

Report: Class Detail by Date by Class

Below is an overview of the Class Detail by Date by Class report. General information on what fields are available, what they do and what data is presented in the report.

Path: POS-RP-1-3-1

Purpose: This report is used to display high level information of class dollar amounts per day.

Output: Class, Class Description, Sales, Returns, Net Sales, Markdowns, Discounts, Class Net, Cost, Quantity and Margin.

POS-RP-DCS-DETAIL.BY.DATE										
	CLASS									
CLASS.	DESCRIPTION.....	SALES	RETURNS	NET SALES	MARKDWSN	DISCNTS	CLASS NET	COST	QTY	MARGIN
100	Custom Materials (Co	295.75	-18.25	277.50	0.00	0.00	277.50	217.90	14	21.477
101	New Textbooks	5,657.99	-786.24	4,871.75	0.00	0.00	4,871.75	2,815.52	78	42.207
102	Used Textbooks	319.25	0.00	319.25	0.00	0.00	319.25	188.34	6	41.005
300	Art Tech	95.89	0.00	95.89	0.00	0.00	95.89	49.65	27	48.221
301	Kit: Art, COSMO, etc	27.97	0.00	27.97	0.00	0.00	27.97	14.32	3	48.802
302	Office Supplies	87.47	0.00	87.47	0.00	0.00	87.47	46.72	33	46.587
303	Paper, Notebooks, Bi	156.50	-5.19	151.31	0.00	-7.50	143.81	83.13	29	42.194
304	Test Forms	405.64	0.00	405.64	0.00	0.00	405.64	204.53	350	49.578
305	Writing Instruments	101.65	0.00	101.65	0.00	0.00	101.65	54.63	70	46.256
400	Clothing	321.89	-10.00	311.89	0.00	-2.40	309.49	147.09	13	52.473
401	Backpacks, Bags	114.98	0.00	114.98	0.00	0.00	114.98	67.60	2	41.207
502	Emblamatic	14.96	0.00	14.96	0.00	0.00	14.96	6.95	4	53.542
503	General Gifts	112.83	0.00	112.83	0.00	0.00	112.83	56.51	7	49.915
600	Consumer Electronics	368.88	0.00	368.88	0.00	0.00	368.88	255.23	12	30.809
603	Digital / Computer S	1.99	0.00	1.99	0.00	0.00	1.99	0.90	1	54.773
700	Health & Beauty	21.07	0.00	21.07	0.00	0.00	21.07	12.10	13	42.572
701	Snacks	289.17	0.00	289.17	0.00	-3.98	285.19	168.33	174	40.976
702	Taxable Snacks	50.69	0.00	50.69	0.00	-1.04	49.65	29.32	26	40.946
802	CAMPUS PRINT	73.00	0.00	73.00	0.00	0.00	73.00	0.00	73	100.000
804	Counseling CARDS	590.00	0.00	590.00	0.00	0.00	590.00	0.00	20	100.000
805	FEE CARDS	18.00	0.00	18.00	0.00	0.00	18.00	0.00	2	100.000
808	MISCELLANEOUS	0.00	29.02	29.02	0.00	0.00	29.02	0.00	3	100.000
809	CRV Codes	3.10	0.00	3.10	0.00	0.00	3.10	0.00	61	100.000
ERROR	ERROR	39.98	0.00	39.98	0.00	0.00	39.98	21.00	2	47.473
101	New Textbooks	3,029.00	0.00	3,029.00	0.00	0.00	3,029.00	2,324.09	79	23.272
102	Used Textbooks	93.75	0.00	93.75	0.00	0.00	93.75	62.50	1	33.333
304	Test Forms	77.70	-7.40	70.30	0.00	0.00	70.30	42.03	38	40.213
305	Writing Instruments	3.63	0.00	3.63	0.00	0.00	3.63	1.87	6	48.484
Total for 09/11/18		12,372.73	-798.06	11,574.67	0.00	-14.92	11,559.75	6,870.26	1147	0.000
		12,372.73	-798.06	11,574.67	0.00	-14.92	11,559.75	6,870.26	1147	0.000
28 records listed.										

