Report Designer – Sections and Groups Pt.2

Tina Stewart





Agenda

- RECAP
- Multiple Groups
- Sub-Totals
- Page Breaks
- Further support



RECAP

What is a Group?

Divides report data into groups sharing something in common: -

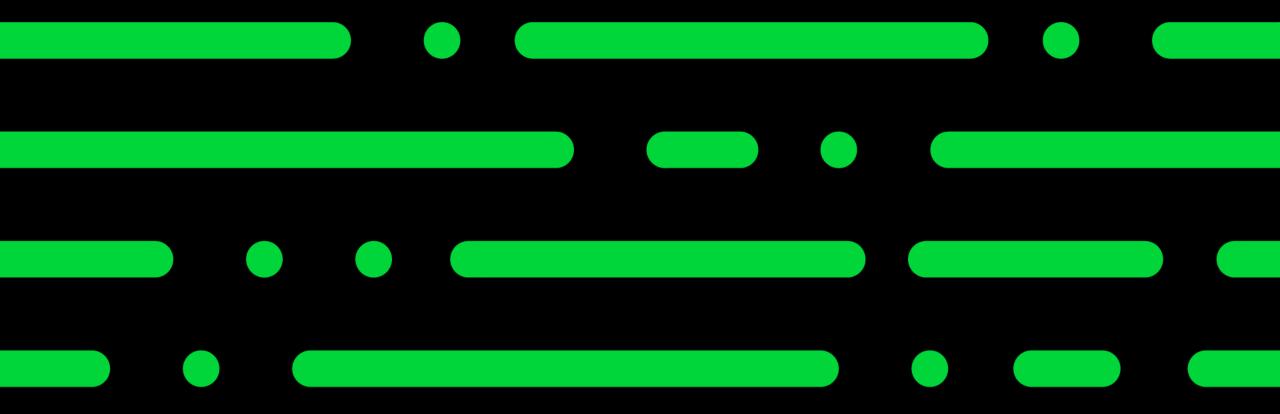
- List of Customers grouped by Department
- List of Transactions grouped by Supplier
- List of Products by Stock Location

Benefits

- Provides structure to a report
- Report data automatically sorted on the grouped data field
- Multiple Groups
- Sub-totals
- Page Breaks
- And more!

