

Security Management Solution

INTRODUCTION





SMS established in 2000 is company that has been developing security solution, software and contents for protecting information.

Also, SMS, based on its know-how accumulated through technical human resources verified with certificates such as CCSE(Checkpoint Certified Security Expert), MCSE(Microsoft Certified System Engineer) and affluent experiences on the spot, is protecting customer's precious information.

There are security products such as password management solutions, Storage device permanent deletion solution, Private information search and management solution.


SMS will provide you with the best possible solution for continuous solutions and information security.





HISTORY

- **2017** Commendation-Daegu Metropolitan City mayor(Management Innovation Department Technology Development Company Competitiveness part)
- **2016** World Women Invention Conference - Gold Prize Investigation
PassVault for linux(PVL) Program registered, PassVault oversea patent application (Japan, China)
- **2015** PassVault Public Procurement register, PassVault Trademark registration
- **2014** 13th Korea software business competitiveness customer satisfaction top award, PassVault GS certification-Telecommunications Technology Association
- **2013** i-Safer v2.0 CC certification, password management solution - Small & Medium Business Administration service R&D selection
- **2012** PC weakness and personal information program development - Small & Medium Business Administration service R&D, Childbirth support business management system development, PC-Safer program and GS registration
- **2011** Capital increase (KWR 0.3 billion)
Awarded with prize on model small and meddle-sized company from Daegu Gyeongbuk Small and Medium Business Administration and registered i-Safer government provision Concluded industrial-university cooperation with Daegu Catholic Univ. and concluded Ric center with Yungnam Univ.
Concluded partnership agreement on Yungnam area with Korea Electronic Authentication Institute
- **2010** Finished developing i-Safer (private information search and management), achieved i-Safer GS certificate, and achieved i-Safer Performance certificate from Small and Medium Business Administration
Patent registration : Bus Information Providing System to provide bus information for mobile communication terminal's standby Scree (No.10-0938246), Changed CEO to Seo Mi Suk
Selected as excellent FG company by Gyeongun Univ.
- **2009** 2009 Awarded with IT Innovation Grand Prix from the minister of MKE 2009
Awarded with Silver Prize from Daegu International Embedded Contest and certified BCore v2.0 (ISIS-0169-2009), Registered separately appointed product (NSPL-2009-001) to U.S, GSA (GS-35F-0193V)
Received next-generation product development from Daegu Digital Industry Promotion Institute, in which we registered Ourselves as TG company with Gyeongun Univ. that received university cultivating development project based on industry-University cooperation

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- 2008** Checked venture enterprise, ISO 9001 certificate and founded R&D center
Achieved BlackMagic-SA GS certificate, Consumer Electronic Show2008, CeBIT Hannover 2008, IFA 2008 CONSUMER ELECTRONICS UNLIMITED
 - 2007** Recognized as INNO-BIZ company, BlackMagic was validated by NIS
Registered BlackMagic-SA program and BlackMagic2.0 program
VietnamTradeEXPOinHochiMinh2007
M-Tech (10th Mechanical Components & Materials Technology EXPOKANSAI 2007)
 - 2006** Achieved BlackMagic GS certificate - Telecommunication Technology Association
Concluded industry-university cooperation with Yungnam university, customized Education's detailed agreement, and enforced innovative design power project with Daegu university
 - 2005** BlackMagic program registration (Data restoration preventing software)
Concluded industry-university cooperation with Gyeongbuk college and selected as the best partner on growth rate with Microsoft
Concluded industry-university on customized education with Science University, awarded with appreciation plaque from Daegu Science university, and awarded with appreciation plaque from Yungnam univ.
 - 2004** Selected as the best small and medium-sized company from Daegu Sciecn Univ.
 - 2003** Concluded industry-university cooperation with Daegu Health College, Yungnam Univ., Daegu Univ., Daegu Science Univ. (cooperative new technology development and customized education, and technology guide agreement), and Gyemyung Culture college.
 - 2002** Concluded industry-university cooperation with Gyeongun university
MS MBP (MicrosoftBsinessPartner) Capital increase (KWR : 0.2 billion)
 - 2001** Achieved CCSE certificate (related to CheckPoint firewall)
Achieved MCSE certificate (Microsoft Certifed System Engineer)
Registered as PAP company with CheckPoint and concluded industry-university cooperation with Daegu Science College
 - 2000** Founded SMS Co., Ltd. (CEO : Park Yung Sam)



PassVault is the password management solution for multiple servers and users on the network, automatic updating and managing.

