## Installation Requirements:

Python 3.6+

Paramiko Python Package

Python Installation Parameters:

Install for all users – YES

Add Python to PATH – YES

Click Install Now

Paramiko

Once python is installed:

Open Command Prompt

Type: “pip install paramiko”

Hit Enter

## Installation

Create folder on root of C: drive called “HK\_custom”

Create folder for application use and name accordingly (e.g. “bevager\_export”, “adaco\_export”)

Copy from PosExportApplication folder in Egnyte to newly created folder.

Edit SQL Query (see below for details)

Edit Settings File (see below for details)

Add task to task scheduler

## Folder Structure

Archive: Location to store previously generated files

Data: Location for data files (needed for infogenesis)

Doc: Location for Documentation

Lib: Location for library files

Queries: Location for stored SQL Queries

Settings: Location for settings.ini files and templates

Temp: Location to store temporary files when application is running.

Updater: Application to update the app from central repository

Main.py: Main Application

Readme.md – Quick documentation in markdown format

## Command Line Arguments:

-d Will run for specified date. Date should be in ‘MM-DD-YYYY’ format.

## Settings.ini Fields

The settings.ini file should be stored in the settings/ directory in the application. There is a templates folder used to store specific examples of settings files for different applications

Values that are not applicable should be left blank with an equal sign

Good: Host =

Bad: Host

### Sections

#### General

[General]

**ArchiveFolder** – Where files will be stored once the file is generated and sent out.

**OutputFileName**, **OutputFileExtension** – These two fields will deterbine the output file format. The output file will have the name { OutputFileName }{ Date (as YYYYMMDD­­) }.{ OutputFileExtension }

Example:

OutputFileName = HKLV\_

OutputFileExtension = txt

Date = 01/05/2015

Filename will be: HKLV\_20150105.txt

**Connection –** Should be FTP, SFTP, or cURL

**POS –** POS that is installed. Should be Micros3700, Infogenesis, or Simphony2

#### Connections

[FTP] (Connection setting needs to be set to FTP for values to be read and used)

**Host** – The web address of the FTP server.

**Port** – The port of the FTP server.

**User** – The username to log in to the FTP server.

**Pass** – The password to log in to the FTP server.

**RemotePath** – The directory on the FTP server to store the uploaded file.

**UseSSL** – Option to use Explicit SSL/TLS to secure transmission. (This is not SFTP)

1 – Use Explicit SSL/TLS

0 – Use Plain unencrypted FTP

[SFTP] (Connection setting needs to be set to SFTP for values to be read and used)

**Host** – The web address of the SFTP server.

**Port** – The port of the SFTP server.

**User** – The username to log in to the SFTP server.

**Pass** – The password to log in to the SFTP server.

**RemotePath** – The directory on the SFTP server to store the uploaded file.

[cURL] (Connection setting needs to be set to cURL for values to be read and used)

**Host** – The web address to upload the file to.

#### POS

[Micros3700]

**User** – Database username. Default: custom

**Password** – Database password. Default: custom

**Database** – Database name. Default: micros

**QueryFilePath** – Path to file containing sql query.

[Simphony2]

**User** – Database username. Default: datastoredb

**Password** – Database password. Default: datastoredb

**QueryFilePath** – Path to file containing sql query

[Infogenesis]

**SiteCode** – 4 letter code for the location. Used to access zipped sales files from Egnyte

**DatabaseDefinitionFile** – Path to file that determines the temporary database structure. More on this in the section below.

**TenderFile** – Path to file that maps tender ID to tender name.

**TenderTableName** – Name to give tender mapping table in temporary database

**DiscountFile** – Path to file that maps discount ID to discount name.

**DiscountTableName** – Name to give discount mapping table in temporary database \

**SalesFilePath** – Path to folder containing zipped sales exports. Should be an Egnyte filepath

**QueryFilePath** – Path to file containing sql query.

## SQL Query

Do not use double quotes (“) anywhere in sql query file

3700 – Use @businessDate (case-sensitive) as variable for date to run. This will match the business\_date column in most micros tables.

Simphony – Use @startDate and @endDate as variables for date to run. This will match transaction datetime in Simphony tables. ’04:00:00’ will be appended to account for end of day.

Infogenesis – The database that is created will be for one day only. No date filters are needed.

## Egnyte Settings

The HK Timebank server uses Egnyte Desktop to access files on Engyte

All others connect to Egnyte using Egnyte’s FTP connection.

It is FTP over Explicit SSL

User: hktimebank

Password: 2RunScripts!!