What makes it unique from the other class reports is the formatting when it spans multiple days. The focus is on the date, then the class totals. So the report displays the first date with all class totals, then the next day with its class totals, etc.

The screenshot below shows data on two days.

POS-RP-DCS-DETAIL.BY.DATE

CLASS	DESCRIPTION	SALES	RETURNS	NET SALES	MARKDWS	DISCNTS	CLASS NET	COST	QTY	MARGIN
100	Custom Materials (Co	1,383.00	-39.00	1,344.00	0.00	0.00	1,344.00	1,193.28	66	11.214
101	New Textbooks	26,206.74	-1,204.07	25,002.67	0.00	-9.15	24,993.52	19,128.15	285	23.467
102	Used Textbooks	3,610.00	-225.00	3,385.00	20.75	0.00	3,405.75	1,973.43	92	42.055
300	Art Tech	345.58	0.00	345.58	0.00	0.00	345.58	188.45	68	45.468
301	Kit: Art, COSMO, etc	21.48	0.00	21.48	0.00	0.00	21.48	11.37	2	47.067
302	Office Supplies	258.34	0.00	258.34	0.00	0.00	258.34	134.31	94	48.010
303	Paper, Notebooks, Bi	254.49	5.99	260.48	0.00	0.00	260.48	142.40	62	45.331
304	Test Forms	462.10	0.92	463.02	0.00	0.00	463.02	235.74	415	49.086
305	Writing Instruments	343.85	0.99	344.84	0.00	0.00	344.84	188.80	170	45.249
400	Clothing	433.85	0.00	433.85	0.00	0.00	433.85	200.95	16	53.682
401	Backpacks, Bags	83.98	0.00	83.98	0.00	0.00	83.98	49.75	2	40.759
501	Greeting Cards	5.95	0.00	5.95	0.00	0.00	5.95	2.98	1	49.915
502	Emblamatic	56.15	0.00	56.15	-5.40	0.00	50.75	29.97	8	40.945
503	General Gifts	243.11	0.00	243.11	0.00	0.00	243.11	117.31	12	51.746
600	Consumer Electronics	399.62	0.00	399.62	0.00	0.00	399.62	226.41	38	43.343
700	Health & Beauty	38.87	0.00	38.87	0.00	-0.69	38.18	20.61	23	46.018
701	Snacks	580.79	0.00	580.79	0.00	-7.91	572.88	343.38	334	40.060
702	Taxable Snacks	66.88	0.00	66.88	0.00	-2.55	64.33	36.80	38	42.794
802	CAMPUS PRINT	197.00	0.00	197.00	0.00	0.00	197.00	0.00	197	100.000
803	GIFT CARD	109.37	0.00	109.37	0.00	0.00	109.37	0.00	1	100.000
804	Counseling CARDS	565.00	0.00	565.00	-15.00	0.00	550.00	0.00	15	100.000
805	FEE CARDS	447.00	0.00	447.00	0.00	0.00	447.00	0.00	26	100.000
808	MISCELLANEOUS	0.00	12.04	12.04	0.00	0.00	12.04	0.00	-2	100.000
809	CRV Codes	5.35	0.00	5.35	0.00	0.00	5.35	0.00	101	100.000
810	SCHEDULES	2.00	0.00	2.00	0.00	0.00	2.00	0.00	1	100.000
Total for 09/04/18		36,120.50	-1,448.13	34,672.37	0.35	-20.30	34,652.42	24,224.09	2065	0.000
100	Custom Materials (Co	976.25	-20.50	955.75	0.00	0.00	955.75	777.94	45	18.604
101	New Textbooks	20,970.96	-549.25	20,421.71	0.00	-13.91	20,407.80	15,618.77	252	23.466
102	Used Textbooks	3,447.75	-536.50	2,911.25	0.00	0.00	2,911.25	1,581.99	76	45.659
202	QUICK STUDY GUIDES	20.85	0.00	20.85	0.00	0.00	20.85	10.93	3	47.577
300	Art Tech	159.85	0.00	159.85	0.00	0.00	159.85	84.82	41	46.937
301	Kit: Art, COSMO, etc	14.99	0.00	14.99	0.00	0.00	14.99	7.97	1	46.831
302	Office Supplies	221.36	-3.99	217.37	0.00	0.00	217.37	113.25	70	47.899
303	Paper, Notebooks, Bi	308.40	0.00	308.40	0.00	-1.32	307.08	171.60	70	44.118
304	Test Forms	442.42	0.00	442.42	0.00	0.00	442.42	224.43	384	49.272
305	Writing Instruments	278.54	0.00	278.54	0.00	-0.30	278.24	152.05	147	45.352
400	Clothing	416.82	0.00	416.82	0.00	-12.50	404.32	191.29	19	52.688
401	Backpacks, Bags	63.48	0.00	63.48	0.00	0.00	63.48	39.25	2	38.169
502	Emblamatic	35.95	0.00	35.95	0.00	0.00	35.95	16.41	10	54.353
503	General Gifts	309.04	0.00	309.04	0.00	-5.99	303.05	152.37	14	49.721
600	Consumer Electronics	927.72	-41.98	885.74	0.00	0.00	885.74	642.07	26	27.510
603	Digital / Computer S	4.99	0.00	4.99	0.00	0.00	4.99	3.04	1	39.078
700	Health & Beauty	33.83	0.00	33.83	0.00	0.00	33.83	18.61	17	44.989
701	Snacks	556.26	0.00	556.26	0.00	-10.80	545.46	322.60	346	40.857
702	Taxable Snacks	75.82	0.00	75.82	0.00	-2.30	73.52	42.00	39	42.872
802	CAMPUS PRINT	163.00	-12.00	151.00	0.00	0.00	151.00	0.00	151	100.000
804	Counseling CARDS	595.00	35.00	630.00	0.00	0.00	630.00	0.00	26	100.000
805	FEE CARDS	522.00	4.00	526.00	0.00	0.00	526.00	0.00	20	100.000
808	MISCELLANEOUS	30.00	21.64	51.64	0.00	0.00	51.64	0.00	5	100.000
809	CRV Codes	6.25	0.00	6.25	0.00	0.00	6.25	0.00	114	100.000
810	SCHEDULES	6.00	-2.00	4.00	0.00	0.00	4.00	0.00	2	100.000
814	STAMPS	2.00	0.00	2.00	0.00	0.00	2.00	1.97	1	1.500
Total for 09/05/18		30,589.53	-1,105.58	29,483.95	0.00	-47.12	29,436.83	20,173.36	1882	0.000

