



Managed
Print Solutions

SOLUTION FOCUS PRINT MONITORING SOFTWARE

Solution deployed at

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THE NEED

Lord Kelvin famously said that: "If you can not measure it, you can not improve it."

Hence, if cost control it is very important to measure and track printing in an organisation. Elpee's Print Monitoring Software does precisely this. It facilitates (i) timing restrictions; (ii) the levying of printing quotas across individuals, teams and departments; (iii) it triggers pop-ups when quotas are close to finishing; (iv) it

triggers alarms when toner levels drop below predefined limits; (v) it generates detailed consumption reports across defined parameters; and helps to measure and monitor all printing activities.

Apart from its utility as a monitoring tool, the very presence of Elpee's Print Monitoring Software serves as a deterrent to careless and un-official printing.

There is a one time cost with Print Monitoring Software, but accrued savings pay it off in a high volume scenario.



Shared account configuration

Account: [Template Account]

Invoicing:	User choice (default to invoice)
Comments:	Optional
Available to groups:	Users, students, Administrators, Senior Managers, teachers

Account: Administration

Invoicing:	Never show on invoice
Comments:	Optional
Available to groups:	Administrators
Available to users:	james, john, joe, bill, claire, luke, mark, jim, matt, charles, lucy, andrea, jess, priyanka, bob, chris, kelly, hendrik, kate, tom, cathy, jason

Account: Arts Department

Invoicing:	Always show on invoice
Comments:	Always required
Available to groups:	[All Users], students, teachers

In this example, we see how the software is deployed in an Education Institute. Following a transfer pricing system, 'Accounts' are made for Students, Administrators, Teachers, etc.

Group: [All Users]

Quota scheduling:	Period:	None	
New user settings:	Define new user settings:	Yes	
	Initial credit:	\$10.00	
	Initially restricted:	Yes	
	Initial overdraft:	\$0.00	
	Initial account selection settings:	Automatically charge to personal account	
	Override printer level settings:	Yes	
		Don't hold jobs in release station queues:	No
		Don't apply printer filters rule:	Yes

Group: Administrators

Quota scheduling:	Period:	None	
New user settings:	Define new user settings:	Yes	
	Initial credit:	\$100.00	
	Initially restricted:	No	
	Initial overdraft:	\$0.00	
	Initial account selection settings:	Automatically charge to personal account	
	Override printer level settings:	No	

Pricing configuration, volume restrictions and access controls are then defined for each group.

In this example we see how these parameters are set for the 'Administrators' group.

Group	Initial Balance	Initially Restricted	Schedule Amount	Schedule Period
[All Users]	\$40.00	Yes	\$0.00	None
Building 201	\$10.00	Yes	\$0.00	None
Office Staff	\$100.00	No	\$0.00	None
Senior Managers	\$200.00	No	\$0.00	None
Students	\$20.00	Yes	\$0.00	None
Teachers	\$100.00	No	\$0.00	None

The configuration details for each of the groups is decided and fed in, and this report shows us how the parameters differ across groups.



Department printing - job type summary

For the period of Mar 21, 2009 to Apr 23, 2009.

Paper Size	Duplex	Color Pages	Grayscale Pages	Total Pages	Jobs	Cost
Department: [No department]						
24X36 (ARCH_D)	Duplex	11	0	11	1	\$1.10
A3 (ISO_A3)	Simplex	166	0	166	2	\$16.60
A4 (ISO_A4)	Simplex	0	10	10	1	\$1.00
A5 (ISO_A5)	Simplex	64	53	117	2	\$11.70
FOOLSCAP	Simplex	48	0	48	1	\$4.80
LEGAL	Duplex	309	0	309	2	\$30.90
LETTER (ANSI_A)	Simplex	92	0	92	1	\$9.20
Totals for department "[No department]":		690	63	753	10	\$75.30
Department: Accounting Department						
LETTER (ANSI_A)	Simplex	5	0	5	2	\$0.50
Totals for department "Accounting Department":		5	0	5	2	\$0.50
Department: Administration Department						
A4 (ISO_A4)	Simplex	111	0	111	43	\$9.45
LETTER (ANSI_A)	Simplex	56	0	56	22	\$4.40
Totals for department "Administration Department":		167	0	167	65	\$13.85

At a macro level, a Report would show the volumes for the different kinds of printing carried out by each of the groups.

