



- *ISS45 ASCII Extracts*
- *For Versions 7 and 8*
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ISS45 ASCII Extracts for V7 and V8

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Address comments and corrections to:

StoreNext Retail Technologies LLC
ISS45 Program Director
1250 East Arques Avenue
M/S 363
Sunnyvale, CA 94085

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1. INTRODUCTION

1.1. Management Summary

- 1.1.1. This document lists the enhancements to StoreLine to build a utility that extracts Item Movement from V8/V7 and Item/Department file from V7 during EOD/EOW.
- 1.1.2. This utility will extract the information based on parameters to allow a flexible use.
- 1.1.3. The base version for this change is V8.X (On going version).

1.2. Requirements

- 1.2.1. Have an extract that includes Daily/Weekly sales information for all the items sold during the period.
- 1.2.2. The utility needs to run using the End Of Day hook.
- 1.2.3. The utility will generate ASCII file in fixed length with comma delimited.
- 1.2.4. Each file name will reflect the type and date of the data in it.
- 1.2.5. The file will be saved in the ...\\Office\\Export, unless a different path is selected.
- 1.2.6. The ability to run the utility manually in order to regenerate the required information based on parameters (file type, period, start date, end date, date request).
- 1.2.7. The content of the files for movement will have all the fields from the DAY_PLU_SALES and WEEK_PLU_SALES tables in V8.
- 1.2.8. In order to extract Items/Departments files from V7 we will use the new read method from the Plu ActiveX

1.3. Issues and Assumptions

- 1.3.1. The utility will be part of the Storeline application. No separate installation will be needed.
- 1.3.2. The utility will need to be able to run within the menu with a parameter for Date Request.
- 1.3.3. The utility will run locally at every store.
- 1.3.4. In order to run the extract application manually, a new entry has to be added to the User Defined Menus (Technical Menu). If this option needs to be added to the Main (Default) Menu, a special utility needs to be run.

2. SUMMARY OF CHANGES

2.1. Introduction

- 2.1.1. The StoreLine changes required are summarised in this section. The detailed changes for Front Office are described in sections 3 & 4 respectively. All amendments to message, screens are defined in appendices A, and B respectively.

2.2. Areas of Change - Storeline

- 2.2.1. General System Parameter: Store \ Front Office \ EOD \ Period \ Path for movement extract.
- 2.2.2. The parameter described in 2.2.1 will override the default path (...\\Office\\Export).
- 2.2.3. A new SLExtrct.exe utility to run script (in V8) or process (in V7) to extract Items/Department and movement from the database. Version 7 also requires the Saleext7.exe utility.

- 2.2.4. A new internal hook that runs during EOD will launch the application in 2.2.3. If EOW is encountered then EOW process will be followed.

3. PROCESSING – Front Office

3.1. Implementation

- 3.1.1. No implementation issues are known at this time.

3.2. General System Parameters

- 3.2.1. General System Parameter: Store \ Front Office \ EOD \ Period \ Path for PLU Movement Extract.
- 3.2.2. In version 8 the default of this parameter will be the path to the Export Folder on the Storeline application. V7 is hard coded – C:\PCMaster\Seq.

3.3. SLExtrct.exe Application

- 3.3.1. SLExtrct.exe will have parameters in the command line:

Parameter	Meaning	Available		Can be combined with
		V7	V8	
No parameter	The default in this case is day movements for last working date			-
-DT	Will prompt the user to enter a date of movements	-	+	-PD / -PW
-PD	Will extract day movements	+	+	-DT / -FD / -FD and -TD
-PW	Will extract week movements	+	+	-DT / -FD / -FD and -TD
-FDmm/dd/yyyy	The specific date from which to get the movements. If combined with -TD parameter, will get the movements within the range, if not – will get only the movements of that date	-	+	-PD / -PW / -TD
-TDmm/dd/yyyy	The specific date to which the movements will be extracted. Cannot come by itself, only with -FDmm/dd/yyyy parameter.	-	+	-PD / -PW / -FD
-I	Creates item file from V7 database	+	-	-
-D	Creates departments file from V7 database	+	-	-

