SOMANSA

Somansa Endpoint DLP

Privacy-i 6.0 Quick Guide

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Preparation

- Before installation of Privacy-i Endpoint DLP, the following equipment items is recommended when testing on-premise Somansa Server.

I. Isolated Environment

1. Router: Need to set up a private network environment (ex: 192.168.1.1)
2. RJ-45 Network Cables

   3- Minimum (1. Privacy-i Server to Router 2. Test computer to Router
   3. Management Computer to Router)
   * Additional test computers will require its own network cables.

3. Power Outlet for Privacy-i Server
4. Monitor
5. Keyboard
6. Test Computer(s): Minimum 1
7. Management Computer: Will utilize a browser (Chrome Recommended) to access the management console from Privacy-I Server

Preparation

- Before installation of Privacy-i Endpoint DLP, the following equipment items is recommended when testing on-premise Somansa. Server

I. Network Environment (Main)

1. RJ-45 Network Cables

   3- Minimum (1. Privacy-i Server to Router 2. Test computer to Router
   3. Management Computer to Router)
   * Additional test computers will require its own network cables.
2. Power Outlet for Privacy-i Server
3. Monitor
4. Keyboard
5. Test Computer(s): Minimum 1
6. Management Computer: Will utilize a browser (Chrome Recommended) to access the management console from Privacy-I Server

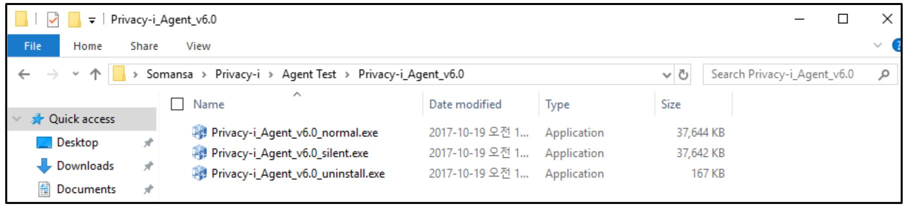
I. Privacy-i V6.0 Agent Installation

1. Agent Download

Please use provided Link or Agent File

2. Execute Download File

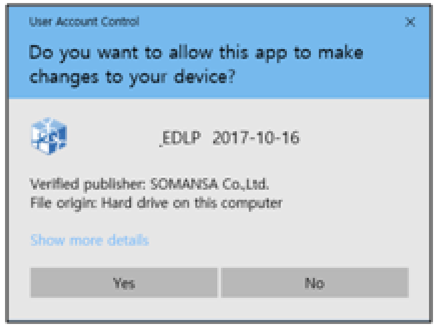
1) Click installation file



Privacy-i_Agent_v6.0
File
Home
Share
View
Somansa › Privacy-i › Agent Test › Privacy-i_Agent_v6.0
Search Privacy-i_Agent_v6.0
Quick access
Desktop
Downloads
Documents

Name	Date modified	Type	Size
Privacy-i_Agent_v6.0_normal.exe	2017-10-19 오전 1...	Application	37,644 KB
Privacy-i_Agent_v6.0_silent.exe	2017-10-19 오전 1...	Application	37,642 KB
Privacy-i_Agent_v6.0_uninstall.exe	2017-10-19 오전 1...	Application	167 KB

2) Click **Yes** button and Follow the step

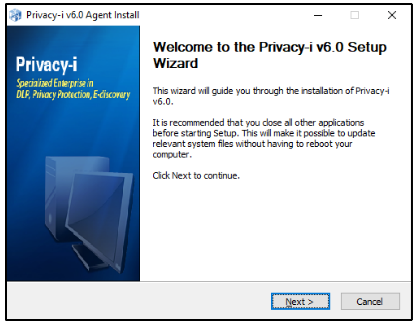


User Account Control

Do you want to allow this app to make changes to your device?

EDLP 2017-10-16

Verified publisher: SOMANSA Co.,Ltd.
File origin: Hard drive on this computer



Privacy-i v6.0 Agent Install

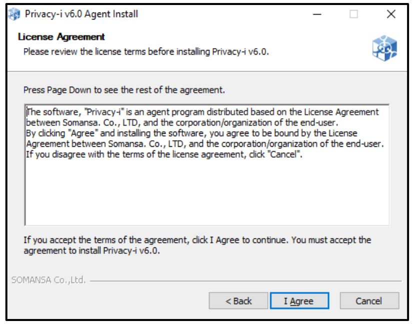
Welcome to the Privacy-i v6.0 Setup Wizard

This wizard will guide you through the installation of Privacy-i v6.0.

It is recommended that you close all other applications before starting Setup. This will make it possible to update relevant system files without having to reboot your computer.

Click Next to continue.

Privacy-i
Specialized Enterprise in DLP, Privacy Protection, E-discovery
Next >
Cancel



Privacy-i v6.0 Agent Install

License Agreement

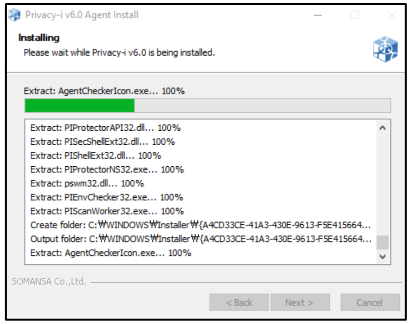
Please review the license terms before installing Privacy-i v6.0.

Press Page Down to see the rest of the agreement.

The software, "Privacy-i" is an agent program distributed based on the License Agreement between Somansa. Co., LTD, and the corporation/organization of the end-user.
By clicking "Agree" and installing the software, you agree to be bound by the License Agreement between Somansa. Co., LTD, and the corporation/organization of the end-user.
If you disagree with the terms of the license agreement, click "Cancel".

If you accept the terms of the agreement, click I Agree to continue. You must accept the agreement to install Privacy-i v6.0.

SOMANSA Co.,Ltd.



Privacy-i v6.0 Agent Install

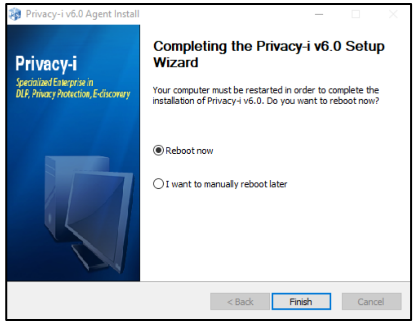
Installing

Please wait while Privacy-i v6.0 is being installed.

```
Extract: AgentCheckerIcon.exe... 100%

Extract: PIProtectorAPI32.dll... 100%
Extract: PISecShellExt32.dll... 100%
Extract: PIShellExt32.dll... 100%
Extract: PIProtectorNS32.exe... 100%
Extract: pswm32.dll... 100%
Extract: PIEnvChecker32.exe... 100%
Extract: PIScanWorker32.exe... 100%
Create folder: C:₩WINDOWS₩Installer₩{A4CD33CE-41A3-430E-9613-F5E415664...
Output folder: C:₩WINDOWS₩Installer₩{A4CD33CE-41A3-430E-9613-F5E415664...
Extract: AgentCheckerIcon.exe... 100%
```

SOMANSA Co.,Ltd.



Privacy-i v6.0 Agent Install

Completing the Privacy-i v6.0 Setup Wizard

Your computer must be restarted in order to complete the installation of Privacy-i v6.0. Do you want to reboot now?

● Reboot now

○ I want to manually reboot later

Privacy-i
Specialized Enterprise in DLP, Privacy Protection, E-discovery
< Back
Finish
Cancel

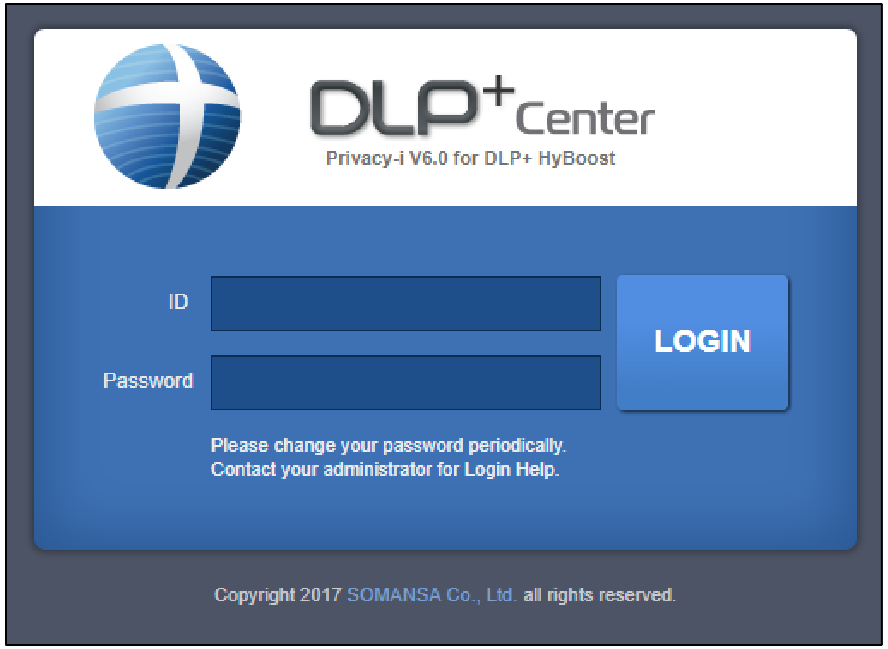
II. DLP+Center (Management Console)

1. Go to DLP+Center

https://IP_address/DLPcenter

2. Login

Enter given ID and Password



Please change your password periodically.
Contact your administrator for Login Help.

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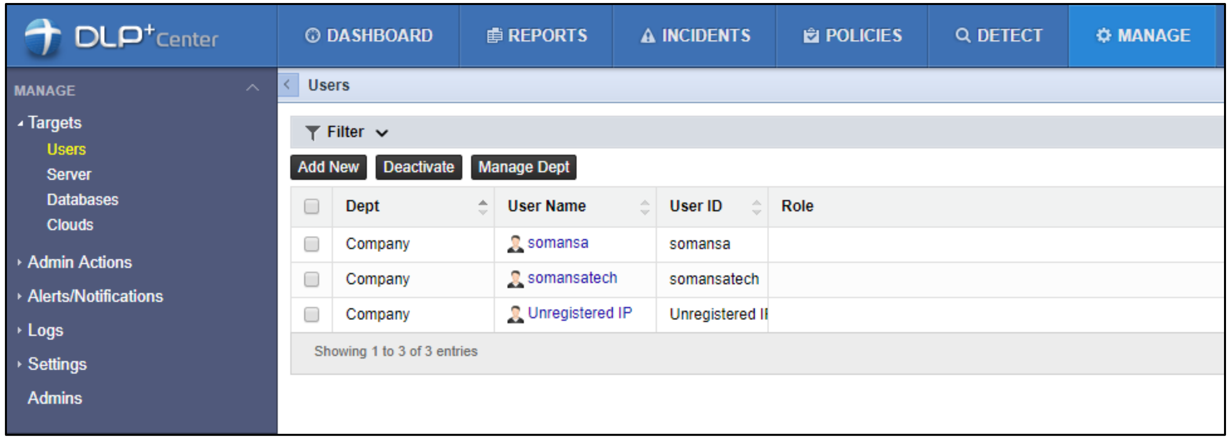
II. DLP+Center (Management Console)

3. MANAGE > Targets > Users

Click **Add New** button



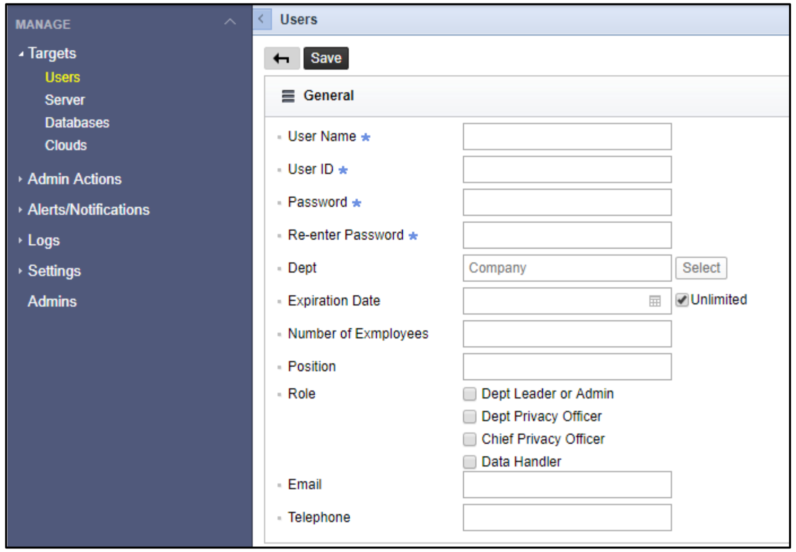
☐	Dept	User Name	User ID	Role
☐	Company	somansa	somansa	
☐	Company	somansatech	somansatech	
☐	Company	Unregistered IP	Unregistered II	

Showing 1 to 3 of 3 entries

4. Input information

User Name, User ID, Password should be input.