Paper Size	Duplex	Color Pages	Grayscale Pages	Total Pages	Jobs	Cost
Group: students						
A4 (ISO_A4)	Simplex	0	1	1	1	\$0.10
B4 (ISO_B4)	Simplex	8	0	8	4	\$0.80
JIS-B4 (JISB4)	Simplex	2	1	3	3	\$0.30
Totals for group "students":		10	2	12	8	\$1.20
Group: teachers						
24X36 (ARCH_D)	Simplex	0	27	27	1	\$2.70
24X36 (ARCH_D)	Duplex	76	0	76	1	\$7.60
A4 (ISO_A4)	Simplex	85	153	238	2	\$23.80
A4 (ISO_A4)	Duplex	192	0	192	2	\$19.20
A5 (ISO_A5)	Duplex	120	30	150	2	\$15.00
CUSTOM	Duplex	79	0	79	3	\$7.90
FOOLSCAP	Duplex	35	0	35	2	\$3.50
LEGAL	Simplex	76	0	76	2	\$7.60
LEGAL	Duplex	86	100	186	3	\$18.60
LETTER (ANSI_A)	Simplex	66	0	66	1	\$6.60
LETTER (ANSI_A)	Duplex	47	0	47	1	\$4.70
Totals for group "teachers":		862	310	1,172	20	\$117.20

Run by: admin

... this is Page 2 of the Report.

Group printing - logs

For the period of May 25, 2007 to May 31, 2007.

Date	Printer	Username	Document	Pages	Cost	Allowed	Attributes
Group: Building 201							
May 31, 2007 8:36:46 AM	Win2003\HP LaserJet 5MP	matt	Awesome Presentation - OpenOffice.org Impress	280	\$28.00	Yes	FOOLSCAP, Duplex: Yes, Grayscale: Yes, Copies: 4, 57579KB, Library2, EMF
May 30, 2007 10:57:29 AM	printserver\Canon BJ 2000	kate	Untitled1 - OpenOffice.org Writer	3	\$0.30	Yes	A3 (ISO_A3), Duplex: Yes, Grayscale: Yes, 19672KB, Library1, Postscript
May 29, 2007 10:29:03 PM	linuxserver\HPLaserJ	kate	Budget - OpenOffice.org Calc	67	\$6.70	Yes	A4 (ISO_A4), Duplex: No, Grayscale: No, 2519KB, Office1, Postscript
May 28, 2007 4:06:03 PM	printserver\Xerox Color 1930	mary	research paper.pdf	39	\$3.90	Yes	LETTER (ANSI_A), Duplex: No, Grayscale: No, 82682KB, Office1, EMF
May 28, 2007 12:32:13 PM	linuxserver\Xerox Color 1930	matt	Stats - OpenOffice.org Writer	68	\$6.80	Yes	A4 (ISO_A4), Duplex: No, Grayscale: Yes, Copies: 4, 95285KB, Library1, EMF
May 27, 2007 3:18:37 AM	Win2003\HPLaserJ	kate	Awesome Presentation - OpenOffice.org Impress	9	\$0.90	Yes	A4 (ISO_A4), Duplex: Yes, Grayscale: Yes, Copies: 3, 83260KB, Server, EMF
May 26, 2007 8:50:44 PM	macserver\HP LaserJet 5MP	mary	Untitled1 - OpenOffice.org Writer	62	\$6.20	Yes	FOOLSCAP, Duplex: Yes, Grayscale: No, 93636KB, Office1, PCL
May 26, 2007 3:14:02 PM	Win2003\HP LaserJet 5MP	matt	Awesome Presentation - OpenOffice.org Impress	64	\$6.40	Yes	A5 (ISO_A5), Duplex: No, Grayscale: Yes, Copies: 2, 70041KB, 192.168.1.1, EMF
May 26, 2007 2:46:09 AM	Win2003\Xerox Color 1930	chris	Budget - OpenOffice.org Calc	2	\$0.20	Yes	LEGAL, Duplex: Yes, Grayscale: Yes, Copies: 2, 67972KB, Office2, Postscript
May 25, 2007 6:20:40 PM	Win2003\HP LaserJet 5MP	kate	Budget - OpenOffice.org Calc	74	\$7.40	Yes	LEGAL, Duplex: Yes, Grayscale: Yes, 54939KB, Office2, PCL
May 25, 2007 1:59:06 AM	Win2003\John's Printer	chris	Awesome Presentation - OpenOffice.org Impress	64	\$6.40	Yes	LEGAL, Duplex: Yes, Grayscale: Yes, 9392KB, Library2, EMF
Totals for group "Building 201":				732	\$73.20		

This is a more detailed and granular report of the specific document printing done by one particular group.

Group printing - printer job type summary

For the period of Sep 14, 2008 to Oct 14, 2008.