- The date format will always be mm/dd/yyyy. If a week's movement is required with a date, the application will get the first day of week of that date, and get it's week's movements. This is because the week's movements are saved with the date of the first day of the week, according to the system parameter "End Of Week's Day" (the first day of the week is the day after that).
- 3.3.2. The application will be located in the C:\PCMaster\Drv32 directory, and it will have log file in the c:\pcmaster\log directory by the name of SLExtrct.log. For Version 7, the SaleExt7.exe must be placed in the C:\PCMaster directory.
- 3.3.3. In order to create the movement files, the utility will run a script file that contains a creation of a stored procedure. Then it will run this stored procedure with the parameters passed to the

application run command. The script file name is IMExtract.sql and it will be located in C:\PCMaster\Files directory.

- 3.3.4. In V8 system, the day movements will be extracted from the DAY_PLU_SALES table, and the week movements will be extracted from the WEEK_PLU_SALES table. In V7 system the day movements can only be taken from the last work date, and the week movements can only be taken from the last week, therefore there's no need to pass date parameters in V7 system.
- 3.3.5. The item file in V7 system will be extracted through a new read method in the Plu ActiveX Control. We need to enhance the object to support ReadFirst, ReadNext and by that running on the plu file from QDX and creating an ASCII file including all the fields existing in the interface. The same mechanism will run for the V7 department file. We need to enhance the Department ActiveX and add it to the interface so that we will be able to run through the department file in QDX and create an ASCII file as well.
- 3.3.6. In order to run the application manually, a new menu entry has to be added to the User Defined Menus (Appendix B).
- 3.3.7. The extracted file name conventions are:
- Day movements: *DYMVmmdd.yy*
 - Week movements: *WKMVmmdd.yy*
 - Item file (from V7 version only): *ITEMmmdd.yy*
 - Department file (from V7 version only): *DEPTmmdd.yy*
 - *mmdd.yy* in the file name is the date the file was created for, i.e. if the day movements file was created for the date March 20, 2002 the file name will be *DYMV0320.02*, even if it was created on a later date.

3.4. Movement Files Format (Daily and Weekly)

The movement files are ASCII files in a fixed format. The fields are delimited by a comma (,) and the records are delimited by CRLF.

The movement files format is based on the fields of DAY_PLU_SALES / WEEK_PLU_SALES:

Field	Length
DT	19
ITM_ID	20
SLS_PRC	30
UNT_QTY	30
WGT_ITM_FG	5
SLS_AMT	30
SLS_QTY	30
ASSGN_PROM_AMT	30
ASSGN_PROM_QTY	30
ACTL_PROM_AMT	30
ACTL_PROM_QTY	30
DISC_AMT	30

DISC_QTY	30
PRC_OVRD_AMT	30
PRC_OVRD_QTY	30
REDUCED_PROM_QTY	30
ON_SALE_AMT	30
ON_SALE_QTY	30
ON_SALE_MARKDOWN_AMT	30
ITM_SCANN_QTY	30
ITM_KEYD_QTY	30
RTN_AMT	30
RTN_QTY	30
CPN_AMT	30
CPN_QTY	30
COST_CASE_PRC	30
UNIT_CASE	30
RCPT_DESCR	20

3.5. Items File Format

The items file is an ASCII file in a fixed format. The fields are delimited by a comma (,) and the records are delimited by CRLF.