- User Name can be duplicated, but user ID should be unique.
- Deleting users is not allowed, but user status can be inactivated.



User Name *

User ID *

Password *

Re-enter Password *

Dept: Company

Expiration Date ☑ Unlimited

Number of Exmployees

Position

Role: ☐ Dept Leader or Admin ☐ Dept Privacy Officer ☐ Chief Privacy Officer ☐ Data Handler

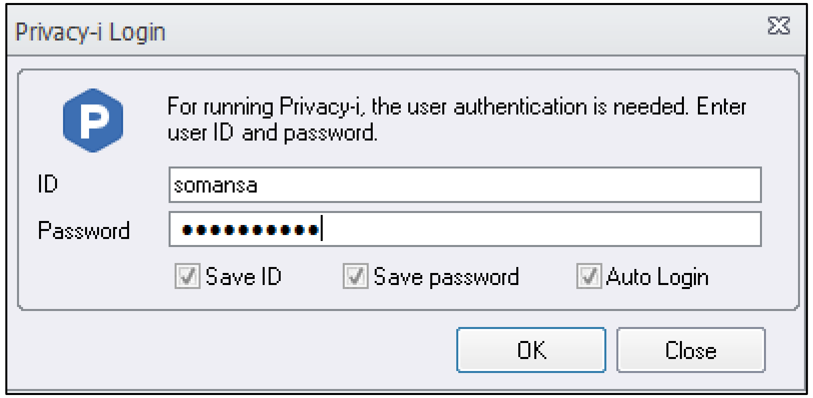
Email

Telephone

III. Agent Login

1. Agent > Log-in

Input **User ID** and **Password**



Privacy-i Login

For running Privacy-i, the user authentication is needed. Enter user ID and password.

ID: somansa

Password: ●●●●●●●●●●●

☑ Save ID ☑ Save password ☑ Auto Login

IV. Scenario

i. **Inspection: Detect documents having five or more credit card numbers**

ii. **Decide Policy: Self approval**

iii. **Endpoint Policy**

A. Copy Prevent : Block only document having credit card number, allow others

B. Upload Prevent : Allow uploading all document on Google Drive and Save original file

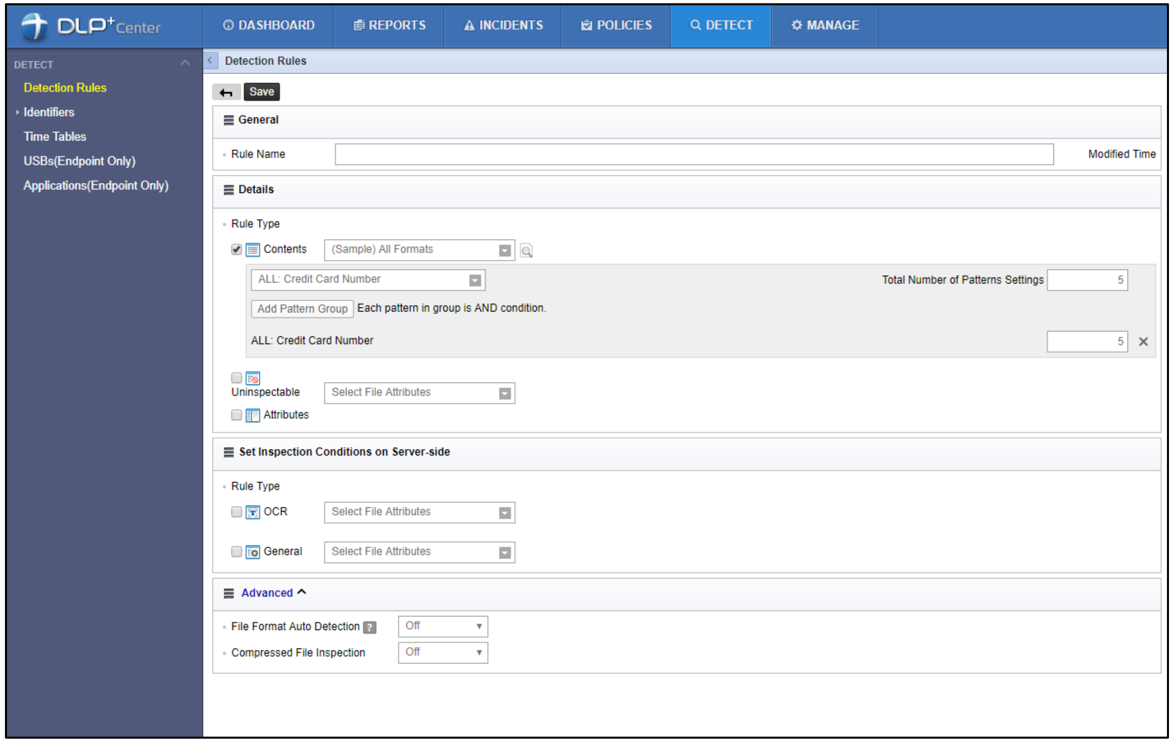
C. Print Prevent : Block printing all documents except approved one.

D. Test on the computer

i. Inspection: Detect documents having five or more credit card number

1. Create Detection Rule

1) DLP+Center > Detect > Detection Rules
2) Click **Add New**
3) Put <u>Rule Name</u>
4) Select <u>Rule Type</u> for **Contents**
5) Select <u>File Attributes</u>
6) Select <u>Patterns</u> for **Credit Card Number**
7) Put <u>Total Number of Pattern Settings</u> as **5**
8) Click **Save**



Detection Rules

General

Rule Name | Modified Time

Details

Rule Type

☑ Contents (Sample) All Formats

ALL: Credit Card Number — Total Number of Patterns Settings 5

Add Pattern Group Each pattern in group is AND condition.

ALL: Credit Card Number 5 ×

☐ Uninspectable Select File Attributes

☐ Attributes

Set Inspection Conditions on Server-side

Rule Type

☐ OCR Select File Attributes

☐ General Select File Attributes

Advanced ^

File Format Auto Detection ? Off

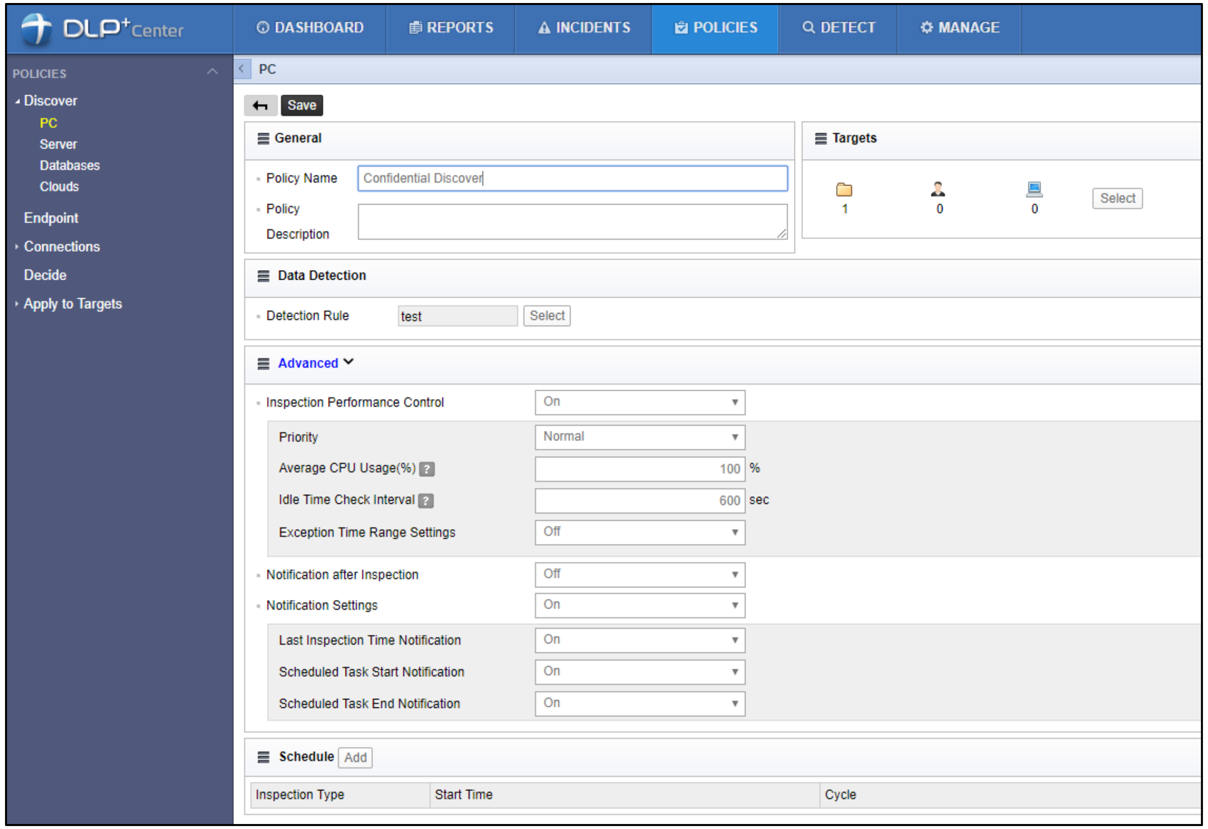
Compressed File Inspection Off

i. Inspection: Detect documents having five or more credit card number

2. Discover Policy Rule Setting

1) DLP+Center > POLICIES > Discover > PCs
2) Click **Add New**
3) Put information as <u>Policy Name</u> and <u>Policy Description</u>
4) Select <u>Target</u> you want to apply to
5) Select <u>Detection Rule</u>
6) Click **Save**
7) Click **Apply Policy**

* You should click **Apply Policy** button in order to apply to the target agent.



