

NU SENTRAL

HOURLY GTO POS INTERFACE SPECIFICATIONS VER 1.0

Retailer's existing P OS System Interface Requirements

1. The designated Point of Sales (POS) terminal or server should be running on Windows 98/2000/ XP/Vista/7 environment or Linux or Unix platform.
2. The POS terminal or server must hold a dedicated network card.
3. You may incur a one off cost if an interface computer program is required to ensure your sales data is transferred to our server in accordance with the requirements below.

Sales File Generation / Transmission Requirements

1. POS terminal should generate 1 transaction file in text format daily (see Hourly GTO File Specifications below for more information).
If you have more than 1 POS terminal in your shop, the sales transactions of all POS units must be consolidated into 1 file from a designated Server/POS before FTP transmission to Management Server.
2. Your POS system must have to ability to store backup files in circumstances where your FTP is not able to upload successfully (i.e network server not functioning). Your POS machine should automatically transfer all missing FTP sales data when the connection is rectified.
3. You must contact CMO immediately if your POS system is down and not able to FTP data. All data must be stored and sent through when your system is rectified.
4. Sales file must be generated automatically at Day Closing (without pressing of button or User intervention).
5. Generated sales file must be transmitted automatically at Day Closing (without pressing of button or User intervention).
6. In case of outlet closure or no sales, POS Interface program should have the capability to upload sales files with "0 Sales"
7. If there are 2 or more shifts of cashiering, Interface program must generate only **1** file at end day CLOSING.
8. You must ensure that sales files are uploaded from 1st day of business commencement and on daily basis.

Hourly GTO File Specifications

File Name (For Windows/Linux Operating system PC POS):

XXXXXXXX_YYYYMMDD_hhmmss.txt (e.g. 1234567_20080823_213055.txt)

XXXXXXXX – the tenant Machine ID number (to be assigned by Mall Management)

YYYY – 4-digit year (e.g. 2008 means year 2008)

MM – 2 digit month (e.g. 08 means August month)

DD – 2 digit day (e.g. 01, 03, 21 means days)

hhmmss – Hour, Minute and Seconds (e.g. 213055 means 9.30pm 55 seconds, the file is generated from the POS machine)

Data Format in the file: Information of hourly total written to a text file will include:

Field	Field Name	Type	Max Width	Format
1	Machine ID (provided by Mall Management)	Numeric	8	99999999
2	Date	Numeric	8	DDMMYYYY
3	Batch ID *	Numeric	12	999999999999
4	Hour	TEXT	4	9999 (from 0059 to 2359)
5	Receipt (Number of transactions/receipts issued within the hour)	Numeric	12	999999999999
6	GTO Sales (Nett sales amount after Discount and before GST. Include service charge for F&B only)	Numeric	12	999999999.99
7	GST	Numeric	12	999999999.99
8	Discount	Numeric	12	999999999.99
9	No. of Pax for F&B only	Numeric	12	999999999999 (0 for non F&B)

All fields should be separated by “|”

* **Batch ID:** It should be a sequential number starting from 1 for the first file generated. It should be incremented by 1 for each subsequent file generated. It should be unique meaning that no 2 days can have same batch ID.

In case of **reloaded sales** file, **Batch ID should be same** as in previously uploaded file for a particular sales date.

Refund: In case of refund, sales amount should be deducted from current sales amount. For example,

Refund Transaction details:

Sales date & time: 10/08/2011 10:00

GTO: 200.00

Refund date & time: 15/08/2011 15:20

Net Sales for 15/08/2011 1559: 600.00

GTO for 15/08/2011 1559: $600.00 - 200.00 = 400.00$

*Note: In case of shop closure or no sales, sales data has to be uploaded with 0 sales. In case of any amendments in sales figures, tenant has to regenerate and upload the data by end of the month and **Batch ID should be same** as in previously uploaded file for a particular sales date.*

Example of sales file

Filename: 1234567_20080823_213055.txt

Data:

1234567|23082008|121|0059|10|2000.12|140.01|200.00|30
1234567|23082008|121|0159|0|0.00|0.00|0.00|0
1234567|23082008|121|0259|10|2002.00|140.14|0.00|10
1234567|23082008|121|0359|0|0.00|0.00|0.00|0 1234567|23082008|121|0459|0|0.00|0.00|0.00|0
1234567|23082008|121|0559|20|1200.00|84.00|30.00|3
1234567|23082008|121|0659|1|10.00|0.70|56.00|2
1234567|23082008|121|0759|0|0.00|0.00|0.00|0 1234567|23082008|121|0859|0|0.00|0.00|0.00|0
1234567|23082008|121|0959|0|0.00|0.00|0.00|0 1234567|23082008|121|1059|0|0.00|0.00|0.00|0
1234567|23082008|121|1159|5|1200.00|84.00|145.90|34
1234567|23082008|121|1259|10|2121.00|148.47|60.00|10
1234567|23082008|121|1359|2|112.00|7.84|15.00|6
1234567|23082008|121|1459|0|0.00|0.00|0.00|0 1234567|23082008|121|1559|0|0.00|0.00|0.00|0
1234567|23082008|121|1659|0|0.00|0.00|0.00|0
1234567|23082008|121|1759|1|111.00|7.77|30.00|60
1234567|23082008|121|1859|20|2122.00|148.54|230.00|74
1234567|23082008|121|1959|1|131.00|9.17|20.00|10
1234567|23082008|121|2059|5|876.00|61.32|25.50|5
1234567|23082008|121|2159|20|1242.00|86.94|10.00|4
1234567|23082008|121|2259|0|0.00|0.00|0.00|0 1234567|23082008|121|2359|0|0.00|0.00|0.00|0

Example of “0” sales file

Filename: 1234567_20080823_213055.txt

Data:

```
1234567|23082008|121|0059|0|0.00|0.00|0.00|0 1234567|23082008|121|0159|0|0.00|0.00|0.00|0
1234567|23082008|121|0259|0|0.00|0.00|0.00|0 1234567|23082008|121|0359|0|0.00|0.00|0.00|0
1234567|23082008|121|0459|0|0.00|0.00|0.00|0 1234567|23082008|121|0559|0|0.00|0.00|0.00|0
1234567|23082008|121|0659|0|0.00|0.00|0.00|0 1234567|23082008|121|0759|0|0.00|0.00|0.00|0
1234567|23082008|121|0859|0|0.00|0.00|0.00|0 1234567|23082008|121|0959|0|0.00|0.00|0.00|0
1234567|23082008|121|1059|0|0.00|0.00|0.00|0 1234567|23082008|121|1159|0|0.00|0.00|0.00|0
1234567|23082008|121|1259|0|0.00|0.00|0.00|0 1234567|23082008|121|1359|0|0.00|0.00|0.00|0
1234567|23082008|121|1459|0|0.00|0.00|0.00|0 1234567|23082008|121|1559|0|0.00|0.00|0.00|0
1234567|23082008|121|1659|0|0.00|0.00|0.00|0 1234567|23082008|121|1759|0|0.00|0.00|0.00|0
1234567|23082008|121|1859|0|0.00|0.00|0.00|0 1234567|23082008|121|1959|0|0.00|0.00|0.00|0
1234567|23082008|121|2059|0|0.00|0.00|0.00|0 1234567|23082008|121|2159|0|0.00|0.00|0.00|0
1234567|23082008|121|2259|0|0.00|0.00|0.00|0 1234567|23082008|121|2359|0|0.00|0.00|0.00|0
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