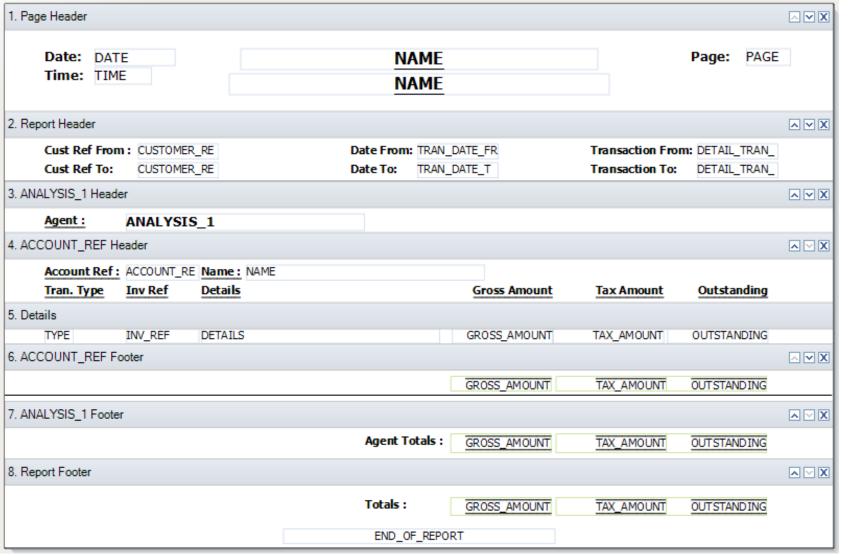


Multiple Groups





Multiple Groups - Design Mode



Agents Commission Report

Page Header – once per page

Report Header – once per report

Group 1 Header – once per group

Group 2 Header – once per group

Details – once per line of data

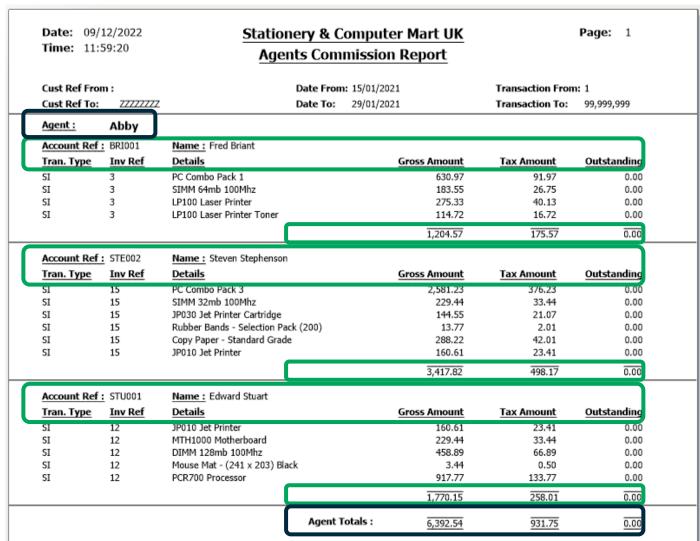
Group 2 Footer – *once per group*

Group 1 Footer – *once per group*

Report Footer – *once per report*



Multiple Groups — Preview Mode



Group 1 Header – once per **START** of group **Group 2 Header** – once per **START** of group

Group 2 Footer – once per **END** of group **Group 2 Header** – once per **START** of group

Group 2 Footer – once per END of group

Group 2 Header – once per START of group

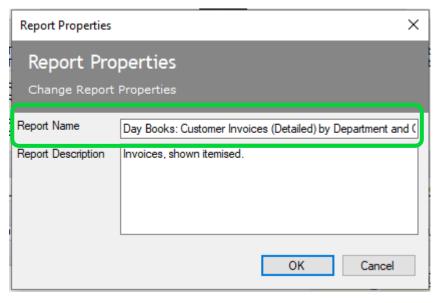
Group 2 Footer – once per **END** of group **Group 1 Footer –** once per **END** of group



Creating a copy of a report

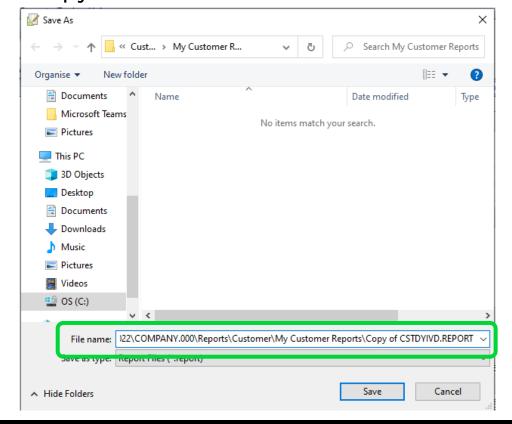
To change the **name** of the report: -

 Report > Report Properties > change Report Name > OK



To change the **filename** of the report: -

 File > Save As > either change filename or leave as "Copy of..." > Save



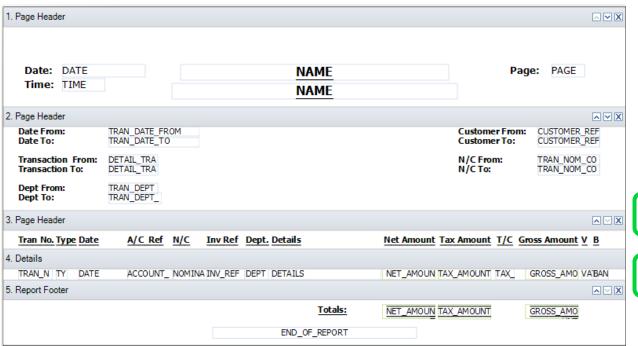


Adding Group 1

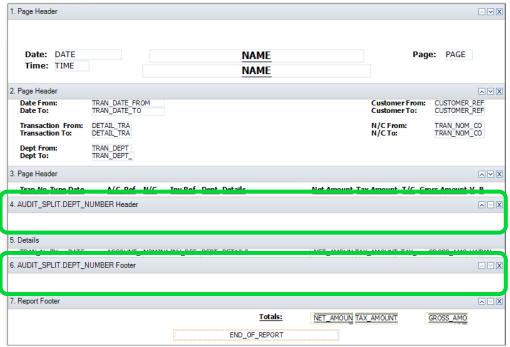
Sections > Add Section > Group Header and Footer > add table and variable in window > OK