Unique Field Options

There are no unique fields in this report.

Note: the most common fields are covered in the Reports: Best Practices and Procedures article. Only special usage scenarios or options are covered in this article.

Report: Consolidated by Register

Below is an overview of the Consolidated by Register report. General information on what fields are available, what they do and what data is presented in the report.

Path: POS-RP-1-2

Purpose: This report is used to display a high level summary of the transactions done on each register. The total amount of money done, total markdowns, cost of goods sold, gross margin of goods sold, etc. for the date range specified.

Output: Register, Quantity, Sell Price Extended, Item Discount Total, Item Markdown Total, Transaction Discount Markdowns, Net Sales, Tax Total, Trans Total, Tender Total, Net Cost Extended and Gross Margin.

RP-TRANS-DETAIL-02

REG	QTY	SELL PRICE ..EXTENDED	ITEM DISCTOTAL	ITEM MKDNTOTAL	TRN DIS MARKDNS	NET SALES	TAXTOTAL	TRANSTOTAL	TENDERTOTAL	NET COST ..EXTENDED	GROSS ..MARGIN
104	335	2,627.65	0.00	0.00	-16.09	2,611.56	184.08	2,995.64	2,795.64	1,374.70	1420.87
105	412	3,197.01	0.00	0.00	-7.93	3,189.08	222.52	3,611.60	3,411.60	1,864.77	1546.77
107	239	2,124.90	0.00	0.00	-4.16	2,120.74	136.16	2,356.90	2,256.90	932.84	1323.99
201	0	0.00	0.00	0.00	0.00	0.00	0.00	492.75	0.00	0.00	0.00
1	986	7,949.56	0.00	0.00	-28.18	7,921.38	542.76	9,456.89	8,464.14	4,172.31	4291.63
	986	7,949.56	0.00	0.00	-28.18	7,921.38	542.76	9,456.89	8,464.14	4,172.31	4291.63

542 records listed.