Paper Size	Duplex	Color Pages	Grayscale Pages	Total Pages	Jobs	Cost
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Group: [All Users]

Printer: linuxserver\HP LaserJet 5MP

A3 (ISO_A3)	Simplex	5	13	18	1	\$1.80
A4 (ISO_A4)	Duplex	45	21	66	1	\$13.60
CUSTOM	Duplex	4	0	4	1	\$0.40
FOOLSCAP	Simplex	0	36	36	1	\$3.60
LEGAL	Duplex	30	60	90	2	\$9.00
LETTER (ANSI_A)	Duplex	41	0	41	1	\$4.10
Totals for printer "linuxserver\HP LaserJet 5MP":		125	130	255	7	\$32.50

Printer: linuxserver\HPLaserJ

24X36 (ARCH_D)	Duplex	38	0	38	1	\$3.80
A3 (ISO_A3)	Simplex	58	0	58	1	\$5.80
A4 (ISO_A4)	Duplex	126	0	126	1	\$12.60
A5 (ISO_A5)	Simplex	463	0	463	2	\$46.30
A5 (ISO_A5)	Duplex	0	28	28	1	\$2.80
CUSTOM	Simplex	25	0	25	1	\$2.50
CUSTOM	Duplex	46	0	46	1	\$4.60
LEGAL	Duplex	41	0	41	2	\$4.10
LETTER (ANSI_A)	Simplex	5	15	20		
LETTER (ANSI_A)	Duplex	10	0	10		
Totals for printer "linuxserver\HPLaserJ":		812	43	855		

This is a stationery size wise report of the done, to aide in the procurement and scheduling of stationery purchases.

Largest print jobs

For the period of May 25, 2007 to Jun 1, 2007.

Date	Username	Pages	Cost	Document	Attributes
May 25, 2007 3:34:25 PM	lucy	376	\$37.60	Stats - OpenOffice.org Writer	Printer: printserver\HP LaserJet 5MP A5 (ISO_A5) Duplex: No Grayscale: Yes Copies: 4 Comment:
May 25, 2007 8:08:46 AM	jason	348	\$34.80	Budget - OpenOffice.org Calc	Printer: macserver\Xerox Color 1930 A4 (ISO_A4) Duplex: No Grayscale: No Copies: 4 Comment:
May 28, 2007 3:24:42 PM	bill	288	\$28.80	Untitled1 - OpenOffice.org Writer	Printer: Win2003\HP LaserJet 5MP FOOLSCAP Duplex: Yes Grayscale: No Copies: 3 Comment:
May 26, 2007 8:32:25 PM	claire	288	\$28.80	Untitled1 - OpenOffice.org Writer	Printer: printserver\John's Printer A4 (ISO_A4) Duplex: Yes Grayscale: No Copies: 3 Comment:
May 31, 2007 8:36:46 AM	matt	280	\$28.00	Awesome Presentation - OpenOffice.org Impress	Printer: Win2003\HP LaserJet 5MP FOOLSCAP Duplex: Yes Grayscale: Yes Copies: 4 Comment:
May 26, 2007 5:28:36 AM	claire	252	\$25.20	Budget - OpenOffice.org Calc	Printer: linuxserver\Xerox Color 1930 FOOLSCAP Duplex: Yes Grayscale: Yes Copies: 4 Comment:
May 28, 2007 2:59:36 PM	peter	243	\$24.30	Stats - OpenOffice.org Writer	Printer: printserver\Xerox Color 1930 LETTER (ANSI_A) Duplex: No Grayscale: Yes Copies: 3 Comment:
May 26, 2007 3:00:35 AM	sam	232	\$23.20	Untitled1 - OpenOffice.org Writer	Printer: Win2003\Canon BJ 2000 A5 (ISO_A5) Duplex: Yes Grayscale: No Copies: 4 Comment:
May 31, 2007 3:44:36 AM	mark	189	\$18.90	Awesome Presentation - OpenOffice.org Impress	Printer: Win2003\HP LaserJet 5MP A3 (ISO_A3) Duplex: Yes Grayscale: Yes Copies: 3 Comment:
May 29, 2007 6:53:10 AM	mark	188	\$18.80	Awesome Presentation - OpenOffice.org Impress	Printer: macserver\HPLaserJ FOOLSCAP Duplex: Yes Grayscale: Yes Copies: 3 Comment:
May 28, 2007 11:40:49 AM	john	174	\$17.40	Stats - OpenOffice.org Writer	Printer: printserver\HP LaserJet 5MP A5 (ISO_A5) Duplex: No Grayscale: Yes Copies: 4 Comment:

This is a rank wise report of the largest printing jobs done.