SmartSESAME
SecurePrint!

No.1 share of the secure print system
We have achieved the

SmartSESAME®

M's eye [エムズアイ] **Consolidated log management platform**

Much of information leakage occurs via paper mediums. The SmartSESAME M's eye supports multiple manufacturers and allows you to collect job logs (such as print, copy, fax, scan, and other logs) from MFPs, and collectively manage them.
With its traceability, tracking when and which MFP performed what types of jobs by whom, M's eye can deter illegal use of MFPs and control the risk of information leakage, resulting in security enhancement.
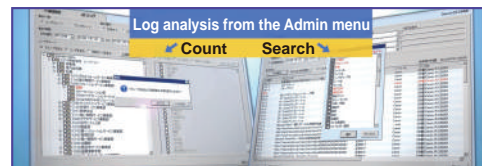
Outstanding log collection

- **Fully collects job logs, such as print, copy, scan, and fax logs of MFPs**
- **Multiple manufacturers are supported (Standard equipment of six manufacturers are supported)**

Copy logs	Print logs
Fax logs	Scan logs

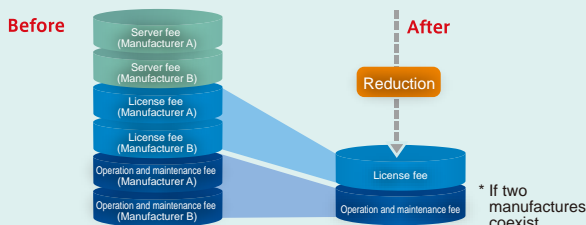## **V**arious log management screens and analysis functions

- **Manage the use status in a list by group, user, or model**
- **Easy-to-understand reports that include count and analysis results in tables and graphs are automatically created**

Log analysis from the Admin menu
Count   Search

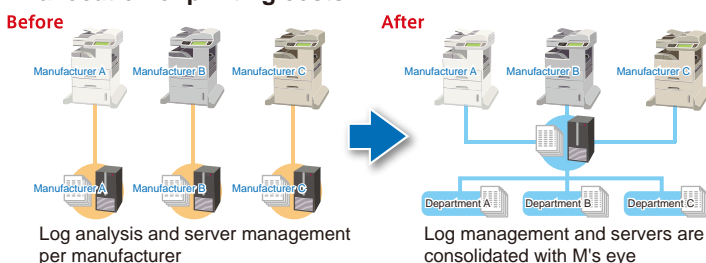| When |
|---|
| Who (which department) |
| Which model |
| What |
| In which printing method |

High cost performance

- **A log server specific to a manufacturer is not required**
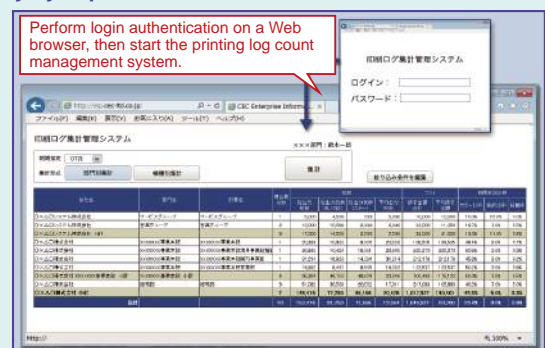- **Only basic usage charges are required for operating the service from the following year**

Before
Server fee (Manufacturer A)
Server fee (Manufacturer B)
License fee (Manufacturer A)
License fee (Manufacturer B)
Operation and maintenance fee (Manufacturer A)
Operation and maintenance fee (Manufacturer B)

After
Reduction
License fee
Operation and maintenance fee

* If two manufactures coexist

Taking the load off administrators

- **Log formats that vary depending on manufacturers can be unified under a single format and managed**
- **The printing status (such as the number of printouts and color) per department can be tracked, allowing easy allocation of printing costs**

Before
Manufacturer A   Manufacturer B   Manufacturer C
Manufacturer A   Manufacturer B   Manufacturer C
Log analysis and server management per manufacturer

After
Manufacturer A   Manufacturer B   Manufacturer C
Department A   Department B   Department C
Log management and servers are consolidated with M's eye

Monthly by department

Perform login authentication on a Web browser, then start the printing log count management system.

Count by model

Count and monthly changes per model can be output.

Yearly count changes by department

Monthly count by user

Count and monthly changes per model can be output.

* The screens are sample images of forms.

Problems with log management

Management costs

Management costs increase
Log obtainment methods and log formats (the output order of log information and logs) vary depending on manufacturers, taking significant time to count and analyze logs, and allocate costs to departments.

Log server

Log servers continue to increase
A log management server may be required per manufacturer. The more models of various manufactures are used, the more servers are required, incurring management and maintenance costs. If MFPs are consolidated under a single manufacturer, it is hard to replace them with models of other manufacturers.

Security

Security risk
Conventional print log systems that support multiple vendors use print command logs, which regard print jobs as being complete when the print data is sent. For this reason, users cannot tell whether the jobs have been printed or not.