Unique Field Options

A/R Invoice: Allows you to specify an AR Invoice number to view the other transaction details.

Note: the most common fields are covered in the Reports: Best Practices and Procedures article. Only special usage scenarios or options are covered in this article.

Reports: Best Practices and Procedures

A general overview of how to use the report options in TCS. Includes explanations of the most common fields, scenarios and best practices when running reports.

Report: Detail by Trans Number

Below is an overview of the Detail by Transaction Number report. General information on what fields are available, what they do and what data is presented in the report.

Path: POS-RP-1-1

Purpose: This report is used to display detailed information on every transaction that meets the selection criteria.

Output: Register, Transaction #, Date, Time, Cashier Code, Transaction Type, Post Void status, Scanned Items, Item Descriptions, Quantity, Sell Price Extended (qty * price), Item Discounts, Transaction Discounts, Tax Total, Transaction Total and Tender Code.

CASHR TRANS P KEYED										SELLPRICE		ITM DIS	TRN DIS	TAX	TRANS TNR		
REG	TRAN		DATE	TIME	..CODE	TYPE	V	SCANNED	SKU....	TITLE/DESCRIPTION...	.QTY	..EXTENDED	MARKDNS	MARKDNS	..TOTAL	TOTAL	CODE
104	6275	09/11/18	06:35		104	OP							0.00	0.00		100.00	CA
104	6276	09/11/18	07:45		604	SA			012000151262	CRYSTAL PEPSI	1	1.79	0.00	0.00	0.14	1.93	CA
104	6277	09/11/18	07:45		604	SA			3148955702864	ART BOARD 16X20 STYG	1	4.95	0.00	0.00	1.01	13.92	CA
									026487805051	5" KID SCISSORS POIN	1	1.99					
									071641054905	METALLIC GOLD SHARPI	1	1.99					
									071641390133	METALLIC SILVER SHAR	1	1.99					
									1142178	GRIP ROLLER PEN BIC	1	1.99					
104	6278	09/11/18	07:47		604	SA			9781453401118	PROJECT WAYFINDER TO	1	50.00	0.00	0.00	3.88	53.88	CA
																	CCR
104	6279	09/11/18	07:49		604	SA			810054000082	LOVAS 882-E SINGLE S	1	0.46	0.00	0.00	0.08	1.00	CA
									810054000082	LOVAS 882-E SINGLE S	1	0.46					
104	6280	09/11/18	07:49		604	SA			810054000051	882-E SINGLE SCANTRO	1	0.46	0.00	0.00	1.12	15.57	CCR
									033317029990	TI-30XA SCIENTIFIC C	1	13.99					

Unique Field Options

A/R Invoice: Allows you to specify an AR Invoice number to view the other transaction details.

Note: the most common fields are covered in the Reports: Best Practices and Procedures article. Only special usage scenarios or options are covered in this article.

POS Menu List

A list of all menu options inside of the POS Module by menu order.

POS Report Menu List

This is a list of all of the reports available, by menu order, in the POS module. This does not include reports outside of the RP menu option.

GM Price Changes

Instructions on how to set up temporary pricing as well as changing prices en mass.

Adoption Import File Specification

Format Layouts for Various Import/Export Files (Banner, Course Adoption, etc.)

From Campus to TCS:

File Name: Adpt-Imp.txt

File Type: DOS ASCII Text – Tab Delimited

Line Terminator: Carriage Return/Line Feed [decimal 13:10]

There is one line per adoption. If there is more than one book per adoption, you must provide a new line for each with the department, course, and section duplicated.

The fields with an "*" in the front are required.

