**Package Transfer Web Services**

**Interface Specification Document**

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# INTRODUCTION

## Purpose

This document is generated for interface definition for Package Transfer operations. These operations are intended to use for bulk/aggregated product information exchange between stakeholders.

Package Transfer System (PTS) is a platform to share “zip” extensioned files between stakeholders. PTS does not handle content of the file. It helps stakeholders to upload and download files as a file sharing platform.

Supplier starts notifying DTTS with Supply Notification of each Product, when he will dispatch bulk Products to a warehouse, Supplier will again notify DTTS for each and every product. For these Products he can also prepare a file containing Dispatched Products information than use Package Upload Service to upload the file to PTS.

Warehouse can query PTS for any new file sent to himself and download it to his system. Validation of file content is between stakeholders. Warehouse will send “Accept Notification” for each and every accepted product.

* This document must be used with Definitions (**DEF**) Document that contains common definitions.

# SERVICES

## Package Upload Notification

### Operation Definition

Package Upload operation is performed by both Suppliers and Warehouses. This service uploads attachments “As Base64 Stream”.

* Stakeholders must check Response Message returned from DTTS

#### Upload File Service Parameters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Request Message** | |  | **Response Message** | |
| **PackageUploadServiceRequest** | |  | **PackageUploadServiceResponse** | |
| TOGLN |  |  | TRANSFERID |  |
| FILE |  |  | MD5CHECKSUM |  |

## Package Download Notification

### Operation Definition

Package Download operation is performed by both Suppliers and Warehouses. This service downloads attachments “As Base64 Stream”.

* Stakeholder cannot download a file that is not sent to him
* Stakeholders must check Response Message returned from DTTS

#### Download File Service Parameters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Request Message** | |  | **Response Message** | |
| **PackageDownloadServiceRequest** | |  | **PackageDownloadServiceResponse** | |
| TRANSFERID |  |  | FILE |  |
|  |  |  | MD5CHECKSUM |  |

## Package Query Notification

### Operation Definition

Package Query operation is performed by both Suppliers and Warehouses. This operation retrieves file list uploaded by a sender to receiver. Receiver Stakeholders must query periodically PTS to get the file list of yet not downloaded

* Stakeholders must check Response Message returned from DTTS

#### Query File Service Parameters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Request Message** | |  | **Response Message** | |
| **PackageQueryServiceRequest** | |  | **PackageQueryServiceResponse** | |
| FROMGLN |  |  | TRANSFERDETAILLIST |  |
| TOGLN |  |  |  |  |
| GETALL |  |  |  |  |
| ENDDATE |  |  |  |  |
| STARTDATE |  |  |  |  |

# ANNEX-A (WSDL)

