HeatMapper WMS Interface Data Requirement

# Introduction

This document is to specify requirements for WMS Interface Data of Auto-HeatMapper project pilot in Qualcomm of Megahub, Singapore. HeatMapper is a web based application that plots warehouse heatmap and runs various analysis, eg. ABC analysis, based on data input. Auto-HeatMapper is initiated to automate the data input process for HeatMapper. The most updated data is transferred directed from WMS to designated FTP and HeatMapper will retrieve data and generate result automatically. User will be able to login to HeatMapper and view the latest warehouse heatmap and analysis result.

# Data Required

* Inventory Snapshot
* Volume Data

# Data Description

## Inventory Snapshot

File format: tab delimited text

Number of files: 1

File name format: country\_id\_site\_id\_customer\_id\_YYYYMMDD.txt  
 e.g. 13\_484\_1611\_20160102.txt

13 is for Singapore, 484 is for Megahub, 1611 is for Qualcomm

20160102 is the file sent date

The volume file format is as below:

|  |  |
| --- | --- |
| Field Name | Description |
| Location | All the location code of the warehouse, including empty location |
| SKU | SKU stored in each location, leave blank for empty location |
| Zone | Zoning for each location |

## Volume Data

File format: tab delimited text

Number of files: 1

File name format: country\_id\_site\_id\_customer\_id\_YYYYMMDD.txt  
 e.g. 13\_484\_1611\_20160102.txt

13 is for Singapore, 484 is for Megahub, 1611 is for Qualcomm

20160102 is the file sent date

The volume file format is as below:

|  |  |
| --- | --- |
| Field Name | Description |
| Date | Date of order finished processing, in YYYYMMDD format |
| Order | All order number for the past three months dated from file sent date |
| SKU | SKU code |
| Qty | SKU order quantity |

# FTP Details

FTPHostname = apftp6.schenker-ap.com   
ID = cprs   
password = sVy5Z(#1

Folder directory: ./heatmapper/SG/

# Data Transfer Frequency

Both data are transferred to FTP on the first day of every month 1am.