A new Group Header and Group Footer section appears in the report design: -

BEFORE GROUP 1 (5 sections)



AFTER GROUP 1 (7 sections)



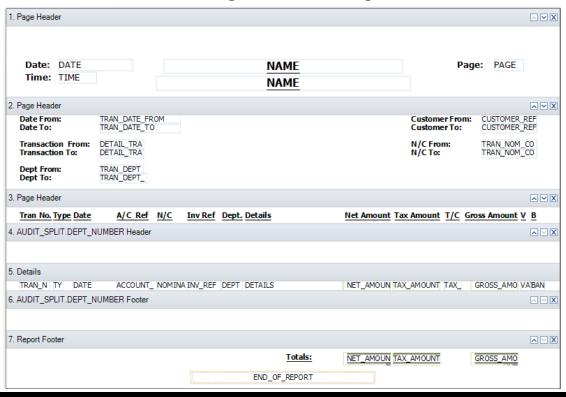


Adding Group 2

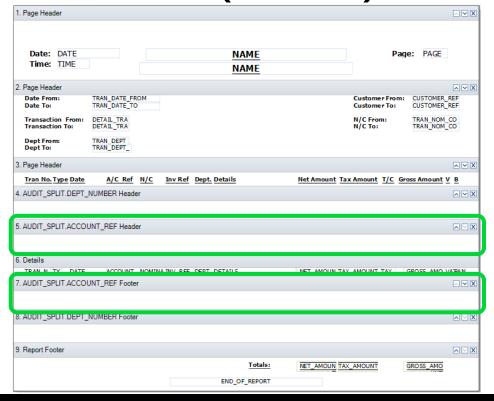
Sections > Add Section > Group Header and Footer > add table and variable in window > OK

A new Group Header and Group Footer section appears in the report design: -

BEFORE GROUP 2 (7 sections)



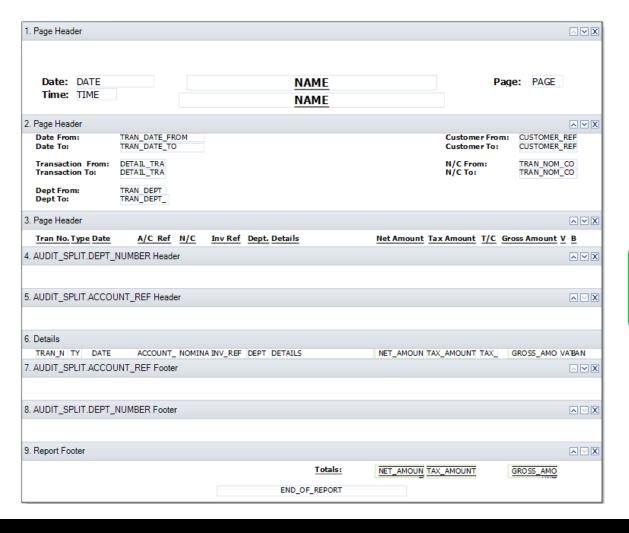
AFTER GROUP 2 (9 sections)