If you are exporting for use with the on-line faculty adoptions then you also need fields 5 (Instructor) and 18 (Instructor Email).

If you are only reporting Actual Enrollment then fields 1, 2, 3, and 19 are required.

The fields MUST be provided in the order listed. This means that if position 8, Required (Y/N), is going to be imported then positions 5-7 must be populated or entered as an empty position. An empty position in Excel would display as an empty column. An empty position in text format would be denoted with an empty tab delimiter.

* Denotes Required Fields

~ Denotes Non-Book Fields

(ABC) Denotes Excel column label if editing in Excel prior to saving as tab delimited

*~1 (A). Department

*~2 (B). Course

*~3 (C). Section

~4 (D). Estimated Enrollment

~5 (E). Instructor

6 (F). ISBN-13

7 (G). Quantity to Cover

8 (H). Required (Y/N)

~9 (I). Course Description

10 (J). Author

11 (K). Title

12 (L). Edition

13 (M). Copyright Year

14 (N). New Price

15 (O). Used Price

16 (P). QOH New

17 (Q). QOH Used

- ~18 (R). Instructor Email
- ~19 (S). Actual Enrollment
- ~20 (T). Campus Class Number (unique per store/term/dept/crs/sect)
- ~21 (U). Store Number (if the file contains detail for multiple stores)
- ~22 (V). reserved for admin use
- ~23 (W). Virtual Crs Flag ("VC" = Campus Class Number is for all stores)
- ~24 (X). Section Web Comments (pain text only.)

A/R Customer File Export to TCS

From Campus to TCS:

File Name: BKSTCHRG_yyyymmdd_hhmnss.TXT

File Type: DOS ASCII Text

Line Terminator: Carriage Return/Line Feed [decimal 13:10]

Line Layout as follows:

This file can either be fixed column as shown below or Tab delimited in the order below.

The Customer must indicate their preference when the interface is initially configured.

Columns:

1 – 10	Customer Identification Number Up to 10 numeric characters left justified – space filled
11 – 40	Customer Name Up to 30 alpha characters left justified – space filled (Last name, First name)
41 – 50	Credit limit dollar amount 10 numeric characters right justified – space filled No decimal (2 point assumed) Remit '9999999999' if Credit Limit is NOT Limited Remit '0' (zero) if Credit Limit is NONE

51 – 65	Customer type/termyear (e.g. PELLGRNT/201310) Customer type is limited to 8 alpha numeric characters Termyear is limited to '/' and 6 alpha numeric characters These two fields should be concatenated and then left justified in 15 characters – space filled.
66 – 100	E-mail address (optional) Up to 35 characters left justified – space filled
101 – 110	Expiration Date (optional) Up to 10 characters left justified – space filled Format: mmddyy or mm/dd/yy or mm/dd/yyyy

A/R Customer File Export to Campus

From TCS to Campus:

File Name: BKSTINVO_yyyymmdd_hhmnss.TXT

File Type: DOS ASCII Text

Line Terminator: Carriage return/line feed [decimal 13:10]

Line layout as follows:

This file can either be fixed column as shown below or Tab delimited in the order below.

The Customer must indicate their preference when the interface is initially configured.

Columns

1 – 10	Customer Identification Number Up to 10 numeric characters left justified – space filled
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11 – 40	Customer Name Up to 30 alpha characters left justified – space filled (Last name, First name)
41 – 55	Customer type/termyear (e.g. PELLGRNT/201310) Up to 15 alpha numeric characters left justified – space filled This field is same as what is sent in the BKSTCHRG file. (Customer type is limited to 8 alpha numeric characters Termyear is limited to '/' and 6 alpha numeric characters These two fields should be concatenated and then left justified in 15 characters – space filled.)
56 – 65	Transaction Reference Up to 10 numeric characters 5 digit register number + 5 digit receipt number
66 – 75	Transaction amount 10 numeric characters right justified – space filled Positive value (e.g. '_____1423' = \$14.23 charge) Negative value (e.g. '_____-1423' = \$14.23 credit)
76 – 83	Transaction date 8 numeric characters YYYYMMDD format (e.g. 20130620 = June 20, 2013)

Custom Reports Through Query Builder

The TCS Query Builder is a very powerful tool for users of SmartSuite to customize or create new reports that more specifically meet their needs.