The file format is based on the item properties:

Field	Length
Item ID	13
Department ID	3
Receipt Description	20
Tax Rate 1 Flag	1
Tax Rate 2 Flag	1
Tax Rate 3 Flag	1
Tax Rate 4 Flag	1
Tax Rate 5 Flag	1
Tax Rate 6 Flag	1
Tax Rate 7 Flag	1
Tax Rate 8 Flag	1
Food Stamp Flag	1
None Merchandise ID	10
Decimal Quantity Flag	1
Negative Entry Flag	1
Store Coupon Flag	1

Vendor Coupon Flag	1
WIC Flag	1
Assume Quantity Flag	1
Sale Authorize Flag	1
Manual Price Flag	1
Quantity Required Flag	1
Weighted Item Flag	1
Inhibit Quantity Flag	1
None Discount Flag	1
Bonus Coupon Flag	1
Cost Plus Flag	1
Price Verify Flag	1
Price Override Flag	1
Supplier Promotion Flag	1
Save Discount Flag	1
Item On Sale Flag	1
Retail Price	9 (format #.##)
Center Price	9 (format #.##)
Unit Quantity	2
Return Code	3
Family ID	3
Discount ID	3
QDX Frequent Shopper Value	10
Frequent Shopper Type	3
Tare Weight Number	3
Internal ID	13
Second Family ID	3
POS Message ID	3
Sale Restriction ID	2
Frequent Shopper Limit	3
Comparison Type	5
Comparison Price	9
Comparison Quantity	9
Comparison Date	10 (format yyyy-mm-dd)
DEA Group	10
Mix Match ID Five Digit	5
Exclude Minimum Purchase Flag	1

Item Points	10
Price Group ID	5
Original Price	9
Original Unit Quantity	3
SSP Product Flag	1
Supervisor Authorization Required Flag	1

3.6. Departments File Format

The departments file is an ASCII file in a fixed format. The fields are delimited by a comma (,) and the records are delimited by CRLF.

The file format is based on the department properties:

Field	Length
Department ID	3
Description	18
Tax Rate 1 Flag	1
Tax Rate 2 Flag	1
Tax Rate 3 Flag	1
Tax Rate 4 Flag	1
Tax Rate 5 Flag	1
Tax Rate 6 Flag	1
Tax Rate 7 Flag	1
Tax Rate 8 Flag	1
Payment With Food Stamp Flag	1
None Merchandise Department Flag	1
Negative Flag	1
Decimal Flag	1
Weighted Flag	1
Discount Flag	1
WIC Flag	1
Active Flag	1
Cost Plus Flag	1
Report Price Changes to Head Office Flag	1
Staff Discount Disallow Flag	1
Club Card Points Disallowed Flag	1
Counter Flag	1
Scan Disallowed Flag	1
Trade Illegal Flag	1

Maximum Amount	9 (format #.##)
Minimum Amount	9 (format #.##)
Maximum Amount Control Check	2
Minimum Amount Control Check	2
Discount Number	2
Extended Promotion Number	5
Extended Bucket Number	5
Internal Number	13
Restriction Layout	2
Fuel Group ID	3
Participate Flag	1
Store Coupon Flag	1