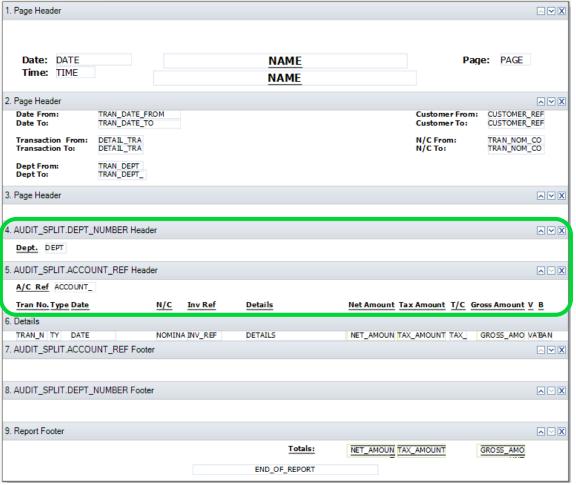


Group Header Content

BEFORE AMENDMENTS



AFTER AMENDMENTS





Group Footers

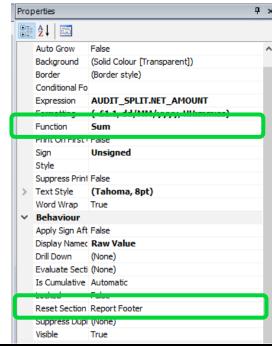
Any **value data fields** added to a group footer section provide **sub-totals** for that group, i.e. : -

sub-totals for **Department** can be added to the DEPT_NUMBER Footer

sub-totals for Customer can be added to the ACCOUNT_REF Footer

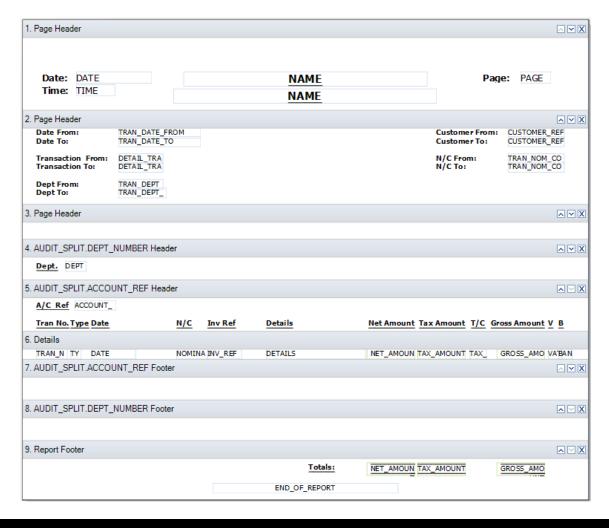
Two properties to check to ensure totals work correctly: -

- Function property needs to be set to SUM
- Reset Section property needs to be set to the section the data fields are in