The Basics

Verbs	Can be either SORT or LIST. List is random and SORT is ordered.
Filename	The SmartSuite system is comprised of several data files unique to each module.
Dictionaries	Each data file has its own unique set of dictionaries that define how data fields are represented.
Selection Criteria	The rules you define to limit the volume of data to be included on a report.
Sort Criteria	The rules you set to define how the data will be sorted.
Output Criteria	The columns that will be included on a report.

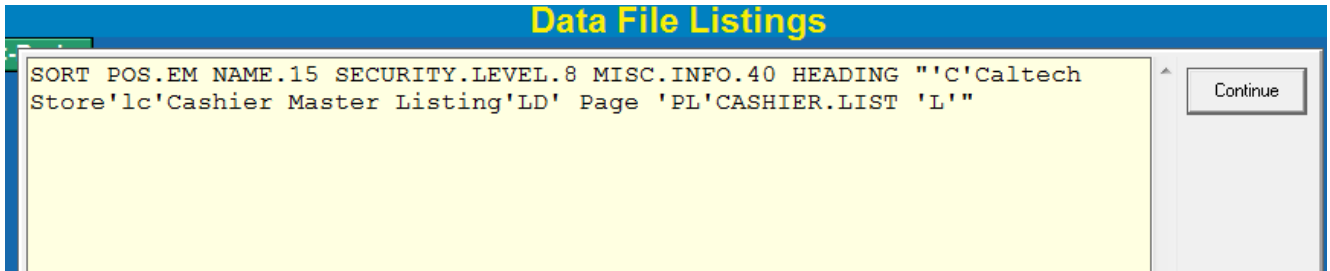
Nearly 100% of the reports in SmartSuite utilize the same rules that the Query Builder does. We just add a more complex screen for your parameters and do a few more technical things.

The best way to create a query is to start from an existing one. If you don't have an existing one then choose one of the system reports and see how we did it. Try to run a report that contains similar data to what you would like to create. For example, if you are going to create a report to display sale information, then use a Sales report as a reference. This way

you can see what filename we are pulling sales data from and can use that same filename in your query.

You can see our query string by running the report but instead of selecting terminal, or printer, etc. choose the option to show the Command String.

Here's a simple command from POS-RP-04-21 (Cashier Listing).



This has a Verb (SORT), a Filename (POS.EM), and Output Criteria (NAME.15 SECURITY.LEVEL.8 MISC.INFO.40. There is also a HEADING.

Screen Elements

Here's an example of a query created by an end-user for doing a sales export.

TCS v2.2.5 [DEMO.ntt]1 Telnet -> 192.168.2.5

File Connection View Help

Query Builder

ID: 102 Used By: CHL Desc: Sales Export (New DB)

Verb* SORT Filename* POS.STD

##	SELECTION CRITERIA	Prompt	##	SORT CRITERIA
1	DATE GE	Y	1	DATE
2	DATE LE	Y	2	KEY
3	WITH TRAN.TOTAL			

Include Record IDs* N Sample Size: Detail Lines* N Reformat ID: Y Column Headings* Y Grand-Total: Mod:

