

Using Volume Analysis

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A new capability in SiteAudit release 1.6 is a view called Volume Analysis.

Feature Description

The Volume Analysis view provides a break out of output volume such as the volume of color prints, or duplex prints.

Print volumes represent the output for the selected time period, e.g. Month-to-Month. Like other views output volume is presented in data columns. The view includes the same capabilities to group, sort and filter data.

Print volume columns include:

- Total Impressions
- Total Black and White
- Total Color
- Total Copies
- Total Duplex

Volume Analysis Benefits

The key benefits of the volume analysis view are:

Billing

1. Validate billing data is correct by comparing actual print volume versus invoice volume

Output Capacity

1. Determine the organizations total volume requirements
2. Determine the right amount of black & white print capacity needed
3. Determine the right amount of color print capacity needed

MFP Use

1. Verify investment return in printers with multiple function capabilities

Chargeback

1. Chargeback by location or department the volume of color and b/w print

Benefit Demonstration

To show the benefit of the volume analysis view in a custom report is easy to do. Some examples include showing one or all of the following:

- 1- MFP Use by Manufacturer → Report
- 2- Billing Validation → Report
- 3- Month-to-Month Color Print Volume → View
- 4- Month-to-Month Print Volume by Location → View

Example Report: MFP Use by Manufacturer

Step 1: Select the Volume Analysis View

Step 2: Use the Time Span to select a time period e.g. Month or Week

Step 3: Remove Columns that are not important

Suggested Columns to Keep:

- Manufacturer
- Model
- Total Pages
- Total Color Pages
- Total B/W Pages
- Total Copy Pages
- Total Duplex Pages

Step 4: Open the Edit Filter → Filter Builder → Select as follows:

The screenshot shows the Netaphor SiteAudit(TM) Volume Analysis report. The main window displays a table with columns: Manufacturer, Model, Total, B/W, Color, Copy, Duplex, and Output. A Filter Builder dialog box is open, showing a list of filter conditions:

- [Manufacturer] Equals canon
- [Manufacturer] Equals ricoh
- [Manufacturer] Equals savin
- [Manufacturer] Contains konica
- [Manufacturer] Equals sharp

The table data is as follows:

Manufacturer	Model	Total	B/W	Color	Copy	Duplex	Output
Konica Minolta	Fiery X3eTY 35C-4M						Color
Sharp	SHARP MX-3501N	1,123					Color
Sharp	SHARP AR-W455N	217	120	163			Color
Sharp	SHARP AR-W455N	2,773	2,773				B/W
Canon	R5020	323	323				B/W
Ricoh	RICOH Aficio MP C4500	6,477	4,390	4,196	3,631	1,570	Color
Konica Minolta	Generic 35C-1						Color
Canon	Canon R6000						B/W
Canon	Canon R6000						B/W
Savin	SAVIN 2575						B/W
Sharp	SHARP MX-3501N						Color
Konica Minolta	Generic 35C-1			430	1,045	654	Color
Canon	Canon R6000				292		B/W
Canon	Canon R6570 30.0				2,165		B/W
Canon	Canon R6570 30.0				5,870		B/W
Canon	Canon R C3220 8			10,718			Color
Canon	Canon R5570 20.4				3,066		B/W
Sharp	SHARP MX-3501N						Color
Sharp	SHARP MX-3501N						Color
Sharp	SHARP MX-3501N						Color
Konica Minolta	Generic 35C-1			91	86	689	Color
Konica Minolta	Generic 35C-1			264	199	109	Color
Canon	Canon R6000				78		B/W
Canon	Canon R4570 32.0				2,317		B/W
Canon	Canon R4570 32.0				1,934		B/W
Canon	Canon R6000	2,154	2,154				B/W
Canon	Canon R5570 20.65	19,345	19,345		2,228		B/W
Ricoh	Aficio 1018D	107	107		46		B/W
Konica Minolta	Generic 35C-1	1,987	2,265	235	220	381	Color
Canon	Canon R6000	3,028	3,028		2,519		B/W
Ricoh	RICOH Aficio 1022	641	641		251		B/W
Ricoh	RICOH Aficio 1027	513	513		384		B/W
Sharp	SHARP AR-W4350	840	840				B/W
Savin	SAVIN 8035/8035g	67	67				B/W
Konica Minolta	Generic 35C-1	119	61	95			Color
35		SUM=93355	SUM=70829	SUM=16192			

At the bottom of the table, there is a filter expression: [Manufacturer] = 'Canon' Or [Manufacturer] = 'ricoh' Or [Manufacturer] = 'savin' Or [Manufacturer] Like '%konica%' Or [Manufacturer] = 'sharp'

Step 4: Sum the Columns

Step 5: Move the Manufacturer column to the Column Header

Telecommunications Company MFP Use by Manufacturer - 2Qtr. 2007 Report -

Model	Total	B/W	Color	Copy	Duplex	Output
Manufacturer: Canon						
Canon iR5020	5,383	5,383				B/W
Canon iR6000						B/W
Canon iR6000	1,068	1,068		1,068		B/W
Canon iR6000	5,632	5,632		2,627		B/W
Canon iR6570 30.i	31,339	31,339		12,780		B/W
Canon iR6570 30.i	25,945	25,945		14,803		B/W
Canon iR C3220 8	28,302	8,799	21,429			Color
Canon iR5570 20.i	30,514	30,514		13,895		B/W
Canon iR6000	735	735		419		B/W
Canon iR4570 32.i	12,026	12,026		8,016		B/W
Canon iR4570 32.i	21,643	21,643		11,081		B/W
Canon iR6000	13,350	13,350		6,023		B/W
Canon iR5570 20.i	109,997	109,997		13,612		B/W
Canon iR6000	10,103	10,103		9,119		B/W
CANONBJC-8200	62		62			Color
15	SUM=296099	SUM=276534	SUM=21491	SUM=93443	SUM=	
Manufacturer: Konica Minolta						
Fiery X3eTY 35C-K	3,156	1,473	1,558	1,914	134	Color
Generic 35C-1	3,098	81,997	28,130	28,982	12	Color
Generic 35C-1	18,580	11,629	2,594	5,124	1,807	Color
Generic 35C-1	6,378	5,814	508	481	1,339	Color
Generic 35C-1	11,787	9,325	1,721	615	2,140	Color
Generic 35C-1	9,231	7,979	773	1,247	1,047	Color
Generic 35C-1	4,895	3,702	787	465	465	Color
7	SUM=57125	SUM=121919	SUM=36071	SUM=38828	SUM=6944	
Manufacturer: Ricoh						
RICOH Aficio MP C	20,858	14,708	15,798	10,129	4,922	Color
Aficio 1018D	647	647		369		B/W
RICOH Aficio 1022	3,895	3,895		1,202		B/W
RICOH Aficio 1027	2,453	2,453		1,734		B/W
4	SUM=27853	SUM=21703	SUM=15798	SUM=13434	SUM=4922	
Manufacturer: Savin						
SAVIN 2575	15,722	15,722		15,675		B/W
SAVIN 8035/8035i	1,532	1,532		237		50 B/W
2	SUM=17254	SUM=17254	SUM=	SUM=15912	SUM=50	
Manufacturer: Sharp						
SHARP MX-3501N	12,096					Color
SHARP AR-M455N	5,139	5,033	202			Color
SHARP AR-M455N	26,855	26,855				B/W
SHARP MX-3501N	2,550					Color
SHARP MX-3501N	6,779					Color

Custom reports are the management documents that measure progress toward meeting cost and performance metrics or objectives.