The managing of passwords is very hard in proper way.

For the security reason, the management level of passwords is getting high and harder.

The complexity requirement of password is getting high and the changing period requirement is getting shorter.

But the number of accounts for servers and devices are too many for managers to control in proper management, creating and updating passwords.

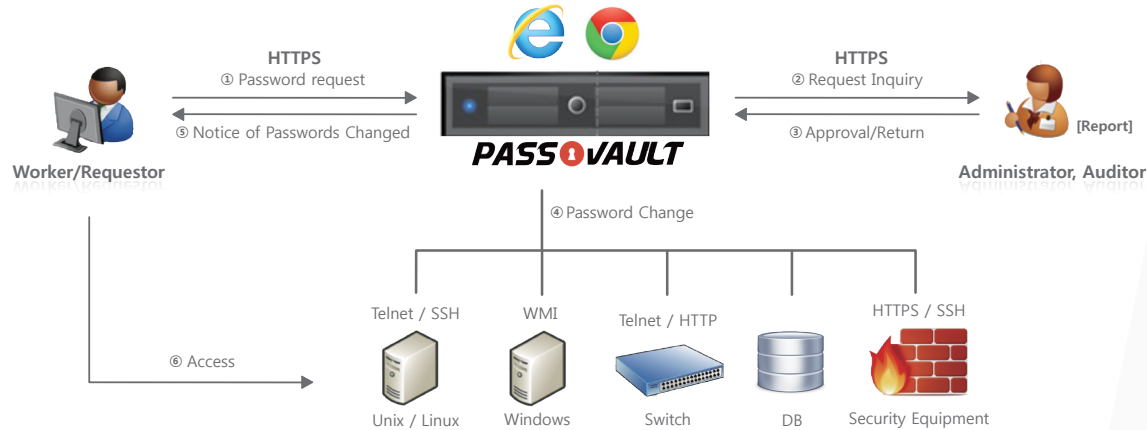
Uncontrolled passwords : Severe Threat to Security.

Less complex Passwords.

Unchanged Passwords for Long Time.

Shared Passwords for service purpose.

Product Structure



Key Functions and Specification

Feature

- Solutions are provided with appliance style
- No speed degradation, since it does not positioned in the middle of Server-Client
- Automatic passwords updating within a given period of time
- Periodic change of passwords
- Manual change of passwords
- Support of changing passwords after expiration
- Unnecessary of agent or extra Software on site

Key Functions

- Various password management policy setting
- Inquiry of account lists, times of password change
- Password encryption with password authentication module
- Request of passwords
- Supporting workflow of approvers, approval or refusal
- Support report for the history of request, approval and usage
- Provide single use link and key for the inquiry of password

Operating environment

Destination server environment

- Operating system : Windows Server, Linux / Unix etc.
- Database : MS-SQL, Oracle, MySQL, Tibero, Sybase, DB2, Cubrid, Altibase, Informix, Postage SQL
- Network Switch : Cisco Catalyst, Netgear, Allied Telesys, Omni Switch, etc.
- Etc : Supports all equipment enabling password change via telnet / SSH, HTTP HTTPS

Certification status

- GS
- Patent(Password management for password management)
- Procurement registration

Solution For Prevent Recovery

Black Magic



I Expected effect in adopting BlackMagic

- It can prevent the drain of information by protecting important data inside HDD of PC that will be abolished from being restored.
- It is applicable to the used PC instantly and it does not require system rebooting.
- It can improve work efficiency by deleting data safely and rapidly.
- It can reinforce company's competitiveness by preventing the drain of internal data.
- Customer can sell or abolish PC by removing data directly.
- It can prevent the drain of data caused by backup file or temporary file by using the function to clean empty space of HDD.