General

Policy Name: Confidential Discover

Policy Description:

Data Detection

Detection Rule: test

Advanced

Inspection Performance Control	On
Priority	Normal
Average CPU Usage(%)	100 %
Idle Time Check Interval	600 sec
Exception Time Range Settings	Off
Notification after Inspection	Off
Notification Settings	On
Last Inspection Time Notification	On
Scheduled Task Start Notification	On
Scheduled Task End Notification	On

Schedule

Inspection Type	Start Time	Cycle

i. Inspection: Detect documents having five or more credit card number

3. Update Policy in agent

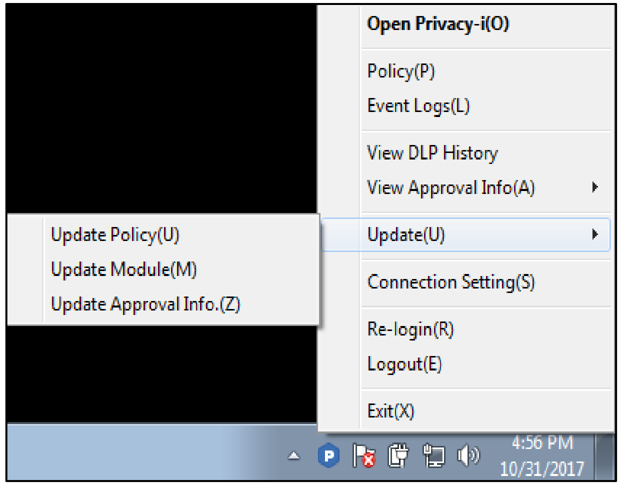
1) Mouse right click **Privacy-i** icon in taskbar
2) Update > Update Policy
3) Click **Policy** and Check <u>Policy Name</u>

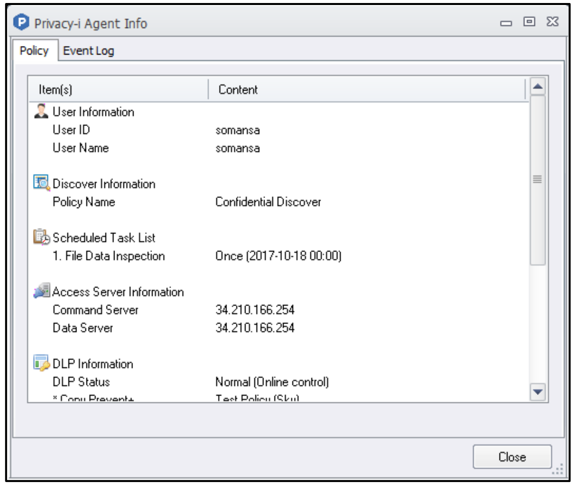
* This step is for updating policy manually.

It is automatically updated every 10 minutes.

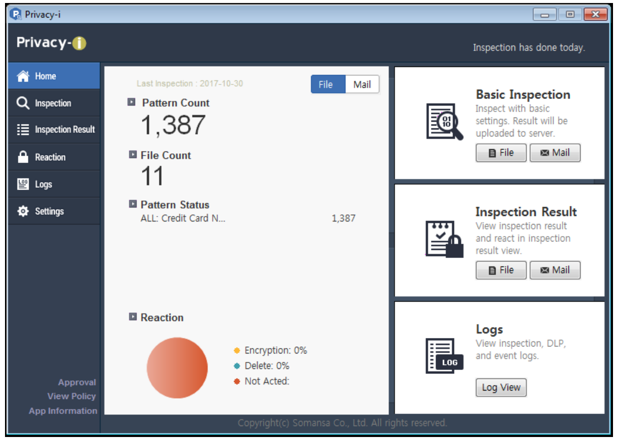
4. Check Inspection

1) Open Privacy-i
2) Click Basic Inspection > File
3) After Inspection, Click **View Results**





Item(s)	Content
User Information	
User ID	somansa
User Name	somansa
Discover Information	
Policy Name	Confidential Discover
Scheduled Task List	
1. File Data Inspection	Once (2017-10-18 00:00)
Access Server Information	
Command Server	34.210.166.254
Data Server	34.210.166.254
DLP Information	
DLP Status	Normal (Online control)
* Copy Prevent+	Test Policy (Sky)



Inspection has done today.

Last Inspection : 2017-10-30

Pattern Count
1,387

File Count
11

Pattern Status
ALL: Credit Card N... 1,387

Reaction
Encryption: 0%
Delete: 0%
Not Acted:

Basic Inspection: Inspect with basic settings. Result will be uploaded to server.

Inspection Result: View inspection result and react in inspection result view.

Logs: View inspection, DLP, and event logs.

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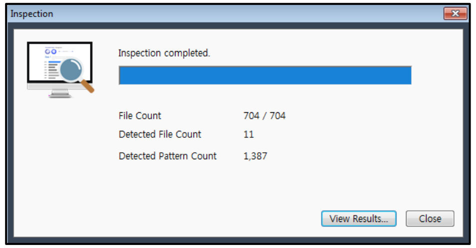
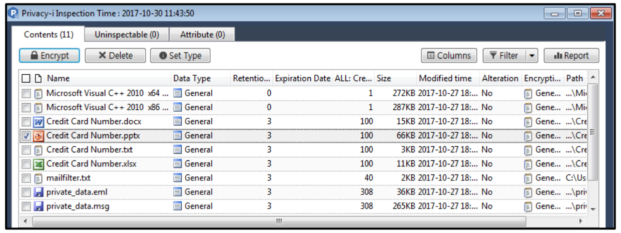


Inspection completed.

File Count 704 / 704
Detected File Count 11
Detected Pattern Count 1,387

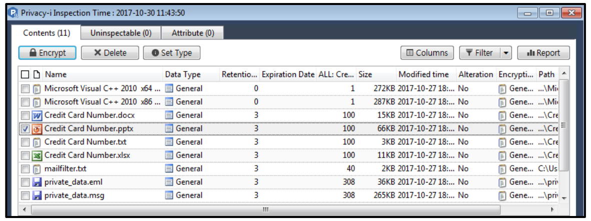


□	Name	Data Type	Retentio...	Expiration Date	ALL: Cre...	Size	Modified time	Alteration	Encrypti...	Path
□	Microsoft Visual C++ 2010 x64 ...	General	0		1	272KB	2017-10-27 18:...	No	Gene...	...\Mi
□	Microsoft Visual C++ 2010 x86 ...	General	0		1	287KB	2017-10-27 18:...	No	Gene...	...\Mi
□	Credit Card Number.docx	General	3		100	15KB	2017-10-27 18:...	No	Gene...	...\Cre
☑	Credit Card Number.pptx	General	3		100	66KB	2017-10-27 18:...	No	Gene...	...\Cre
□	Credit Card Number.txt	General	3		100	3KB	2017-10-27 18:...	No	Gene...	...\Cre
□	Credit Card Number.xlsx	General	3		100	11KB	2017-10-27 18:...	No	Gene...	...\Cre
□	mailfilter.txt	General	3		40	2KB	2017-10-27 18:...	No	Gene...	C:\Us
□	private_data.eml	General	3		308	36KB	2017-10-27 18:...	No	Gene...	...\pri
□	private_data.msg	General	3		308	265KB	2017-10-27 18:...	No	Gene...	...\pri

i. Inspection: Detect documents having five or more credit card number

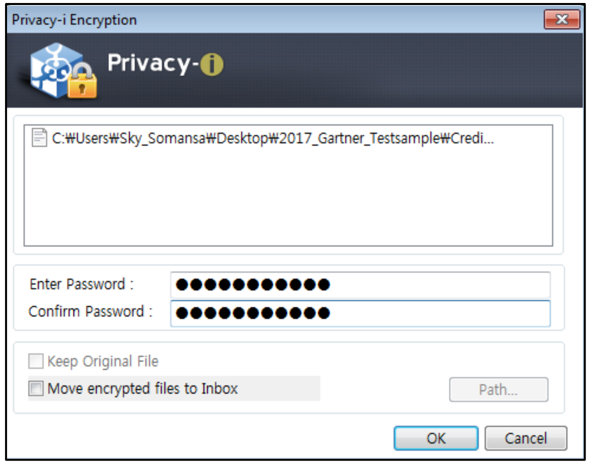
5. Encrypt the document

1) After Inspection, Click **View Results**
2) Click the document for Encryption
3) Click **Encrypt** button
4) Enter Password and Click OK



Privacy-i Inspection Time : 2017-10-30 11:43:50

☐	Name	Data Type	Retentio...	Expiration Date	ALL: Cre...	Size	Modified time	Alteration	Encrypti...	Path
☐	Microsoft Visual C++ 2010 x64 ...	General	0		1	272KB	2017-10-27 18:...	No	Gene...	...\Mi
☐	Microsoft Visual C++ 2010 x86 ...	General	0		1	287KB	2017-10-27 18:...	No	Gene...	...\Mi
☐	Credit Card Number.docx	General	3		100	15KB	2017-10-27 18:...	No	Gene...	...\Cre
☑	Credit Card Number.pptx	General	3		100	66KB	2017-10-27 18:...	No	Gene...	...\Cre
☐	Credit Card Number.txt	General	3		100	3KB	2017-10-27 18:...	No	Gene...	...\Cre
☐	Credit Card Number.xlsx	General	3		100	11KB	2017-10-27 18:...	No	Gene...	...\Cre
☐	mailfilter.txt	General	3		40	2KB	2017-10-27 18:...	No	Gene...	C:\Us
☐	private_data.eml	General	3		308	36KB	2017-10-27 18:...	No	Gene...	...\pri
☐	private_data.msg	General	3		308	265KB	2017-10-27 18:...	No	Gene...	...\pri



Privacy-i Encryption

C:₩Users₩Sky_Somansa₩Desktop₩2017_Gartner_Testsample₩Credi...

Enter Password : ●●●●●●●●●●●

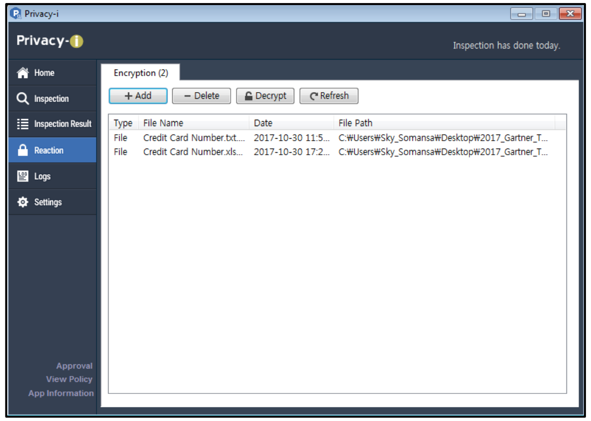
Confirm Password : ●●●●●●●●●●●

☐ Keep Original File

☐ Move encrypted files to Inbox

6. Decrypt the document

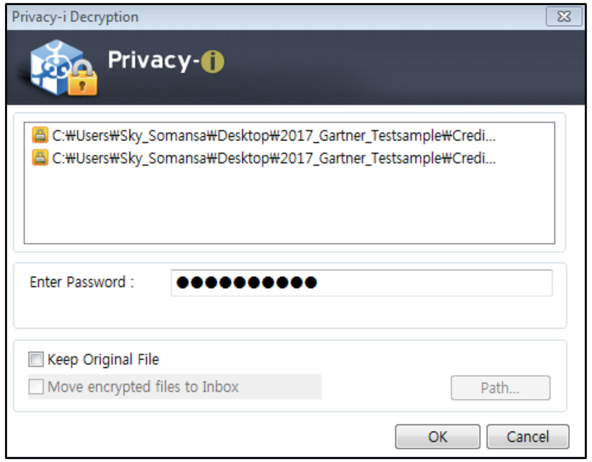
1) Go to **Reaction** in Agent
2) Select encrypted files and Click **Decrypt**
3) Enter password
   * If the password of encrypted files are same, it is possible to select and decrypt multiple files.



Privacy-i

Inspection has done today.

Type	File Name	Date	File Path
File	Credit Card Number.txt....	2017-10-30 11:5...	C:₩Users₩Sky_Somansa₩Desktop₩2017_Gartner_T...
File	Credit Card Number.xls...	2017-10-30 17:2...	C:₩Users₩Sky_Somansa₩Desktop₩2017_Gartner_T...



Privacy-i Decryption

C:₩Users₩Sky_Somansa₩Desktop₩2017_Gartner_Testsample₩Credi...
C:₩Users₩Sky_Somansa₩Desktop₩2017_Gartner_Testsample₩Credi...

