

Appendix A: POS SPECIFICATION FOR JURONG POINT

System requirement from the tenant

1. The designated Points of Sale (here rafter as POS) terminal or server should be running on Windows 98, 2000 or XP or Vista environment.
2. The tenant is to ensure that there is a dedicated network card in the POS terminal or server.
3. The tenant's POS vendor is to ensure the LAN point is plugged into Jurong Point's network.
4. Additional costs incurred from the integration of the POS shall be borne by the tenant. The Landlord and its Managing Agent for Jurong Point shall not be liable for any charges.
5. Tenant shall employ own contractor to lay the cable from the ceiling to the kiosk/ counter.

System integration daily operation flow for tenant

1. Each POS terminal will generate 1 transaction file text format (Please refer to enclosed "Hourly Transaction file specifications" for more details) without any other extension for every end-of-day closing.
2. If there are more than 2 POS terminal in 1 tenant's outlet, the sales transactions of all POS must be consolidated into 1 file at designated PC or Server or POS before FTP transmission to Jurong Point's Server.
3. The Tenant's POS is required provide a function to FTP the file to a designated server FTP address with user ID password access. Tenant can choose to FTP between 6pm to 11.59am the next day.
4. The DDMMYYYY (e.g. 10092005) or NNN (e.g 000 to 999) data format of the uploaded file name will always be changed according to the date the file is generated.
5. It is compulsory that the Tenant's POS vendor creates a function where - If the end of day sales is not able to FTP upload successfully due to the network server not functioning, tenant has to store the backup file at the POS till the next working day when the server network is up. The Tenant's POS will automatically FTP upload the missing days' sales together with the current day's sales, failing which the mall's POS vendor, DCS Synthesis Pte Ltd, will install a FTP Program to pick the files from the folder and send it to Jurong Point's server.
6. In the event when the Tenant's POS is not operational due to technical problem and is not able to FTP sales data from the outlet or HQ, the Tenant's representative is to update the Centre Management of Jurong Point immediately. The Tenant is to FTP the missing day sales to the FTP site once his POS resumes operations.
7. Tenant/vendor has to take note that text file has to be generated automatically upon day-end / z-closing or at scheduled intervals.

Please contact DCS Synthesis Pte Ltd, Ms Sidney 63455437 / 66520073 or Mr Kai 62827655, if you require further clarifications or assistance.

Hourly Transaction File Specifications

File Format:

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

XXXXXXXXXXYYYYMMDD.txt (e.g. 1234567820080823)

XXXXXXXX – the tenant number (to be assigned by Centre Management Office)

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)

Data Format in the file:

Field	Field Name	Type	Max Width	Format
1	Machine ID	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 Count **	Numeric	12	999999999999
6	GTO ***	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)

***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.

**** Receipt Count:** Total count of receipt issued within the hour.

***** GTO:** NETT sales amount (that excludes GST and includes service charge if any.)

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 re-generate and upload the data by end of the month.

Example of a file format from tenant

12345678|23082008|121|0059|10|2000.12|140.01|200.00|30
12345678|23082008|121|0159|0|0.00|0.00|0.00|0
12345678|23082008|121|0259|10|2002.00|140.14|0.00|10
12345678|23082008|121|0359|0|0.00|0.00|0.00|0
12345678|23082008|121|0459|0|0.00|0.00|0.00|0
12345678|23082008|121|0559|20|1200.00|84.00|30.00|3
12345678|23082008|121|0659|1|10.00|0.70|56.00|2
12345678|23082008|121|0759|0|0.00|0.00|0.00|0
12345678|23082008|121|0859|0|0.00|0.00|0.00|0
12345678|23082008|121|0959|0|0.00|0.00|0.00|0
12345678|23082008|121|1059|0|0.00|0.00|0.00|0
12345678|23082008|121|1159|5|1200.00|84.00|145.90|34
12345678|23082008|121|1259|10|2121.00|148.47|60.00|10
12345678|23082008|121|1359|2|112.00|7.84|15.00|6
12345678|23082008|121|1459|0|0.00|0.00|0.00|0
12345678|23082008|121|1559|0|0.00|0.00|0.00|0
12345678|23082008|121|1659|0|0.00|0.00|0.00|0
12345678|23082008|121|1759|1|111.00|7.77|30.00|60
12345678|23082008|121|1859|20|2122.00|148.54|230.00|74
12345678|23082008|121|1959|1|131.00|9.17|20.00|10
12345678|23082008|121|2059|5|876.00|61.32|25.50|5
12345678|23082008|121|2159|20|1242.00|86.94|10.00|4
12345678|23082008|121|2259|0|0.00|0.00|0.00|0
12345678|23082008|121|2359|0|0.00|0.00|0.00|0

Acknowledged by (Sign and Chop):

Tenant POS Representative Name:

Tenant POS Representative Contact No.: