1 INTRODUCTION

The purpose of the POS Translog files is to submit sales collected at the POS by each tenant shop to be sent to the server. Each file is distinguished by the Client ID to identify the sales belonging to which tenant shop.

1.1 File Name Convention

The file naming convention is

TD_YYYYMMDD.txt

Where:

|	
TD_	fixed (always use this 3 characters to identify daily total)
YYYY	4-digit year of business date
MM	2 digit month of business date (leading zero if month is less than 10)
DD	2 digit day of business date (leading zero if day is less than 10)
.txt	file extension for text file

Example: business date is **9th May 2013**

The filename would be:

TD_20130509.txt

1.2 Frequency of Generation

The file should contain a record of the day's total sales collected. It should be generated once at the end of the day by the POS machine. There should be only one file for the shop. If there are more than one POS in the shop, the file should contain the accumulated total of all POS and be generated and placed in the machine that is setup to send the file to the landlord server.

See diagram below:

Single POS Shop

Multiple POS Shop
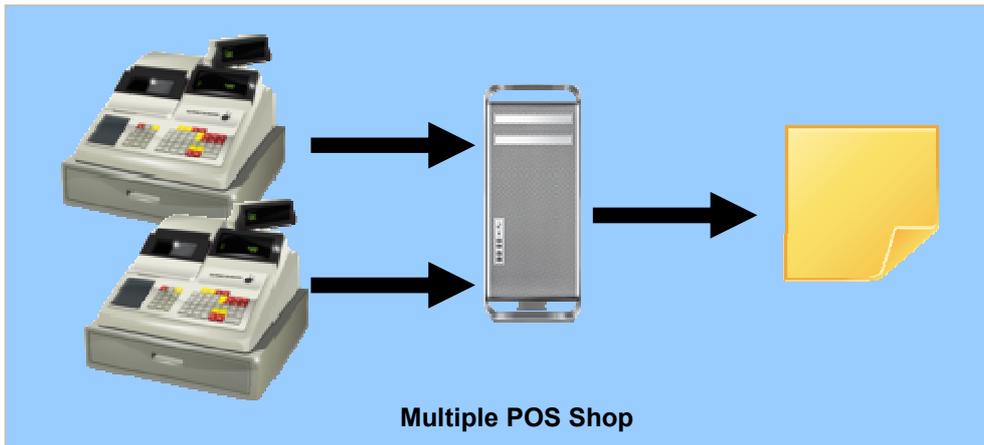
1.3   Data Format

The content of the file is text format. The fields are to be separated by the pipe character "**|**", e.g. **123456|7890**

Fields	Type	Remarks
Client ID (12 digits)	String	ID for client. This is to be assigned by the landlord. Eg. 888899999999. (12 digits)
Business Date	String	YYYYMMDD – date of business. E.g. 19th May 2013 will be generated as 20130519
Sequence No.	Integer	Running number starting from 1 for every new day. This is to indicate the number of times the daily record is done for the same date. It will be 1 for first time. If the POS is re-opened for additional sales and closed again, a 2nd record must be generated with this field being set as 2 and the amount of the 2nd total excluding the first total. This will allow the server to add this 2nd record to the 1st.

If the seq # is the same as previous, e.g. seq # 1 was sent with $12.00, and another file was sent again with also seq# 1 but with $28.00, then the system will take the final sales as $28.00. |
Transaction Count	Integer	Total nett transaction count (after all voids and refunds) **Do not include** comma for thousands.
Total Nett Sales	Float e.g. 12345.99	Total nett sales amount (after all discounts, voids and refunds) This amount should **include GST and Service Charge**) **Do not include** comma for thousands.
Total GST Amount	Float e.g. 12345.99	Total GST amount (after all voids and refunds). This is cumulative sum of the GST of each valid sales receipts. (See example below). To verify the GST amount, it would be calculated as $(G * NettSales) / (100 + G)$, where G is the GST rate (e.g. 7%). If GST rate is 7%, then it would be $(7 * NettSales) / (100 + 7)$. E.g. NettSales is 107.00, then GST Amount would be calculated as $(7 * 107.00) / (100 + 7) = 7.00$ Note that this is a calculation to verify only. The cumulative GST may differ slightly due to rounding in each sales receipt. **Do not include** comma for thousands.

Example (Retail type):

```
Receipt 1:

Item A          10.00
Item B          20.00
  Disc          -2.00
------------------
Due:            28.00   (nett
sales)


(incl GST)       1.83   (GST)
```

```
Receipt 2:

Item C          15.00
------------------
Due:            15.00   (nett
sales)

(incl GST)       0.98   (GST)
```

Nett Sales = 28.00 + 15.00 = 43.00
GST = 1.83 + 0.98 = 2.81

888899999999|20130519|1|2|43.00|2.81

Example (F&B type):

```
Receipt 1:

Item A          10.00
Item B          20.00
  Disc          -2.00
------------------
SubT:           28.00
10% Serv Chg     2.80
------------------
                30.80
GST              2.16   (GST)
==================
Due:            32.96   (Nett
Sales)
```

```
Receipt 2:

Item C          15.00
------------------
SubT:           15.00
10% Serv Chg     1.50
------------------
                16.50
GST              1.16
(GST)
==================
Due:            17.66
(Nett Sales)
```

Nett Sales = 32.96 + 17.66 = 50.62
GST = 2.16 + 1.16 = 3.32

888899999999|20130519|1|2|50.62|3.32

'Note:

If there is **no sale** for that day, a file must still be generated with zero for Transaction
Count, Total Nett Sales and Total GST Amount, e.g:

888899999999|20130520|1|0|0.00|0.00

1.4   Sending of Files

The generated files are to be sent via VLAN to the Mall POS server.

Once your program is ready for the file generation, you are required to send a test file for verification and confirmation. Once verified correct, we will schedule with you to install the client broker program on your Microsoft Windows POS machine.

You are also to ensure that the files be sent once unless re-generation is requested by the mall, due to missing sales or incorrect data received.

1.5   Re-generation of Files

In some cases, there may be a need for you to re-generate the file for sending. Your program must be able to allow re-generation of any date if requested.

1.6   Exclusion of Sales Data

In some cases, there may be some data to be excluded (e.g. staff meals / purchases, vouchers, etc), which the tenant must instruct the POS vendor to exclude them before exporting.