Enter Password : ●●●●●●●●●●

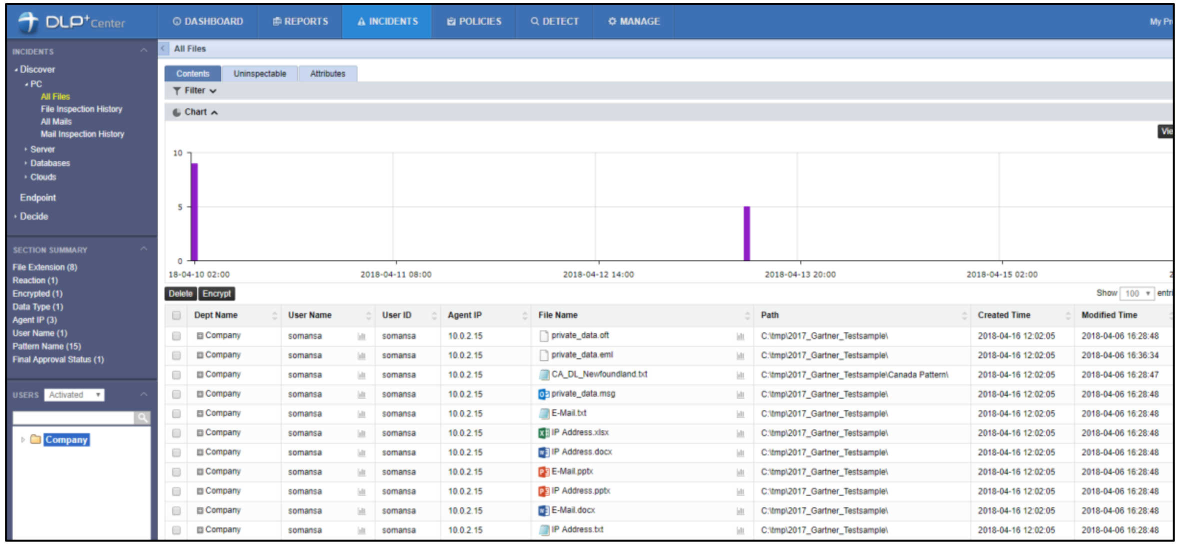
☐ Keep Original File

☐ Move encrypted files to Inbox

i. Inspection: Detect documents having five or more credit card number

7. Detection Results in DLP+Center

1) DLP+Center > INSPECTION > Discover > PC > All Files



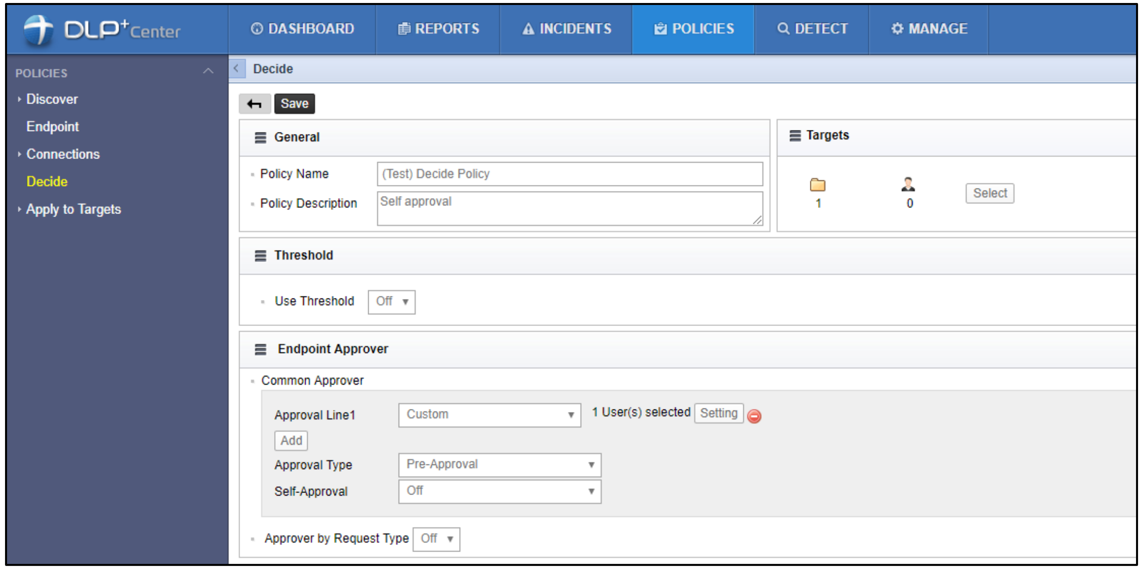
□	Dept Name	User Name	User ID	Agent IP	File Name	Path	Created Time	Modified Time
□	Company	somansa	somansa	10.0.2.15	private_data.oft	C:\tmp\2017_Gartner_Testsample\	2018-04-16 12:02:05	2018-04-06 16:28:48
□	Company	somansa	somansa	10.0.2.15	private_data.eml	C:\tmp\2017_Gartner_Testsample\	2018-04-16 12:02:05	2018-04-06 16:36:34
□	Company	somansa	somansa	10.0.2.15	CA_DL_Newfoundland.txt	C:\tmp\2017_Gartner_Testsample\Canada Pattern\	2018-04-16 12:02:05	2018-04-06 16:28:47
□	Company	somansa	somansa	10.0.2.15	private_data.msg	C:\tmp\2017_Gartner_Testsample\	2018-04-16 12:02:05	2018-04-06 16:28:48
□	Company	somansa	somansa	10.0.2.15	E-Mail.txt	C:\tmp\2017_Gartner_Testsample\	2018-04-16 12:02:05	2018-04-06 16:28:48
□	Company	somansa	somansa	10.0.2.15	IP Address.xlsx	C:\tmp\2017_Gartner_Testsample\	2018-04-16 12:02:05	2018-04-06 16:28:48
□	Company	somansa	somansa	10.0.2.15	IP Address.docx	C:\tmp\2017_Gartner_Testsample\	2018-04-16 12:02:05	2018-04-06 16:28:48
□	Company	somansa	somansa	10.0.2.15	E-Mail.pptx	C:\tmp\2017_Gartner_Testsample\	2018-04-16 12:02:05	2018-04-06 16:28:48
□	Company	somansa	somansa	10.0.2.15	IP Address.pptx	C:\tmp\2017_Gartner_Testsample\	2018-04-16 12:02:05	2018-04-06 16:28:48
□	Company	somansa	somansa	10.0.2.15	E-Mail.docx	C:\tmp\2017_Gartner_Testsample\	2018-04-16 12:02:05	2018-04-06 16:28:48
□	Company	somansa	somansa	10.0.2.15	IP Address.txt	C:\tmp\2017_Gartner_Testsample\	2018-04-16 12:02:05	2018-04-06 16:28:48

ii. Decide Policy: Self Approval

1. Create a Decide Policy

1) DLP+Center > POLICIES > Decide
2) Click **Add New**
3) Put information as Policy Name and Policy Description
4) Select **Targets**
5) Select Approval Line as Custom and Click **Setting** to select specific users
6) Click **Save**
7) Click **Apply Policy**

* You should click **Apply Policy** button in order to apply to the target agent.



Policy Name: (Test) Decide Policy

Policy Description: Self approval

Use Threshold: Off

Common Approver

Approval Line1: Custom — 1 User(s) selected

Approval Type: Pre-Approval

Self-Approval: Off

Approver by Request Type: Off

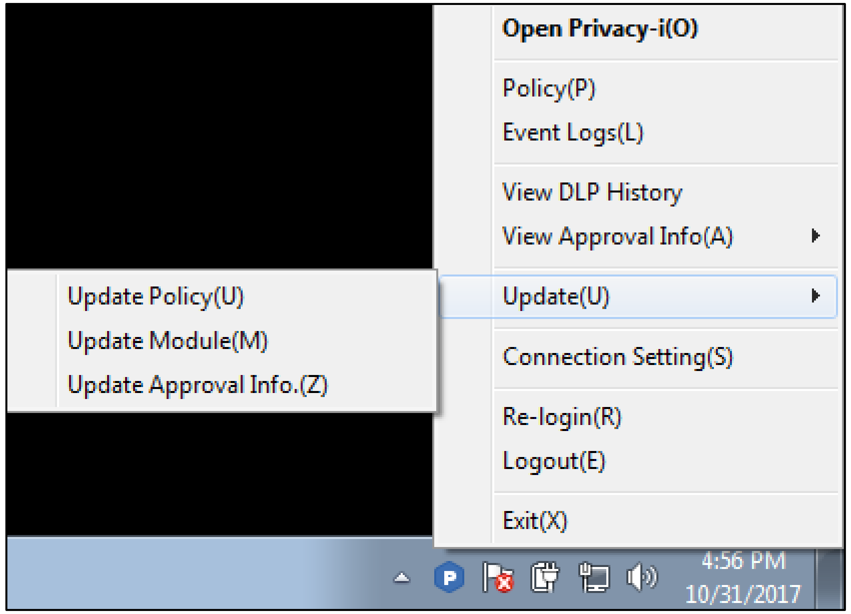
ii. Decide Policy: Self Approval

2. Update Policy in Agent

1) Mouse right click **Privacy-i** icon in taskbar
2) Update > Update Policy

* This step is for updating policy manually.

It is automatically updated every 10 minutes.



iii. Endpoint Policy

- **It is possible to make multiple policies in one page.**

- **For this quick guide, test scenarios are as followings:**

A. Copy Prevent : Block only document having credit card number, allow others

B. Upload Prevent : Allow uploading all document on Google Drive and Save original file

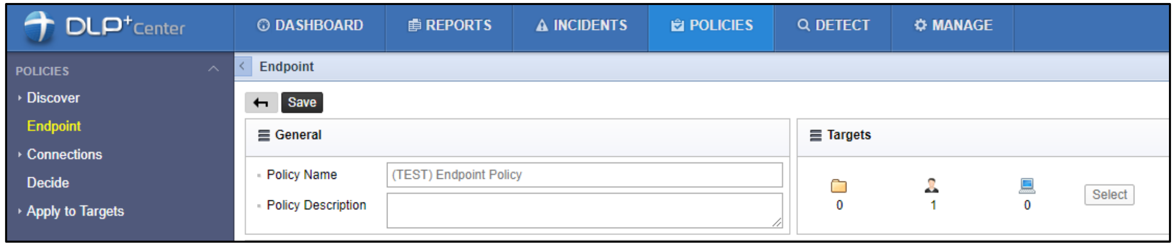
C. Print Prevent : Block printing all documents except approved one.