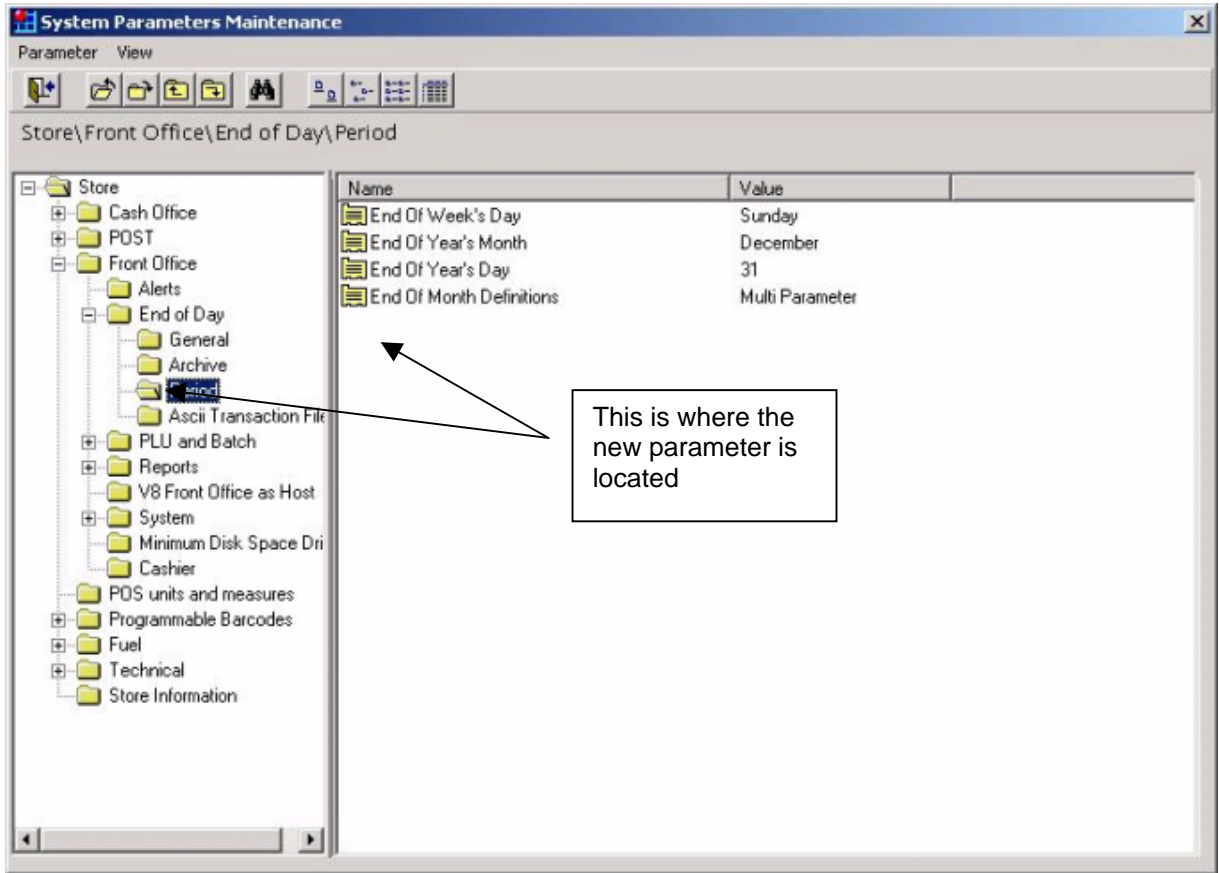
4. PROCESSING – POS

4.1. Process at POS

No changes needed at the POS.

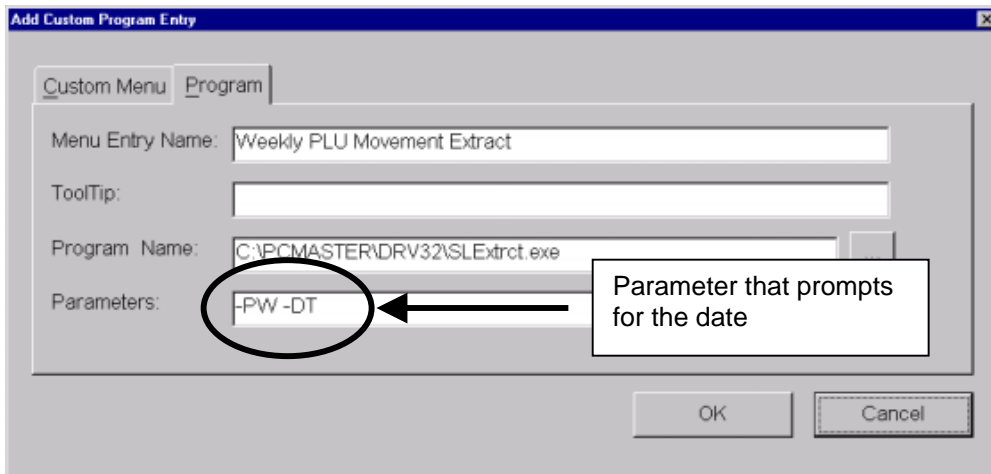
5. APPENDIX A – General System Parameters

