3.Objective

The objective of this feature is to send the EU TARIC3 file from DEG to DIT.

- 1) DEG places the TARIC3 file and its corresponding metadata file on MDG UTM server
- 2) MDG picks the file, performs AV check, zip+Base64 encode and transfer the file to DIT



3.1 In Scope

- TARIC3 file transfer from DEG to DIT
- Only TARIC3 XML file is in-scope

3.2 Out of Scope

- TARIC3 EDIFACT file is out of scope

4. Metadata File Generation

- Prior to the transfer of files from management server on to MDG UTM on FastP, the DEG team must perform the below:
 - Rename the files to follow naming convention as stated in Section 9.
 - Generate a valid metadata file
- The TARIC3 files must always be transferred to MDG UTM on FastP along with a valid corresponding metadata file
- The metadata file generated by DEG must confirm to the below schema

[BatchFileInterfaceMetadata-1.0.6.xsd](#)

5. Folder locations

Source:

DEG are required place the **source file and the corresponding metadata file** in the "**FROM**" folder of the MDG UTM server.

Path: /home/md01/utm/DEG/TAQ03/1.0.0/from

Destination:

DIT FTPS Server, folder **eudeltas**

6. Auto-recovery

This service must be able to auto recover in the event of failure This service must be able to recover from failure without affecting the source or destination files adversely. Should the service fail during the transfer of a file on recovery the service must resume transferring the file and there should be no adverse impact to the destination files.

7. Security

The required firewalls and network ports must be established to enable connectivity between DEG and MDG UTM environment.

8. Archiving

There is no archiving solution within MDG.

Note: Based on CTO guidance, MDG will does not hold any file/message in transit.

9. Naming Convention

Taric File: Taric file name expected from DEG should be named as **TARIC3yyyymmddhhmmss.xml**

Metadata File: Metadata file must be named as **TARIC3yyyymmddhhmmss_metadata.xml**

10.Risks, Assumptions, Issues, Dependencies and Decisions

10.1 Dependencies

1. *DEG team to place the TARIC3 file in MDG UTM server for MDG jobs to pick and transfer to DIT*

10.2 Assumptions

1. It is assumed that the TARIC3 file and the metadata files will be ZIPped and base64 encoded

10.3 Issues

None Identified

10.4 Risks

1. MDG are dependent on DEG to transfer the TARIC file on to MDG's UTM server, there is a potential risk that DEG might not be ready by end of the MDG development sprint - i.e by 5-Sep-2018.