

## File Specification (from mall POS backend to CMA POS Server)

### 1.1 Transaction File Naming Convention Specifications

Position	Size	Description
1	1 char	Document Type “D” for Daily Transaction File
2 to 8	7 char	Machine ID  This is a unique identifier assigned to individual POS System provided by the CMT. Format of Machine ID is made up of 7 numeric characters.  Example of Machine ID: <b>1321000</b>
9	1 char	Constant “.”
10 to 12	3 num	File Serial Number  3 numerals at the end of the filename to differentiate each daily file sent to the FTP server.  Example: <filename>.XXX  “XXX” shall be a running number incremented by 1 each time a file is generated and sent. The number should start from “000” and once it reaches “999”, the number will be reset to “000” and increase from there again.

### 1.2 Daily Transaction File Format Specification

The exported file shall be a text file with fixed-length fields in the following format:

Field No.	Type Size	Position	Field	Description
1	Character (1)	1	Document Type	“D” for Daily Transaction File
2	Numeric (7)	2 - 8	Machine ID	Unique identifier assigned to individual POS System across the mall.  Format of Machine ID is made up of 7 numeric characters and this ID is assigned to the tenant by the Mall  Example of Machine ID: <b>1321000</b>
3	Date (8)	9 - 16	Transaction Date	Date of sales transaction adopting “YYYYMMDD” format.  Example:

				20050928 (28 Sept 2005)
4	Numeric (11) 99999999.99	17 - 27	Sales Amount	This is the defined as:  Gross Sales less Discount plus Service Charges (if any) before tax (i.e. GST or CESS)

### 1.3 Example

For Retail tenant A:

Total sale for a day is RM2000.00 after deducting GST

Field	Data
Machine ID	1321000
Transaction Date	20140506 (means 06 May 2014)
Sale Amount after deducting GST	RM2000.00

Sample Filename: D1321000.000

Sample Data: D13210002014050600002000.00