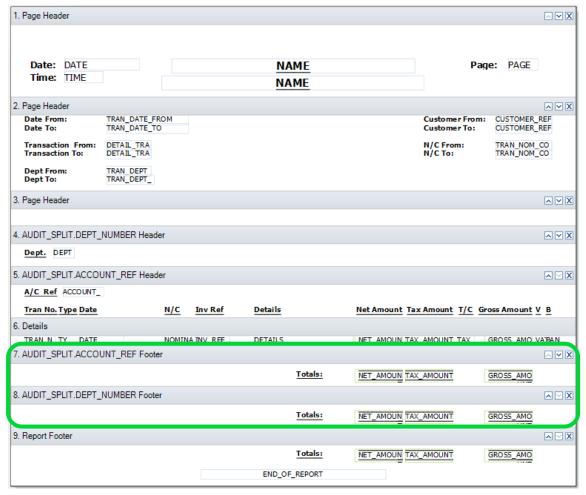


Group Footer Content

BEFORE AMENDMENTS



AFTER AMENDMENTS

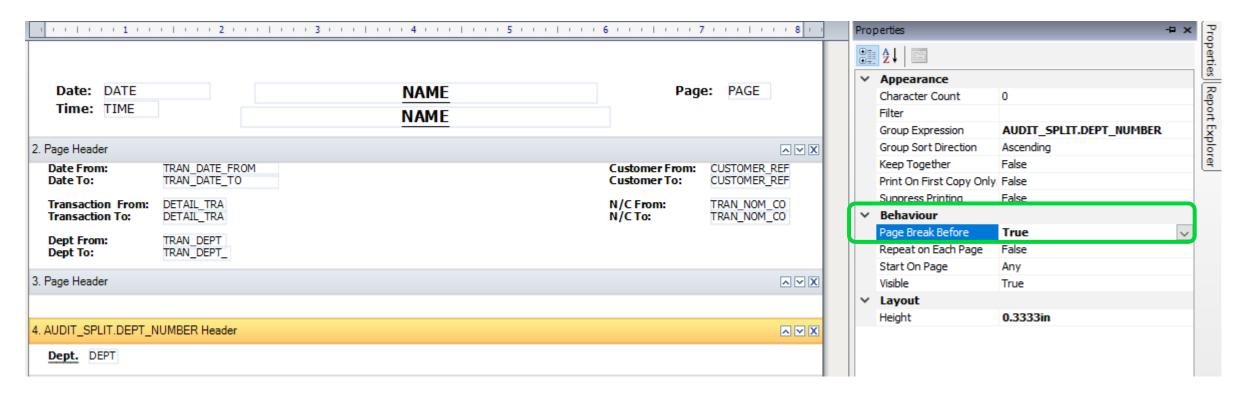




Page Break

Can be applied to either **Group Header** or **Group Footer** sections.

Select section > Properties > change Page Break Before / After to **True**





Report Preview - Multiple Groups Added

BEFORE AMENDMENTS

Date From: 15/01/2021 Date To: 17/01/2021 Fransaction From: 1 Fransaction To: 99,999,999 Dept From: 0 Dept To: 999										Customer From: Customer To: ZZZZZZ		
							N/C From: N/C To:		9999999			
)									
ran N	o. Type	e Date	A/C Ref	N/C	Inv Ref	Dept.	Details	Net Amount	Tax Amount	T/C	Gross Amount	V B
143	SI	15/01/2021	BRI001	4000	3	1	PC Combo Pack 1	539.00	91.97	T1	630.97	R -
144	SI	15/01/2021	BRI001	4000	3	1	SIMM 64mb 100Mhz	156.80	26.75	T1	183,55	R -
45	SI	15/01/2021	BRIO01	4000	3	1	LP100 Laser Printer	235.20	40.13	T1	275.33 [R -
46	SI	15/01/2021	BRIO01	4000	3	1	LP100 Laser Printer Toner	98.00	16.72	T1	114.72	R -
90	SI	17/01/2021	BUS001	4000	4	1	A4 Ledger Book - 5 Column	42.06	7.36	T1	49,42	R -
.91	SI	17/01/2021	BUS001	4000	4	1	A4 Carbon Copy Book -	31.47	5.51	T1	36,98	R -
192	SI	17/01/2021	BUS001	4000	4	1	Shorthand Notebook - 80	67.13	11.75	T1	78.88 I	R -
193	SI	17/01/2021	BUS001	4000	4	1	Calculator - Desktop	8.78	1.54	T1	10.32	R -
194	SI	17/01/2021	BUS001	4000	4	1	CDR12432 Read/Write CD	587.05	102.73	T1	689.78	R -
195	SI	17/01/2021	BUS001	4000	4	1	Correction Fluid - White	17.55	3.07	T1	20.62	R -
196	SI	17/01/2021		4000	4	1	Disk - CDR (640MB)	35.10	6.14	T1	41.24	R -
197	SI	17/01/2021	BUS001	4000	4	1	Copy Paper - Economy Grade	181.74	31.80	T1	213.54	R -
198	SI	16/01/2021	GRA001	4000	7	1	Envelope - Brown (110 x	127.59	21.77	T1	149,36	R -
199	SI	16/01/2021	GRA001	4000	7	1	FX020 Multifunctional Fax	353.40	60.30	T1	413.70 F	R -
200	SI	16/01/2021	GRA001	4000	7	1	A4 Labels (68x99) - Inkjet	52.60	8.98	T1	61.58	R -
201	SI	16/01/2021	GRA001	4000	7	1	Inkjet Paper - Premium	44.08	7.52	T1	51.60	R -
202	SI	16/01/2021		4000	7	1	Pencil - H	8.82	1.51	T1	10.33	
03	SI	16/01/2021		4000	7	1	Letter Trays - 3 pack (Black)	18.55	3.17	T1	21.72	
204	SI	16/01/2021		4000	7	1	SCAN1000 Scanner	75.98	12.96	T1	88.94	
205	SI	16/01/2021	GRA001	4000	7	1	Remember-Me Sticky Notes	15.90	2.71	T1	18.61	R -
							<u>Totals:</u>	2,696.80	464.39		3,161.19	
							End of Report					