D. Test on the computer

iii. Endpoint Policy

1. Create Endpoint policy

1) DLP+Center > POLICIES > Endpoint
2) Click **Add New**
3) Put general information as <u>Policy Name</u>, <u>Policy Description</u>
4) Select **Targets**



Policy Name: (TEST) Endpoint Policy

Policy Description:

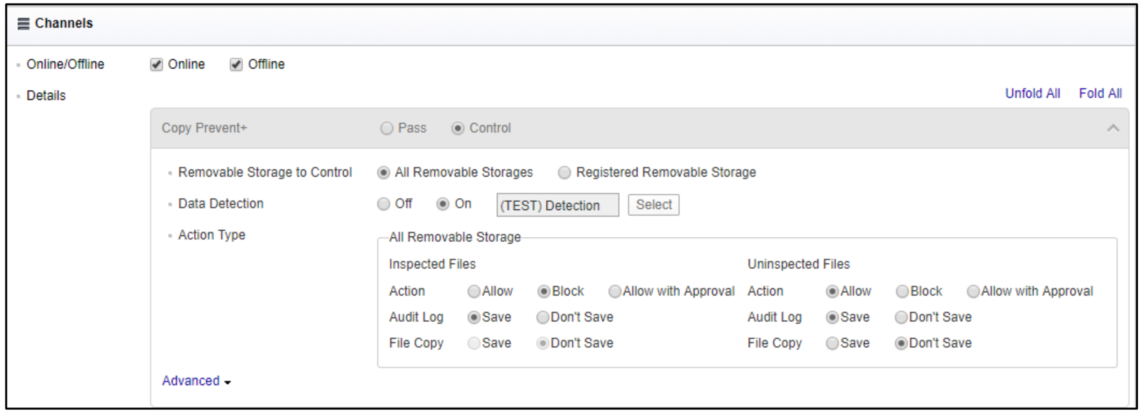
Targets: 0 1 0

2. Copy Prevent Setting

1) Select **Control**
2) Select **Data Detection** to detect specific files
3) Select **Action** Type
   - Inspected Files: Block
   - Uninspected Files: Allow

   * Inspected files are the result from detection rule
4) Select **Audit Log** - **Save**

   * To check the log in INCIDENT page later



Online/Offline: ☑ Online ☑ Offline

Details

Copy Prevent+ ○ Pass ● Control

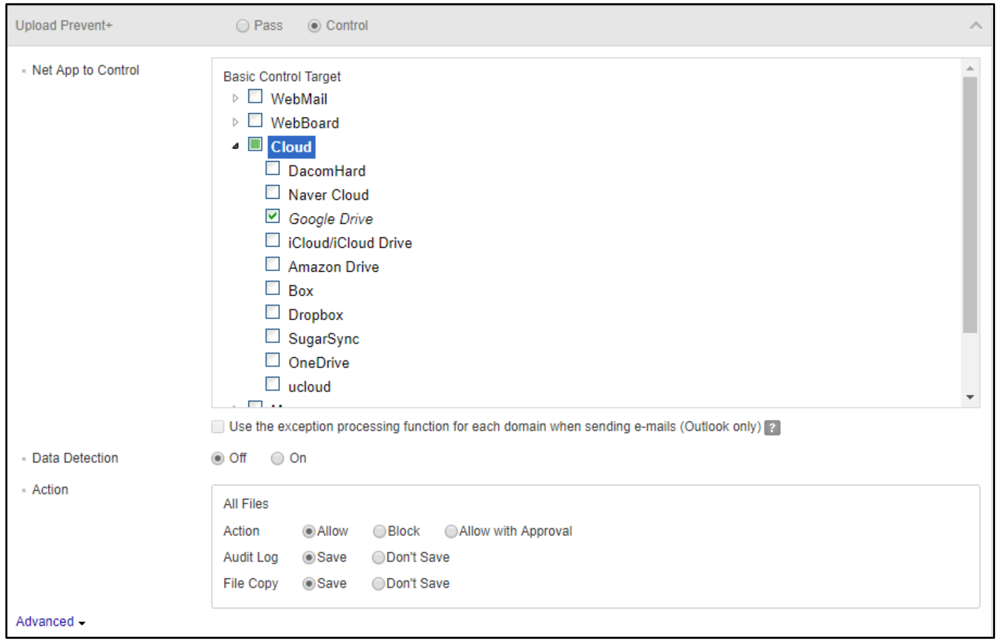
- Removable Storage to Control: ● All Removable Storages ○ Registered Removable Storage
- Data Detection: ○ Off ● On (TEST) Detection
- Action Type: All Removable Storage

Inspected Files				Uninspected Files			
Action	○ Allow	● Block	○ Allow with Approval	Action	● Allow	○ Block	○ Allow with Approval
Audit Log	● Save	○ Don't Save		Audit Log	● Save	○ Don't Save	
File Copy	○ Save	● Don't Save		File Copy	○ Save	● Don't Save	

iii. Endpoint Policy

3. Upload Prevent Setting

1) Select **Control**
2) Select **Net App to Control** as Google Drive
3) Data Detection Off
4) Select **Action** Type - Allow
5) Select **Audit Log** - **Save**
   * To check the log in INCIDENT page later
6) Select **File Copy - Save**



Upload Prevent+ ○ Pass ● Control

Net App to Control

Basic Control Target

- □ WebMail
- □ WebBoard
- ■ Cloud
  - □ DacomHard
  - □ Naver Cloud
  - ☑ Google Drive
  - □ iCloud/iCloud Drive
  - □ Amazon Drive
  - □ Box
  - □ Dropbox
  - □ SugarSync
  - □ OneDrive
  - □ ucloud

□ Use the exception processing function for each domain when sending e-mails (Outlook only) ?

Data Detection ● Off ○ On

Action

All Files

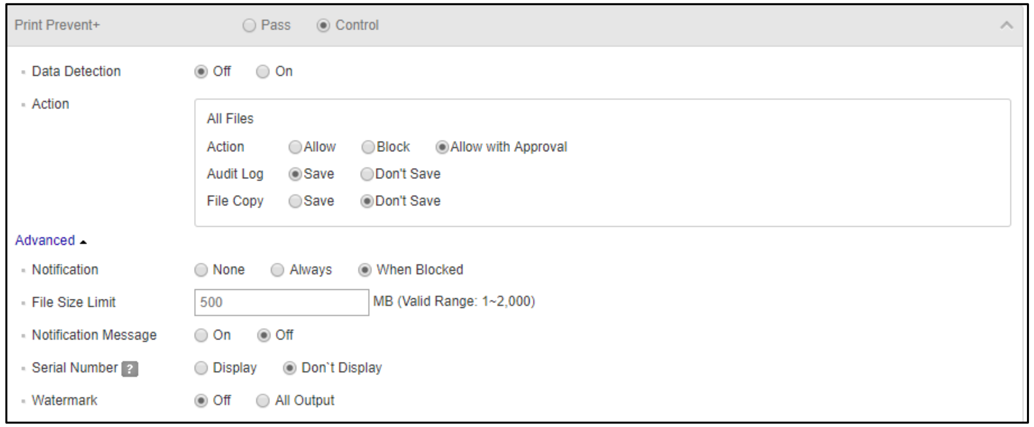
Action	● Allow	○ Block	○ Allow with Approval
Audit Log	● Save	○ Don't Save	
File Copy	● Save	○ Don't Save	

Advanced

iii. Endpoint Policy

4. Print Prevent Setting

1) Select **Control**
2) Data Detection Off
3) Select **Action** Type – Allow with Approval
4) Select **Audit Log** - **Save**
   * To check the log in INCIDENT page later
5) Select **File Copy – Don't Save**



Print Prevent+ ○ Pass ● Control

- Data Detection ● Off ○ On
- Action

  All Files

Action	○Allow	○Block	●Allow with Approval
Audit Log	●Save	○Don't Save	
File Copy	○Save	●Don't Save	

Advanced ▴

- Notification ○ None ○ Always ● When Blocked
- File Size Limit 500 MB (Valid Range: 1~2,000)
- Notification Message ○ On ● Off
- Serial Number ? ○ Display ● Don`t Display
- Watermark ● Off ○ All Output

*** There are Advanced options:**

- Serial Number: Random identification codes to the printouts

- Watermark: You should request before making agent package.

5. Save and Apply the policy

1) Click **Save** after policy settings
2) Click **Apply Policy**

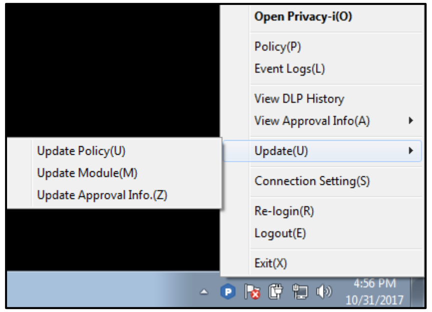
iii. Endpoint Policy

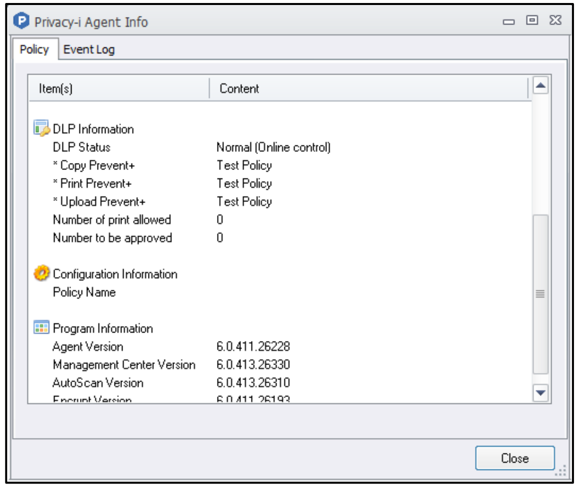
6. Update Policy in Agent

1) Mouse right click **Privacy-i** icon in taskbar
2) Update > Update Policy
3) Click **Policy** and Check Policy Name

* This step is for updating policy manually.

It is automatically updated every 10 minutes.

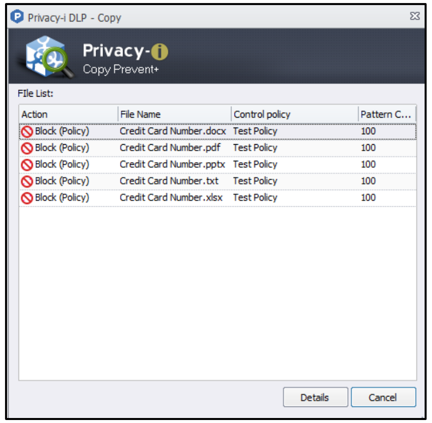




Item(s)	Content
DLP Information	
DLP Status	Normal (Online control)
* Copy Prevent+	Test Policy
* Print Prevent+	Test Policy
* Upload Prevent+	Test Policy
Number of print allowed	0
Number to be approved	0
Configuration Information	
Policy Name	
Program Information	
Agent Version	6.0.411.26228
Management Center Version	6.0.413.26330
AutoScan Version	6.0.413.26310
Encrypt Version	6.0.411.26193

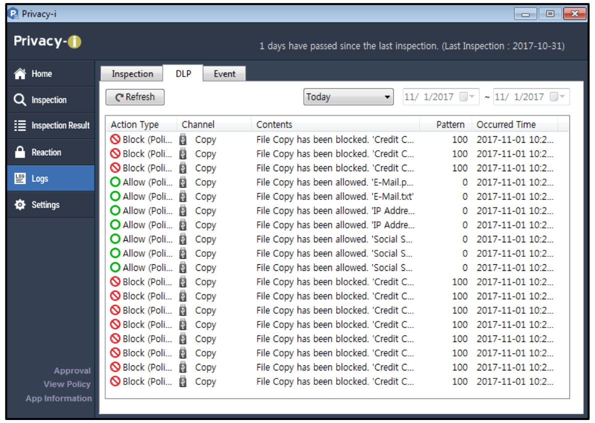
7. Copy Prevent Test

1) Try to Copy documents from desktop to USB
2) Open Privacy-i > Logs
3) Tab DLP
4) Check the logs
   - block documents having credit card numbers
   - allow others



FIle List:

Action	File Name	Control policy	Pattern C...
Block (Policy)	Credit Card Number.docx	Test Policy	100
Block (Policy)	Credit Card Number.pdf	Test Policy	100
Block (Policy)	Credit Card Number.pptx	Test Policy	100
Block (Policy)	Credit Card Number.txt	Test Policy	100
Block (Policy)	Credit Card Number.xlsx	Test Policy	100



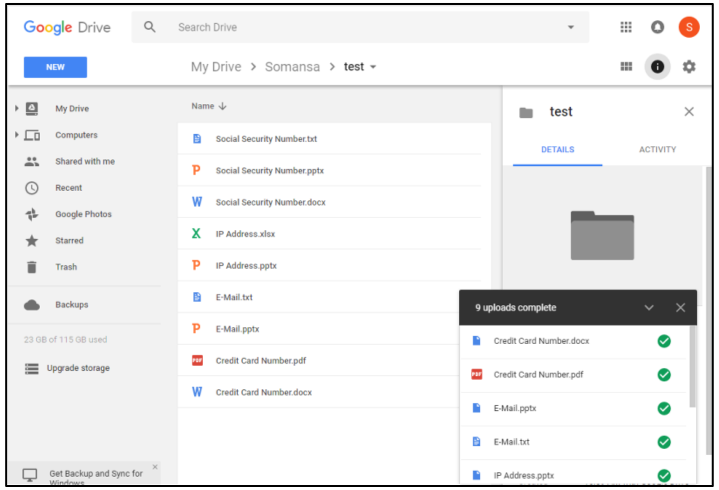
1 days have passed since the last inspection. (Last Inspection : 2017-10-31)