Benefits from M's eye consolidated log

Management costs are reduced
Log formats that vary depending on manufacturers are unified under a single format, allowing users to collectively count and analyze logs, and allocate costs to departments.
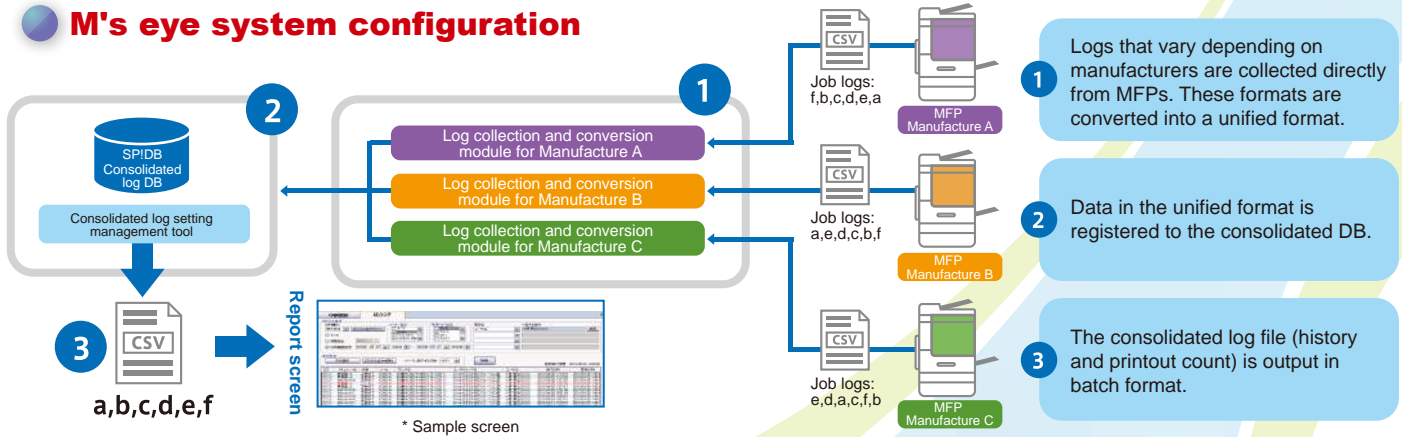
Log servers are consolidated
There is no need to have a log management server per manufacturer, allowing the consolidation of the servers. Even if MFPs of different manufacturers are introduced, burdens of system management do not increase.

Security
Job logs that are accumulated in MFPs, excluding print command logs, are directly obtained, allowing for management of accurate logs regarding whether jobs are printed or not, and when and which functions are used.

● M's eye system configuration

2 SP!DB Consolidated log DB

Consolidated log setting management tool

Log collection and conversion module for Manufacture A
Log collection and conversion module for Manufacture B
Log collection and conversion module for Manufacture C

3 CSV a,b,c,d,e,f

Report screen

* Sample screen

1 Job logs: f,b,c,d,e,a — MFP Manufacture A

2 Job logs: a,e,d,c,b,f — MFP Manufacture B

3 Job logs: e,d,a,c,f,b — MFP Manufacture C

1 Logs that vary depending on manufacturers are collected directly from MFPs. These formats are converted into a unified format.

2 Data in the unified format is registered to the consolidated DB.

3 The consolidated log file (history and printout count) is output in batch format.

Major history log items that are output from MFPs

No.	Items	Notes	No.	Items	Notes
1	Document name	Document name	14	Number of copies	
2	Group name	The name of a group to which a user who prints belongs	15	Log type	Print/Copy/Box/Reception/Fax transmission/Scan, etc.
3	User name		16	Number of A3 pages	Color/Black and white, each
4	Printer name		17	Number of A4 pages	Color/Black and white, each
5	Reception time	Time when a job starts	18	Number of B4 pages	Color/Black and white, each
6	Update time	Time when a job ends	19	Number of B5 pages	Color/Black and white, each
7	Paper size		20	Number of pages of other sizes	Color/Black and white, each
8	Color/Black and white		21	Error cause	Text string/code when an error occurs
9	1-sided/2-sided		22	Destination address	Fax number, mail address, save destination path, etc.
10	Page layout	One segment, Two segments, etc.	23	Destination name	Destination name for fax or other transmission
11	Bind direction	Long edge bind, short edge bind, etc.	24	Sender's address	Fax number, mail address
12	Toner saver	Yes, No	25	Sender's name	Sender's name for fax or other transmission
13	Total number of pages	Number of pages printed	26	Others	Area recorded by an individual manufacturer

Major count log items that are output from MFPs

No.	Items	Notes
1	Group name	The name of a group to which a user who prints belongs (printer)
2	User name (printer name)	
3	Total number of pages	Number of pages printed
4	Log type	Print/Copy/Box/Reception/Fax transmission/Scan, etc.
5	Number of A3 pages	Color/Black and white, each
6	Number of A4 pages	Color/Black and white, each
7	Number of B4 pages	Color/Black and white, each
8	Number of B5 pages	Color/Black and white, each
9	Number of pages of other sizes	Color/Black and white, each

* Other log items can be collected. For details, contact us.

* Some MFP models or manufactures require options. For details about supported models, contact us.