##	OUTPUT CRITERIA	BREAKS
1	STORE	L
2	REG	L
3	TENDER.AMOUNT	T
4	TENDER.CODE	
5	TENDER.CODE	
6+	DATE	L

HEADING

HEADING OPTIONS

'L' = New Line
'T' = Time & Date
'P' = Page Number

Cancel Options

QBO FLT 13:24

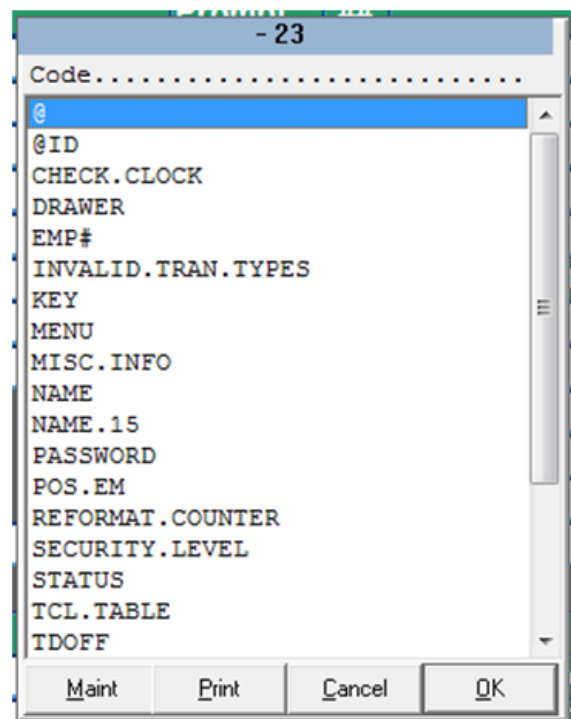
ID	This can be alpha or numeric. It is just the name you want associated with the report and is assigned by the user.
Used By	Can be left blank or filled in with the name of the person who will be the primary user of the report. (When you enter "??" in the ID field the list is sorted by Used By and then by Desc.)
Verb	Use either SORT or LIST

Filename	Enter “??” to view a list of all of the files for the database you are logged into (POS, TEXT, GM, etc.) This is where it is easier to use the Command String to see what file to use. After some experience you become familiar with our naming convention and the file names will make sense.
Selection Criteria	Enter valid dictionary items. If you click on “??” you will see a complete list of the dictionaries for the file selected. Here is a list of the POS.EM file (employee master).

Notice the Maint option bottom left corner. By clicking on this button you can look into the detail of each dictionary.

You can also use this feature to create your own dictionaries by copying one of ours and then modifying it.

Note: Never change the dictionaries that we proved, we would hate to overwrite your changes on the next upgrade. Simply add your school abbreviation to the end and it becomes your unique item.



If you enter “Y” in the **Prompt** column then when you run the report you will be prompted for the value you want to use. Dates can be entered just like in our screens.

The “??” works the same in each area, so the explanation will not be repeated.

The “?” provides most of the information provided in this document.

Sort Criteria The report above is going to be sorted by DATE

and then by KEY. Since it is using the SalesTransactionDetail file (POS.STD) the key is store*date*register*transaction.

Output Criteria This varies in that the 2nd column is for BREAKS. A Break is usually used to provide subtotals. It can also be used to create a logical break on the report. Break options include:

T Total the column

Y Break with no total

P When breaking start a new Page

D Only show the detail lines

U Underline the total

L Suppress and blank lines following a total or other break

Breaks can be combined to cause multiple effects.

Include Record IDs Frequently the ID to a file is cryptic and the data you are viewing is redundant to the ID (just formatted better); in this case enter an "N". If you want to see the record IDs, then enter a "Y".

Detail Lines If your primary interest is summary data then enter "N" for detail lines. The 1st time you run the report, or as you are developing it, leave this a "Y" to have a better feel for the data.

Column Headings This is almost always a "Y" but they can be turned off for exporting/importing.

Sample Size When developing the report, you may not want to wait very long for you to see what you will get. Enter number here and as soon as that number of detail records is reached the report will print (or display). We usually start with 10 and move up to 100 if necessary.

Grand Total Enter any wording you want to appear on a grand total line. The Mod: field is used to Underline any totals.

Heading This optional field will cause a heading to print at the top of the report.

There are 3 primary modifiers that can be used in defining a heading. They include:

L Create a Line Break

T Insert the Time & Date

P Insert the Page Number

Here's a sample:

HEADING		HEADING OPTIONS	
1	Employee Listing by Name'L'	'L' = New Line	
2	Printed 'TL'	'T' = Time & Date	
3	Page 'PL'	'P' = Page Number	

When you choose the Run option you will be prompted for any of the inputs you specified and then you will select where to print the report using the same options as all other SmartSuite reports.