Action Type	Channel	Contents	Pattern	Occurred Time
Block (Poli...	Copy	File Copy has been blocked. 'Credit C...	100	2017-11-01 10:2...
Block (Poli...	Copy	File Copy has been blocked. 'Credit C...	100	2017-11-01 10:2...
Block (Poli...	Copy	File Copy has been blocked. 'Credit C...	100	2017-11-01 10:2...
Allow (Poli...	Copy	File Copy has been allowed. 'E-Mail.p...	0	2017-11-01 10:2...
Allow (Poli...	Copy	File Copy has been allowed. 'E-Mail.txt'	0	2017-11-01 10:2...
Allow (Poli...	Copy	File Copy has been allowed. 'IP Addre...	0	2017-11-01 10:2...
Allow (Poli...	Copy	File Copy has been allowed. 'IP Addre...	0	2017-11-01 10:2...
Allow (Poli...	Copy	File Copy has been allowed. 'Social S...	0	2017-11-01 10:2...
Allow (Poli...	Copy	File Copy has been allowed. 'Social S...	0	2017-11-01 10:2...
Allow (Poli...	Copy	File Copy has been allowed. 'Social S...	0	2017-11-01 10:2...
Block (Poli...	Copy	File Copy has been blocked. 'Credit C...	100	2017-11-01 10:2...
Block (Poli...	Copy	File Copy has been blocked. 'Credit C...	100	2017-11-01 10:2...
Block (Poli...	Copy	File Copy has been blocked. 'Credit C...	100	2017-11-01 10:2...
Block (Poli...	Copy	File Copy has been blocked. 'Credit C...	100	2017-11-01 10:2...
Block (Poli...	Copy	File Copy has been blocked. 'Credit C...	100	2017-11-01 10:2...
Block (Poli...	Copy	File Copy has been blocked. 'Credit C...	100	2017-11-01 10:2...
Block (Poli...	Copy	File Copy has been blocked. 'Credit C...	100	2017-11-01 10:2...
Block (Poli...	Copy	File Copy has been blocked. 'Credit C...	100	2017-11-01 10:2...

iii. Endpoint Policy

8. Upload Prevent Test

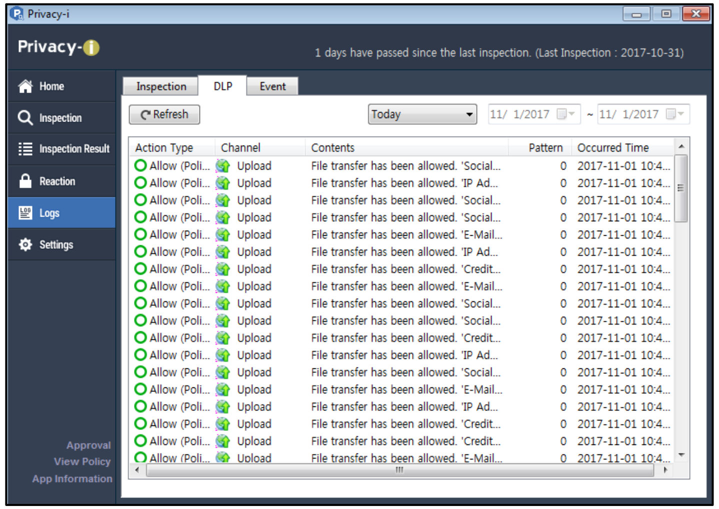
1) Try to upload documents to Google Drive
2) Open Privacy-i agent in desktop
3) Go to Logs
4) Tab DLP
5) Check logs
   - allow all document regardless of contents



Social Security Number.txt
Social Security Number.pptx
Social Security Number.docx
IP Address.xlsx
IP Address.pptx
E-Mail.txt
E-Mail.pptx
Credit Card Number.pdf
Credit Card Number.docx

9 uploads complete

Credit Card Number.docx ✓
Credit Card Number.pdf ✓
E-Mail.pptx ✓
E-Mail.txt ✓
IP Address.pptx ✓



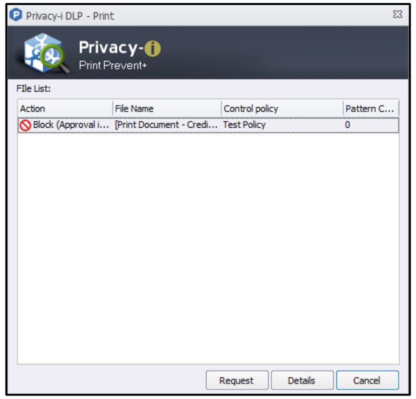
1 days have passed since the last inspection. (Last Inspection : 2017-10-31)

Action Type	Channel	Contents	Pattern	Occurred Time
Allow (Poli...	Upload	File transfer has been allowed. 'Social...	0	2017-11-01 10:4...
Allow (Poli...	Upload	File transfer has been allowed. 'IP Ad...	0	2017-11-01 10:4...
Allow (Poli...	Upload	File transfer has been allowed. 'Social...	0	2017-11-01 10:4...
Allow (Poli...	Upload	File transfer has been allowed. 'Social...	0	2017-11-01 10:4...
Allow (Poli...	Upload	File transfer has been allowed. 'E-Mail...	0	2017-11-01 10:4...
Allow (Poli...	Upload	File transfer has been allowed. 'IP Ad...	0	2017-11-01 10:4...
Allow (Poli...	Upload	File transfer has been allowed. 'Credit...	0	2017-11-01 10:4...
Allow (Poli...	Upload	File transfer has been allowed. 'E-Mail...	0	2017-11-01 10:4...
Allow (Poli...	Upload	File transfer has been allowed. 'Social...	0	2017-11-01 10:4...
Allow (Poli...	Upload	File transfer has been allowed. 'Social...	0	2017-11-01 10:4...
Allow (Poli...	Upload	File transfer has been allowed. 'Credit...	0	2017-11-01 10:4...
Allow (Poli...	Upload	File transfer has been allowed. 'IP Ad...	0	2017-11-01 10:4...
Allow (Poli...	Upload	File transfer has been allowed. 'Social...	0	2017-11-01 10:4...
Allow (Poli...	Upload	File transfer has been allowed. 'E-Mail...	0	2017-11-01 10:4...
Allow (Poli...	Upload	File transfer has been allowed. 'IP Ad...	0	2017-11-01 10:4...
Allow (Poli...	Upload	File transfer has been allowed. 'Credit...	0	2017-11-01 10:4...
Allow (Poli...	Upload	File transfer has been allowed. 'Credit...	0	2017-11-01 10:4...
Allow (Poli...	Upload	File transfer has been allowed. 'E-Mail...	0	2017-11-01 10:4...

iii. Endpoint Policy

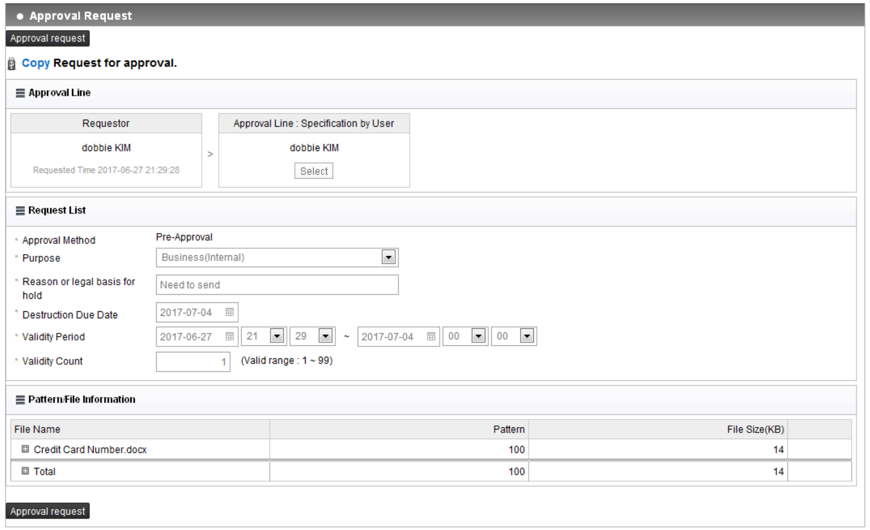
9. Print Prevent Test

1) Try to print documents having credit card numbers
2) Click **Request** button
3) Request form will be displayed in browser
4) Select Approval Line the user as self-approval
5) Put information and select details
6) Click **Approval request**
7) Try again to print approved document
8) Check logs in agent



FIle List:

Action	File Name	Control policy	Pattern C…
Block (Approval i…	[Print Document - Credi…	Test Policy	0



Copy Request for approval.

Approval Line

Requestor	>	Approval Line : Specification by User
dobbie KIM Requested Time 2017-06-27 21:29:28		dobbie KIM

Request List

- Approval Method: Pre-Approval
- Purpose: Business(Internal)
- Reason or legal basis for hold: Need to send
- Destruction Due Date: 2017-07-04
- Validity Period: 2017-06-27 21 29 ~ 2017-07-04 00 00
- Validity Count: 1 (Valid range : 1 ~ 99)

Pattern/File Information

File Name	Pattern	File Size(KB)
Credit Card Number.docx	100	14
Total	100	14

V. Check Logs in DLP+ Center

1. DLP+Center > Log-in

Put **ID** and **Password**

2. Check the result of inspection

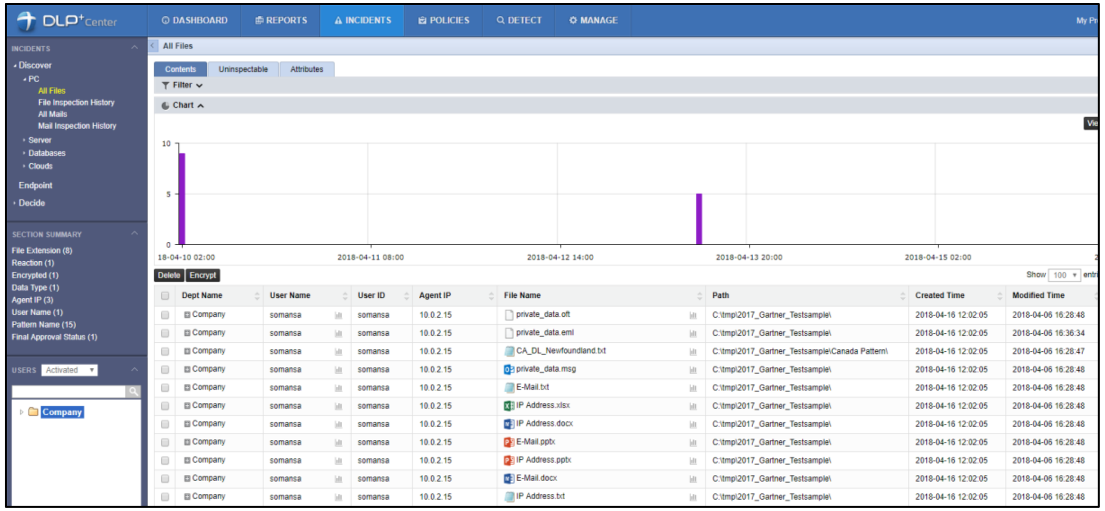
1) INCIDENTS > Discover > PCs > All Files

There are different categories:

- All Files: Files from result of inspection.
  (Last Result is default. You can change condition.)
- File Inspection History: Show inspection history. If you click Dept Name which is hyperlinked, it is possible to check more details.