AFTER AMENDMENTS

		2/12/2022			nery & Computer Ma				Page: 1	
Him	e: 1:	3:14:45 <u>Da</u>	y Books: C	ustomer	Invoices (Detailed) l	y Dept a	nd Custo	mer		
Date From: 15/01/2021 Date To: 17/01/2021 Fransaction From: 1 Fransaction To: 99,999,999							Customer From: Customer To:		2222222	
		99,999				N/C Froi N/C To:	m:	9999999		
Dept F Dept 1		0 999								
Dept.	1									
A/C R	ef BR	1001								
		e Date	N/C	Inv Ref	Details				Gross Amount V	
143	SI	15/01/2021	4000	3	PC Combo Pack 1	539.00	91.97	T1	630.97 R	
144 145	SI	15/01/2021 15/01/2021	4000 4000	3	SIMM 64mb 100Mhz LP100 Laser Printer	156.80 235.20	26.75 40.13	T1 T1	183.55 R 275.33 R	
145 146	SI	15/01/2021	4000	3	LP100 Laser Printer LP100 Laser Printer Toner	98.00	16.72		2/5.33 R 114.72 R	
110	3.	13/01/2021	4000	,	Totals:	1,029.00	175.57		1,204.57	,
A/C R	ef BU	S001								
Tran N	lo. Typ	e Date	N/C	Inv Ref	Details	Net Amount	Tax Amount	T/C	Gross Amount V	В
190	SI	17/01/2021	4000	4	A4 Ledger Book - 5 Column	42.06	7.36	T1	49.42 R	
191	SI	17/01/2021	4000	4	A4 Carbon Copy Book -	31.47	5.51	T1	36.98 F	١ -
192	SI	17/01/2021	4000	4	Shorthand Notebook - 80	67.13	11.75	T1	78.88 R	
193	SI	17/01/2021	4000	4	Calculator - Desktop	8.78	1.54	T1	10.32 R	
194	SI	17/01/2021	4000	4	CDR12432 Read/Write CD Correction Fluid - White	587.05	102.73	T1	689.78 R	
195 196	SI	17/01/2021 17/01/2021	4000 4000	4	Disk - CDR (640MB)	17.55 35.10	3.07 6.14	T1 T1	20.62 R 41.24 R	
197	SI	17/01/2021	4000	4	Copy Paper - Economy Grade		31.80		213.54 R	
					Totals:	970.88	169.90		1,140.78	
	ef GR									
		e Date	N/C	Inv Ref	Details				Gross Amount V	
198	SI	16/01/2021	4000	7	Envelope - Brown (110 x	127.59	21.77	T1	149.36 R	
199 200	SI	16/01/2021 16/01/2021	4000 4000	7 7	FX020 Multifunctional Fax	353.40 52.60	60.30 8.98	T1 T1	413.70 R 61.58 R	
200 201	SI	16/01/2021	4000	7	A4 Labels (68x99) - Inkjet Inkjet Paper - Premium	52,60 44,08	7.52	T1	51.50 F	-
202	SI	16/01/2021	4000	7	Pencil - H	8.82	1.51	T1	10.33 F	
203	SI	16/01/2021	4000	7	Letter Trays - 3 pack (Black)	18.55	3.17	Ti	21.72 R	
204	SI	16/01/2021	4000	7	SCAN1000 Scanner	75.98	12.96	T1	88.94 R	١ -
205	SI	16/01/2021	4000	7	Remember-Me Sticky Notes	15.90	2.71	T1	18.61 R	١ -
					Totals:	696.92	118.92		815.84	
					Totals:	2,696.80	464.39		3,161.19	
					Totals:	2,696.80	464.39		3,161.19	

Recap

- Adding a new group? Two new sections, Group Header and Group Footer
- Objects should be moved / added into Group Header to explain the purpose of the group
- Titles for report data should sit in **last group header** if multiple groups on report (section above details)
- Sub-totals for each group can be achieved by adding value data fields into a **Group Footer** section
- Always check Function = SUM and Reset Section = section the data fields are in, for any value fields in footer sections
- **Page Breaks** can be applied to either a Group Header or Footer to force a new group of data onto a new page

Further Support

Add a Group

Add Totals

Group Properties

Tables and Variables

Sage Report Design
Service