5.1. Path for Weekly PLU Movement Extract Parameter

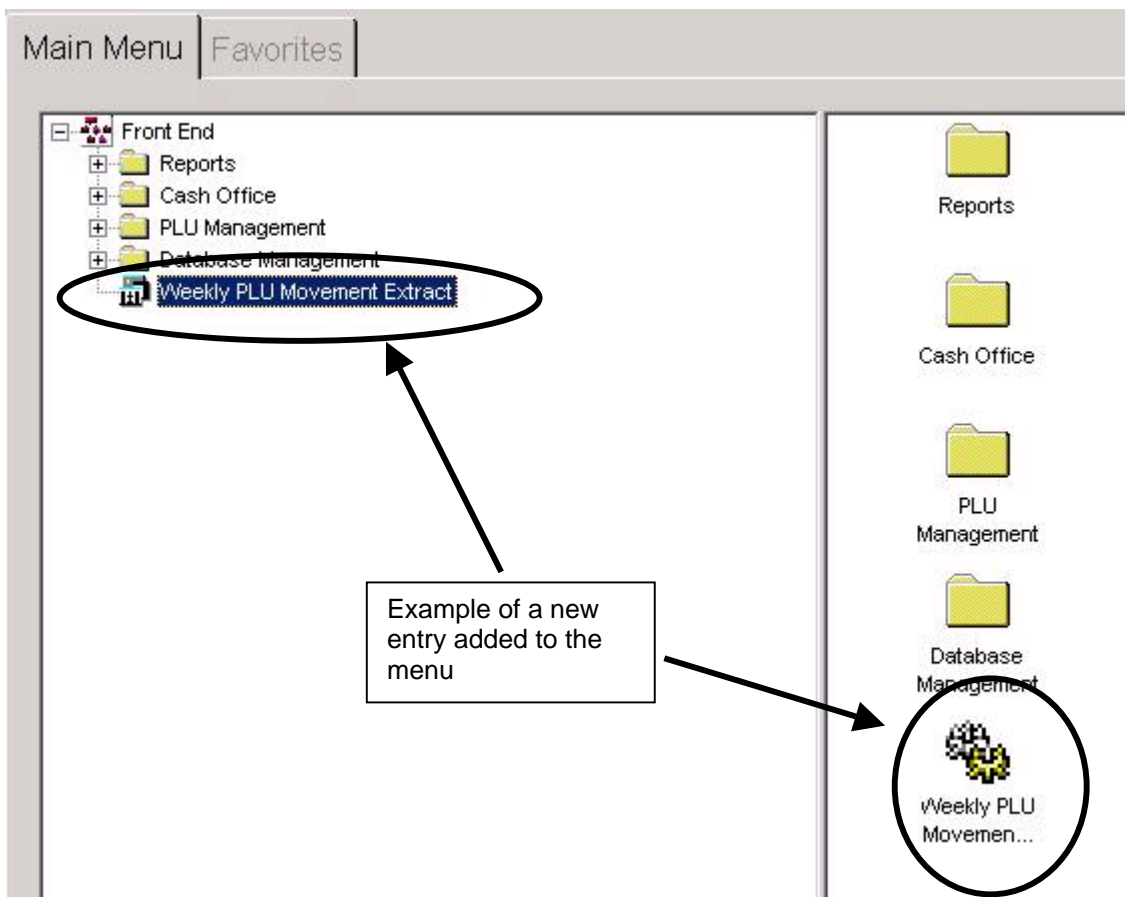


6. APPENDIX B – Special Menus

6.1. Settings for the new entry



6.2. New entry in the Special Menu



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StoreNext Retail Technologies LLC
1250 East Arques Avenue, M/S 363
Sunnyvale, CA 94085

P/N 89000117
PIN 45001/066