- You can check more useful information using filter.

- Click icons at the top right of the page, you can print, export as an excel file or send an email.



Dept Name	User Name	User ID	Agent IP	File Name	Path	Created Time	Modified Time
Company	somansa	somansa	10.0.2.15	private_data.oft	C:\tmp\2017_Gartner_Testsample\	2018-04-16 12:02:05	2018-04-06 16:28:48
Company	somansa	somansa	10.0.2.15	private_data.eml	C:\tmp\2017_Gartner_Testsample\	2018-04-16 12:02:05	2018-04-06 16:36:34
Company	somansa	somansa	10.0.2.15	CA_DL_Newfoundland.txt	C:\tmp\2017_Gartner_Testsample\Canada Pattern\	2018-04-16 12:02:05	2018-04-06 16:28:47
Company	somansa	somansa	10.0.2.15	private_data.msg	C:\tmp\2017_Gartner_Testsample\	2018-04-16 12:02:05	2018-04-06 16:28:48
Company	somansa	somansa	10.0.2.15	E-Mail.txt	C:\tmp\2017_Gartner_Testsample\	2018-04-16 12:02:05	2018-04-06 16:28:48
Company	somansa	somansa	10.0.2.15	IP Address.xlsx	C:\tmp\2017_Gartner_Testsample\	2018-04-16 12:02:05	2018-04-06 16:28:48
Company	somansa	somansa	10.0.2.15	IP Address.docx	C:\tmp\2017_Gartner_Testsample\	2018-04-16 12:02:05	2018-04-06 16:28:48
Company	somansa	somansa	10.0.2.15	E-Mail.pptx	C:\tmp\2017_Gartner_Testsample\	2018-04-16 12:02:05	2018-04-06 16:28:48
Company	somansa	somansa	10.0.2.15	IP Address.pptx	C:\tmp\2017_Gartner_Testsample\	2018-04-16 12:02:05	2018-04-06 16:28:48
Company	somansa	somansa	10.0.2.15	E-Mail.docx	C:\tmp\2017_Gartner_Testsample\	2018-04-16 12:02:05	2018-04-06 16:28:48
Company	somansa	somansa	10.0.2.15	IP Address.txt	C:\tmp\2017_Gartner_Testsample\	2018-04-16 12:02:05	2018-04-06 16:28:48

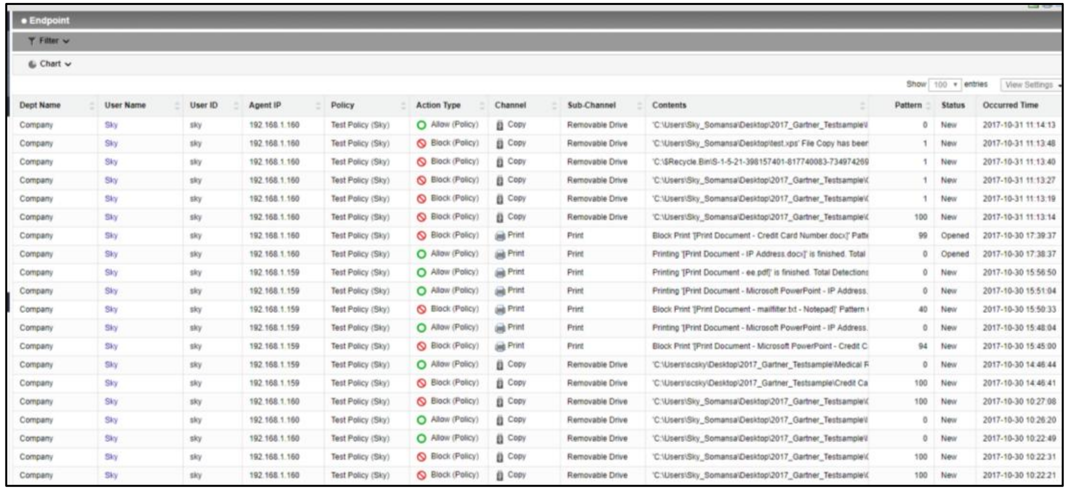
V. Check Logs in DLP+ Center

3. Endpoint logs

1) INCIDENTS > Endpoint

2) You can check Action Type (Allow or Block)

- You can check more useful information using filter.
- Click icons at the top right of the page, you can print, export as an excel file or send an email.



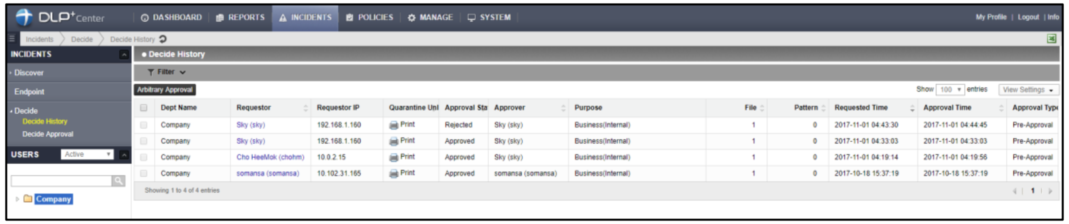
Dept Name	User Name	User ID	Agent IP	Policy	Action Type	Channel	Sub-Channel	Contents	Pattern	Status	Occurred Time
Company	Sky	sky	192.168.1.160	Test Policy (Sky)	○ Allow (Policy)	Copy	Removable Drive	'C:\Users\Sky_Somansa\Desktop\2017_Gartner_Testsample\	0	New	2017-10-31 11:14:13
Company	Sky	sky	192.168.1.160	Test Policy (Sky)	⊘ Block (Policy)	Copy	Removable Drive	'C:\Users\Sky_Somansa\Desktop\test.xps' File Copy has beer	1	New	2017-10-31 11:13:48
Company	Sky	sky	192.168.1.160	Test Policy (Sky)	⊘ Block (Policy)	Copy	Removable Drive	'C:\$Recycle.Bin\S-1-5-21-398157401-817740083-734974269	1	New	2017-10-31 11:13:40
Company	Sky	sky	192.168.1.160	Test Policy (Sky)	⊘ Block (Policy)	Copy	Removable Drive	'C:\Users\Sky_Somansa\Desktop\2017_Gartner_Testsample\(	1	New	2017-10-31 11:13:27
Company	Sky	sky	192.168.1.160	Test Policy (Sky)	⊘ Block (Policy)	Copy	Removable Drive	'C:\Users\Sky_Somansa\Desktop\2017_Gartner_Testsample\(	1	New	2017-10-31 11:13:19
Company	Sky	sky	192.168.1.160	Test Policy (Sky)	⊘ Block (Policy)	Copy	Removable Drive	'C:\Users\Sky_Somansa\Desktop\2017_Gartner_Testsample\(	100	New	2017-10-31 11:13:14
Company	Sky	sky	192.168.1.160	Test Policy (Sky)	⊘ Block (Policy)	Print	Print	Block Print '[Print Document - Credit Card Number.docx]' Patt	99	Opened	2017-10-30 17:39:37
Company	Sky	sky	192.168.1.160	Test Policy (Sky)	○ Allow (Policy)	Print	Print	Printing '[Print Document - IP Address.docx]' is finished. Total	0	Opened	2017-10-30 17:38:37
Company	Sky	sky	192.168.1.159	Test Policy (Sky)	○ Allow (Policy)	Print	Print	Printing '[Print Document - ee.pdf]' is finished. Total Detections	0	New	2017-10-30 15:56:50
Company	Sky	sky	192.168.1.159	Test Policy (Sky)	○ Allow (Policy)	Print	Print	Printing '[Print Document - Microsoft PowerPoint - IP Address.	0	New	2017-10-30 15:51:04
Company	Sky	sky	192.168.1.159	Test Policy (Sky)	⊘ Block (Policy)	Print	Print	Block Print '[Print Document - mailfilter.txt - Notepad]' Pattern (	40	New	2017-10-30 15:50:33
Company	Sky	sky	192.168.1.159	Test Policy (Sky)	○ Allow (Policy)	Print	Print	Printing '[Print Document - Microsoft PowerPoint - IP Address.	0	New	2017-10-30 15:48:04
Company	Sky	sky	192.168.1.159	Test Policy (Sky)	⊘ Block (Policy)	Print	Print	Block Print '[Print Document - Microsoft PowerPoint - Credit C	94	New	2017-10-30 15:45:00
Company	Sky	sky	192.168.1.159	Test Policy (Sky)	○ Allow (Policy)	Copy	Removable Drive	'C:\Users\scsky\Desktop\2017_Gartner_Testsample\Medical F	0	New	2017-10-30 14:46:44
Company	Sky	sky	192.168.1.159	Test Policy (Sky)	⊘ Block (Policy)	Copy	Removable Drive	'C:\Users\scsky\Desktop\2017_Gartner_Testsample\Credit Ca	100	New	2017-10-30 14:46:41
Company	Sky	sky	192.168.1.160	Test Policy (Sky)	⊘ Block (Policy)	Copy	Removable Drive	'C:\Users\Sky_Somansa\Desktop\2017_Gartner_Testsample\(	100	New	2017-10-30 10:27:08
Company	Sky	sky	192.168.1.160	Test Policy (Sky)	○ Allow (Policy)	Copy	Removable Drive	'C:\Users\Sky_Somansa\Desktop\2017_Gartner_Testsample\	0	New	2017-10-30 10:26:20
Company	Sky	sky	192.168.1.160	Test Policy (Sky)	○ Allow (Policy)	Copy	Removable Drive	'C:\Users\Sky_Somansa\Desktop\2017_Gartner_Testsample\	0	New	2017-10-30 10:22:49
Company	Sky	sky	192.168.1.160	Test Policy (Sky)	⊘ Block (Policy)	Copy	Removable Drive	'C:\Users\Sky_Somansa\Desktop\2017_Gartner_Testsample\(	100	New	2017-10-30 10:22:31
Company	Sky	sky	192.168.1.160	Test Policy (Sky)	⊘ Block (Policy)	Copy	Removable Drive	'C:\Users\Sky_Somansa\Desktop\2017_Gartner_Testsample\(	100	New	2017-10-30 10:22:21

4. Decide logs

1) INCIDENTS > Decide > Decide History

- You can check more useful information using filter.

- Click Excel icon at the top right of the page, you can export this table as Excel



□	Dept Name	Requestor	Requestor IP	Quarantine Uni	Approval Sta	Approver	Purpose	File	Pattern	Requested Time	Approval Time	Approval Type
□	Company	Sky (sky)	192.168.1.160	Print	Rejected	Sky (sky)	Business(Internal)	1	0	2017-11-01 04:43:30	2017-11-01 04:44:45	Pre-Approval
□	Company	Sky (sky)	192.168.1.160	Print	Approved	Sky (sky)	Business(Internal)	1	0	2017-11-01 04:33:03	2017-11-01 04:33:03	Pre-Approval
□	Company	Cho HeeMok (chohm)	10.0.2.15	Print	Approved	Sky (sky)	Business(Internal)	1	0	2017-11-01 04:19:14	2017-11-01 04:19:56	Pre-Approval
□	Company	somansa (somansa)	10.102.31.165	Print	Approved	somansa (somansa)	Business(Internal)	1	0	2017-10-18 15:37:19	2017-10-18 15:37:19	Pre-Approval

Showing 1 to 4 of 4 entries

VI. Reports

1. Check Report in DLP+ Center

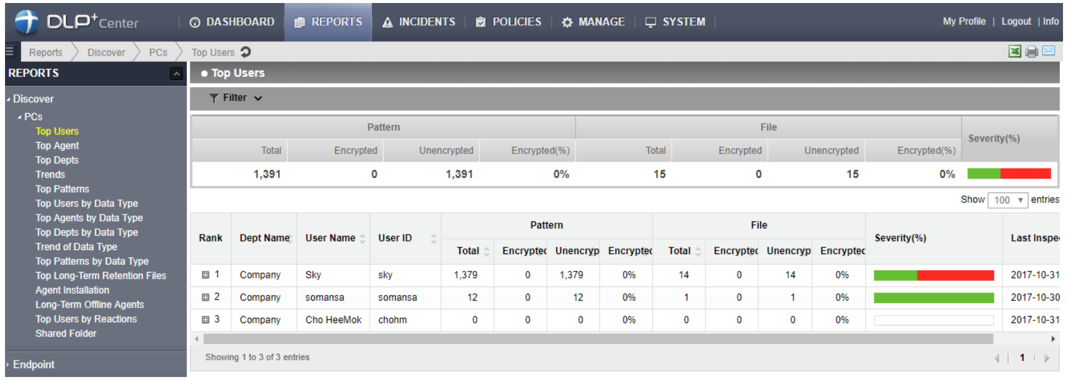
1) DLP+Center > REPORTS

2) Select **Discover or Endpoint** you want to see.