I Function of BlackMagic

File deletion

- It supports the deletion method according to the instruction of National Intelligence Service.
- It supports the maximum overwriting of 100 times.
- Black hole function(Drag & drop deletion).
- It can delete temporary file.
- It can initialize file name and size of original file.
- It can delete the selected file of each file, each folder or each file+folder.

Cleaning of unused space

- It can delete the unused space of selected logical disk(partition).
- It can prevent the restoration of data caused by general deletion method by deleting the temporary file, backup file and data existing in unused space.
- It preserves other data of logical disk(partition).

Disk cleaning

- It deletes the selected logical disk(partition) permanently.
- It deletes all files of the disk(including temporary backup file) to the extent that it can't be restored.

File search function

- It can search file with whole or partial or extension.
- It can delete the searched file optionally.

Schedule function

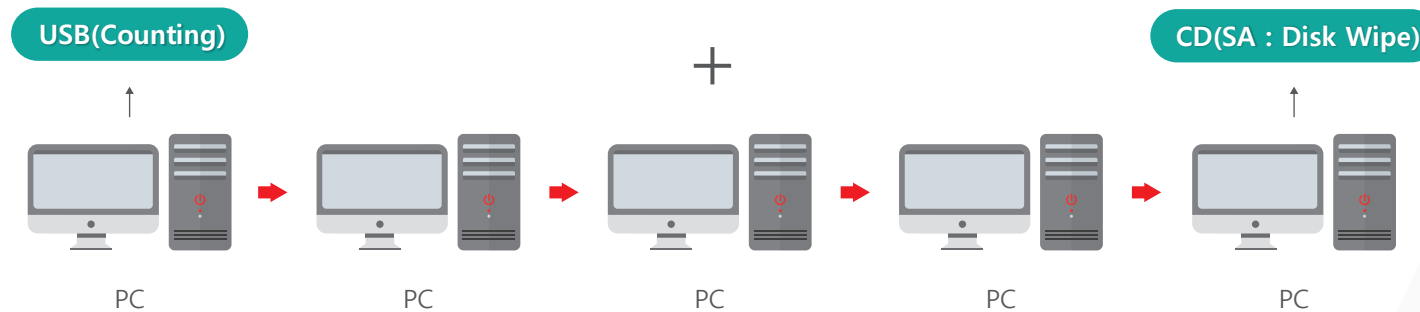
- It can clean the unused space of certain logical disk(partition) in the specific time point.
- It can make a reservation to delete file and folder.
- System is automatically closed after completed work.

Safety function(optional function)

- It can restrict the deletion by unauthorized user by setting password.

Network function

- It saves a deletion log to Network server.



■ Characteristics of BlackMagic-SAC

- It can initialize the PC, which will be abolished or sold, rapidly.
- After the data is completely removed, the HDD can be reused.
- Synchronous deletion work of disk by partition is supported.
- Disk optimization function after booting by CD.

■ Expected effect in adopting BlackMagic-SAC

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- It can improve work efficiency by deleting data safely and rapidly.
- It can reinforce company's competitiveness by preventing the drain of internal data.
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■ Function of BlackMagic-SAC

- Delete by each partition of hard disk is possible.
- Supports various deleting methods.
 - KR random
 - KR 3times : 00-ff-3times with random value.
 - DoD short : U.S Department of defense 3 times.
 - DoD 5220.22-M : U.S Department of Defense 7 times.
 - Gutmann Wipe : Gutmann method 35 times.
- Log of delete operation can be saved as compressed file
- Log can be saved(USB, Floppy, Network)
- Auto format feature after deleting(NTFS)

■ Use of BlackMagic-SAC

- Insert USB+CD to PC and boot from CD-ROM.
- Operate USB+CD built in key matching module.
- Enter Department and User Name → Select the partition you want to Disk Wipe.
- Repeat 1-3 steps at the next PC with USB+CD.
- Save Log by inserting count USB Used at No.1 while saving Log after delete is complete.