Campus Integration Web

Campus Integration – Pass Student Course info to webserver to get a listing of books. For Sections webstore 2.x only.

Url: <http://client.site.com/campus-integration?classxml={data}>
Method: POST

Data Example:

```
<?xml version="1.0"?>
<datareturn>
  <studentname>Michael Shattuck</studentname>
  <studentid>testid</studentid>
  <term>06-2014</term>
  <cmpcode>06-2014</cmpcode>
  <courses>
    <dscr>
      <dept>ACCT</dept>
      <nbr>2010</nbr>
      <section>1367</section>
    </dscr>
    <dscr>
      <dept>ACCT</dept>
      <nbr>2010</nbr>
      <section>1368</section>
    </dscr>
  </courses>
</datareturn>
```

Details

- The data sent will need:
- studentname – Only used to display on the page
- studentid – Only used to display on the page
- termid
- cmpcode – campus/store id
- courses – a list of course descriptions (this will be used to display the details for all courses provided. Each course is wrapped in a 'dscr' tag and will need the following:
 - dept – department id
 - nbr – course id
 - section – section id
 - The data needs to be url-encoded and will replace the '{data}' section or the url.

Final example URL:

POST

```
http://demo.campuswebstore.com/campus-integration?classxml=%3C%3Fxml%20version%3D%221.0%22%3F%3E%0A%3Cdatareturn%3E%0A%20%20%20%20%3Cstudentname%3EMichael%20Shattuck%3C%2Fstudentname%3E%0A%20%20%20%20%3Cstudentid%3Etestid%3C%2Fstudentid%3E%0A%20%20%20%20%3Cterm%3E06-2014%3C%2Fterm%3E%0A%20%20%20%20%3Ccmpcode%3E06-2014%3C%2Fcmpcode%3E%0A%20%20%20%20%3Ccourses%3E%0A%20%20%20%20%20%20%20%3Cdscr%3E%0A%20%20%20%20%20%20%20%20%20%20%20%20%20%3Cdept%3EACCT%3C%2Fdept%3E%0A%20%20%20%20%20%20%20%20%20%20%20%20%20%3Cnbr%3E2010%3C%2Fnbr%3E%0A%20%20%20%20%20%20%20%20%20%20%20%20%20%3Csection%3E1367%3C%2Fsection%3E%0A%20%20%20%20%20%20%20%20%20%3C%2Fdscr%3E%0A%20%20%20%20%20%20%20%20%20%20%20%20%20%3Cdscr%3E%0A%20%20%20%20%20%20%20%20%20%20%20%20%20%3Cdept%3EACCT%3C%2Fdept%3E%0A%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%3Cnbr%3E2010%3C%2Fnbr%3E%0A%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%3Csection%3E1368%3C%2Fsection%3E%0A%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%3C%2Fdscr%3E%0A%20%20%20%20%20%20%20%20%20%20%20%20%20%3C%2Fcourses%3E%0A%3C%2Fdatareturn%3E
```

College WEB Interface Data Connector webstore 2.x

The data sent to the D3 server included:

1. XMLDATA (see below)
2. TERMID (201440)
3. STOREID (1)

```
<?xml version="1.0" encoding="UTF-8"?>
<datareturn>
  <term>201440</term>
  <studentname>Kyleah S Gamble</studentname>
  <studentid>S000000000</studentid>
  <courses>
    <dscr>
      <dept>HIST</dept>
      <nbr>1100</nbr>
      <section>400</section>
      <cmpcode>Bookstore Online</cmpcode>
```

```
</dscr>
<dscr>
  <dept>PSY</dept>
  <nbr>1100</nbr>
  <section>403</section>
  <cmpcode>Bookstore Online</cmpcode>
</dscr>
<dscr>
  <dept>FHS</dept>
  <nbr>2450</nbr>
  <section>402</section>
  <cmpcode>Bookstore Online</cmpcode>
</dscr>
<dscr>
  <dept>ENGL</dept>
  <nbr>1010</nbr>
  <section>418</section>
  <cmpcode>Bookstore Online</cmpcode>
</dscr>
</courses>
</datareturn>
```