3) **Discover:** The result of inspection is categorized as various type.

4) **Endpoint:** The result of endpoint action is categorized.

- Click icons at the top right of the page, you can print, export as an excel file or send an email.



Pattern				File				Severity(%)
Total	Encrypted	Unencrypted	Encrypted(%)	Total	Encrypted	Unencrypted	Encrypted(%)	
1,391	0	1,391	0%	15	0	15	0%	🟩🟥

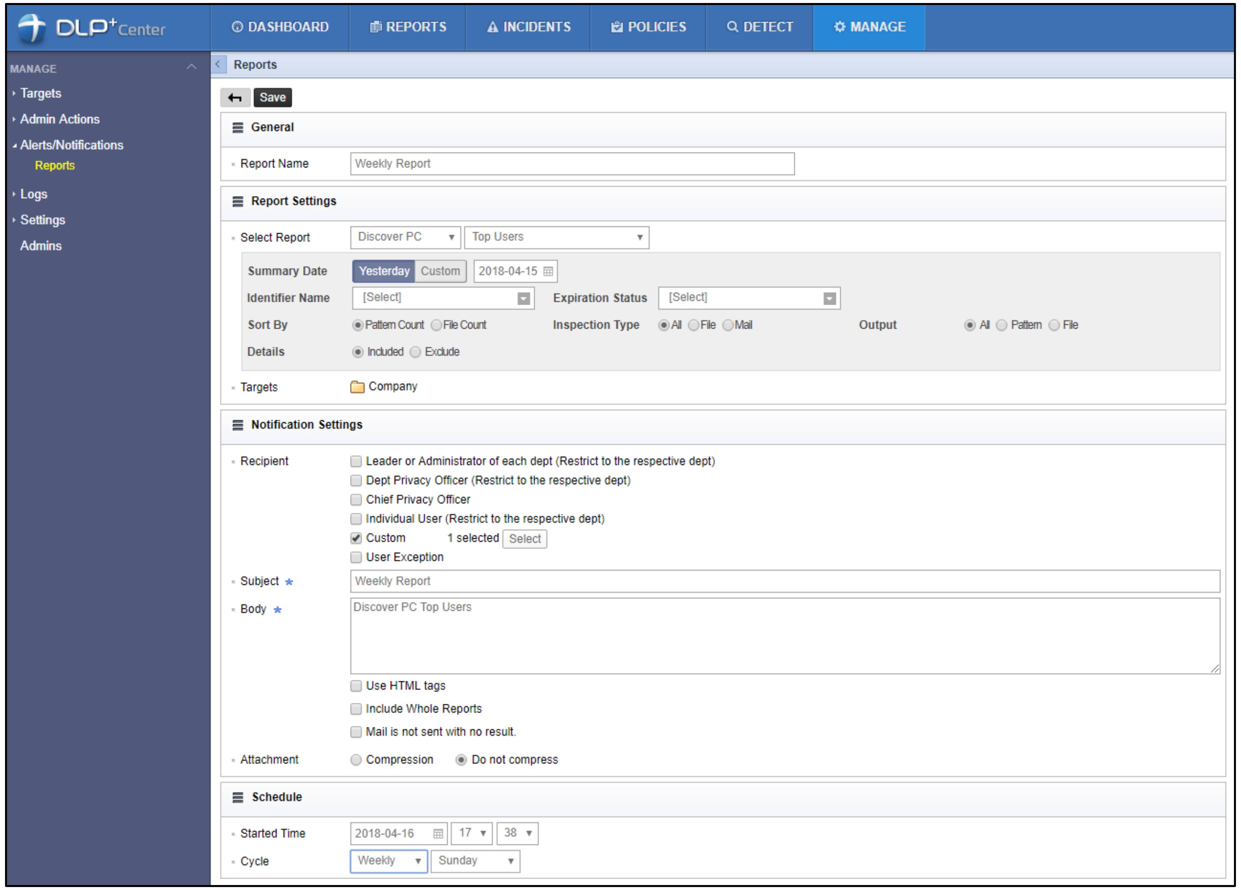
Rank	Dept Name	User Name	User ID	Pattern				File				Severity(%)	Last Inspe
				Total	Encryptec	Unencryp	Encryptec	Total	Encryptec	Unencryp	Encryptec		
⊞ 1	Company	Sky	sky	1,379	0	1,379	0%	14	0	14	0%	🟩🟥	2017-10-31
⊞ 2	Company	somansa	somansa	12	0	12	0%	1	0	1	0%	🟩	2017-10-30
⊞ 3	Company	Cho HeeMok	chohm	0	0	0	0%	0	0	0	0%		2017-10-31

Showing 1 to 3 of 3 entries

VI. Reports

2. Send Weekly Report

1) MANAGE > Alerts/Notifications > Reports
2) Click **Add New**
3) Enter Report Name
4) Select Report and Target
5) Select Recipient
   - Email address should be entered in user's information
   - MANAGE > Users
6) Enter Subject and Body
7) Select Cycle as Weekly



General

Report Name: Weekly Report

Report Settings

Select Report: Discover PC ▾ | Top Users ▾

Summary Date: Yesterday | Custom | 2018-04-15

Identifier Name: [Select] — Expiration Status: [Select]

Sort By: ● Pattern Count ○ File Count — Inspection Type: ● All ○ File ○ Mail — Output: ● All ○ Pattern ○ File

Details: ● Included ○ Exclude

Targets: Company

Notification Settings

Recipient:
- ☐ Leader or Administrator of each dept (Restrict to the respective dept)
- ☐ Dept Privacy Officer (Restrict to the respective dept)
- ☐ Chief Privacy Officer
- ☐ Individual User (Restrict to the respective dept)
- ☑ Custom 1 selected Select
- ☐ User Exception

Subject *: Weekly Report

Body *: Discover PC Top Users

- ☐ Use HTML tags
- ☐ Include Whole Reports
- ☐ Mail is not sent with no result.

Attachment: ○ Compression ● Do not compress

Schedule

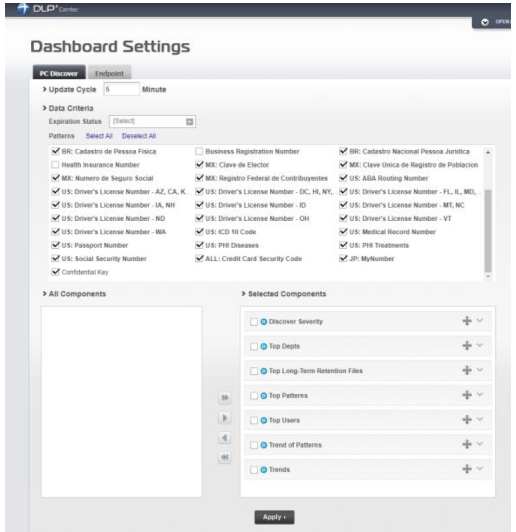
Started Time: 2018-04-16 | 17 ▾ | 38 ▾

Cycle: Weekly ▾ | Sunday ▾

VII. Dashboard

1. Dashboard Setting

1) DLP+ Center > DASHBOARD
2) Click **Setting** button
3) Check categories you want to see
4) Click **Apply** button



DLP+ Center

Dashboard Settings

PC Discover | Endpoint

› Update Cycle 5 Minute

› Data Criteria

Expiration Status [Select]

Patterns Select All Deselect All

☑ BR: Cadastro de Pessoa Fisica
□ Health Insurance Number
☑ MX: Numero de Seguro Social
☑ US: Driver's License Number - AZ, CA, K...
☑ US: Driver's License Number - IA, NH
☑ US: Driver's License Number - ND
☑ US: Driver's License Number - WA
☑ US: Passport Number
☑ US: Social Security Number
☑ Confidential Key

□ Business Registration Number
☑ MX: Clave de Elector
☑ MX: Registro Federal de Contribuyentes
☑ US: Driver's License Number - DC, HI, NY,...
☑ US: Driver's License Number - ID
☑ US: Driver's License Number - OH
☑ US: ICD 10 Code
☑ US: PHI Diseases
☑ ALL: Credit Card Security Code

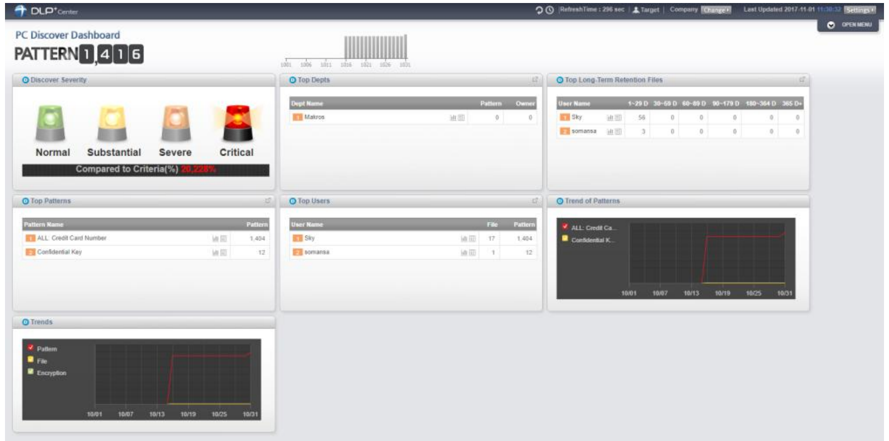
☑ BR: Cadastro Nacional Pessoa Juridica
☑ MX: Clave Unica de Registro de Poblacion
☑ US: ABA Routing Number
☑ US: Driver's License Number - FL, IL, MD,...
☑ US: Driver's License Number - MT, NC
☑ US: Driver's License Number - VT
☑ US: Medical Record Number
☑ US: PHI Treatments
☑ JP: MyNumber

› All Components

› Selected Components

□ Discover Severity
□ Top Depts
□ Top Long-Term Retention Files
□ Top Patterns
□ Top Users
□ Trend of Patterns
□ Trends

Apply ›



DLP+ Center | RefreshTime : 296 sec | Target | Company Change | Last Updated 2017-11-01 11:30:32 Settings

PC Discover Dashboard

PATTERN 1,416

Discover Severity

Compared to Criteria(%) 20,228%

Top Depts

Dept Name	Pattern	Owner
1 Makros	0	0

Top Long-Term Retention Files

User Name	1~29 D	30~59 D	60~89 D	90~179 D	180~364 D	365 D+
1 Sky	56	0	0	0	0	0
2 somansa	3	0	0	0	0	0

Top Patterns

Pattern Name	Pattern
1 ALL: Credit Card Number	1,404
2 Confidential Key	12

Top Users

User Name	File	Pattern
1 Sky	17	1,404
2 somansa	1	12

Trend of Patterns

Trends