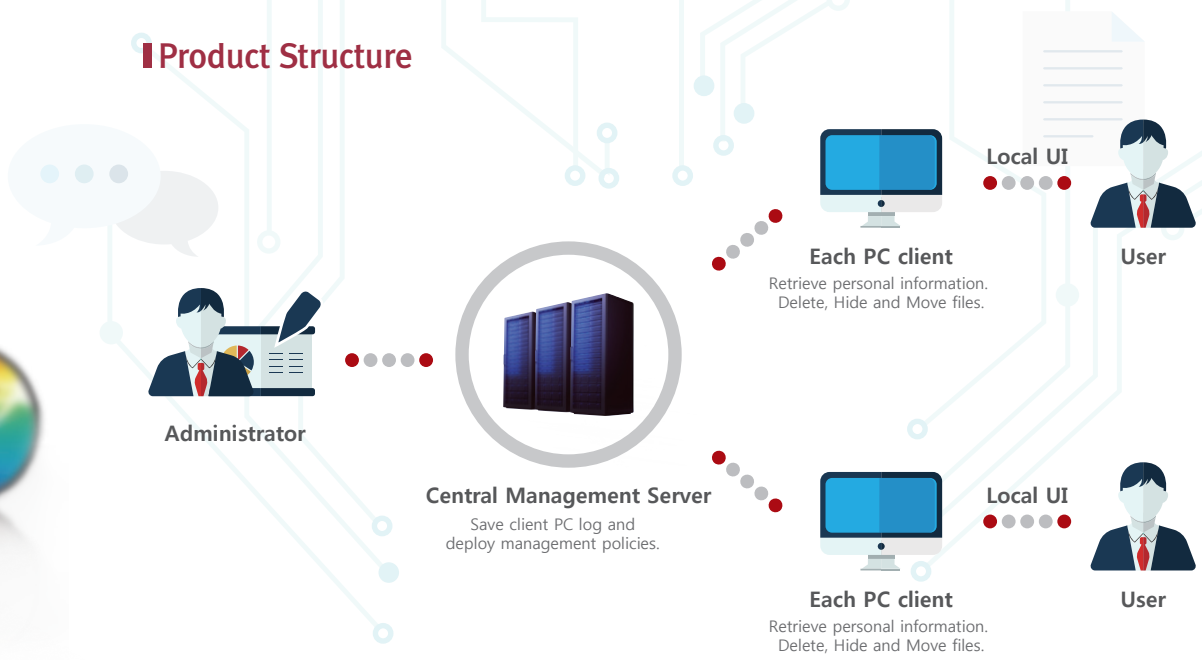
Solution For Prevent Recovery

Black Magic



Products aimed at personal information management through deletion, encryption and concealment after retrieving personal information from PCs.

Product Structure





I Product Features

- 01. Preventing leakage of personal information through real-time private information retrieval**
- 02. Assuring quick retrieval in a follow-up inspection by storing the retrieved information in the DB**
- 03. Function to block the access to or hide personal information or other files required to be kept safe**
- 04. Function to delete data in the file completely, which may not be restored**



I Expected Outcomes

- 01. Preventing leakage of personal information in advance**
Personal information management and prevention of information leakage through retrievals
- 02. Efficient integrated management of personal information**
Efficient integrated management of personal information based on the functions such as retrieval, deletion and concealment of information in user's PC
- 03. Preventing unnecessary incidents related to personal information leakage**
Function to prevent unnecessary incidents related to personal information leakage through the information retrieval as the files are generated and modified automatically in the user's PC
- 04. Capable of grasping the present status of personal information**
Capable of grasping the present status of the information of departments or individuals through management server

Security Management Solution

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