The Best Solution for Integrated Internet Access Management **eWalker SWG V9**

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- Increase of threats hidden within SSL traffic

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I Introduction

- Why SWG is needed
- Increase of threats hidden within SSL traffic

SODSAN INT OW Walker SWG V9



Are you ready for the 'Working 52 Hours a Week' that started at 2018. 7. 1? (The revised Labor Standards Act, Korea)

As the 'Working 52 Hours a Week' was enacted, you need to improve work efficiency further.



Revised Contents

'Working 68 hours a week' → **Reduced to 'Working 52 hours a week'.**

40 Ho	urs				12 Hou	urs
Mon	Tue	Wed	Thu	Fri	Sat	Sun



When Caught for Violation,

Imprisonment for up to 2 years or fines of 20 million KRW.

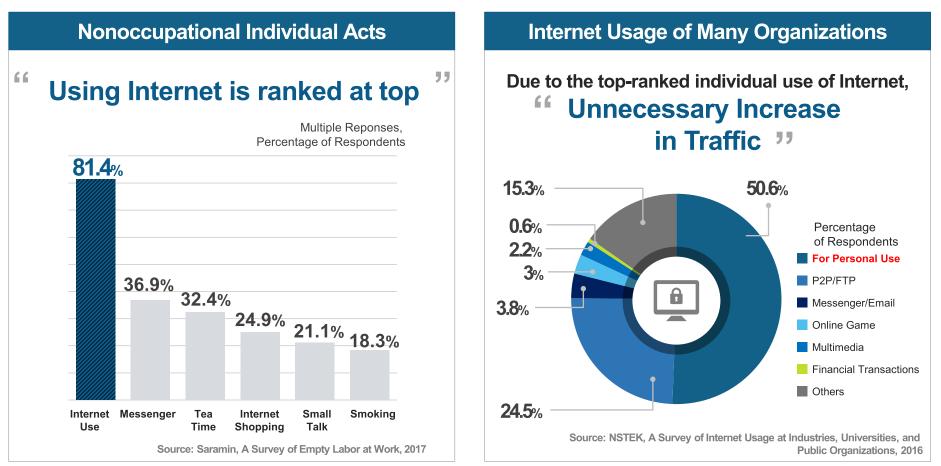


Enforcement Date

Company Size	Date
A company with 300 or more employees	Jul. 1 st , 2018
A company with a number of employees between 49 and 300	Jan. 1 st , 2019
A company with a number of employees between 4 and 50	Jul. 1 st , 2021



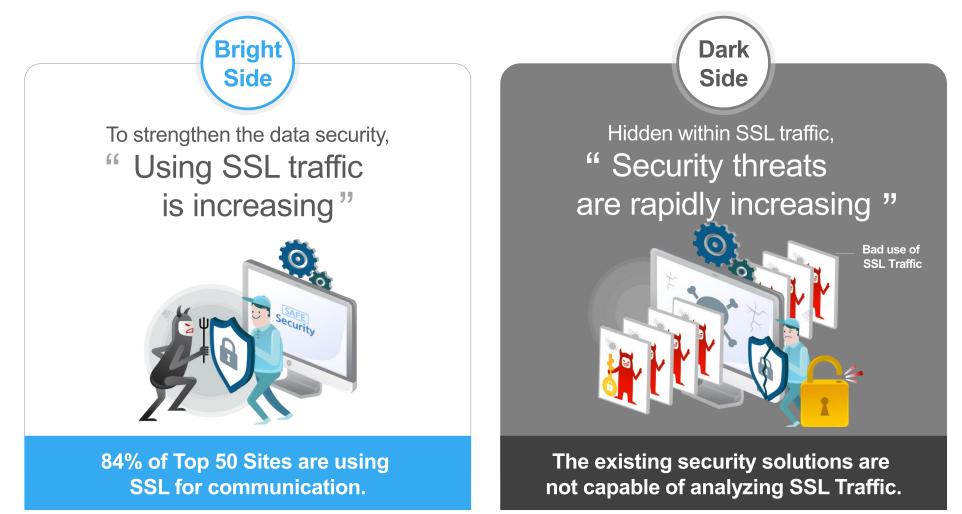
The access to Non-business site can be a main cause of decreasing work efficiency.



I. Introduction

Increase of threats hidden within SSL traffic

Bright side and Dark side of SSL traffic

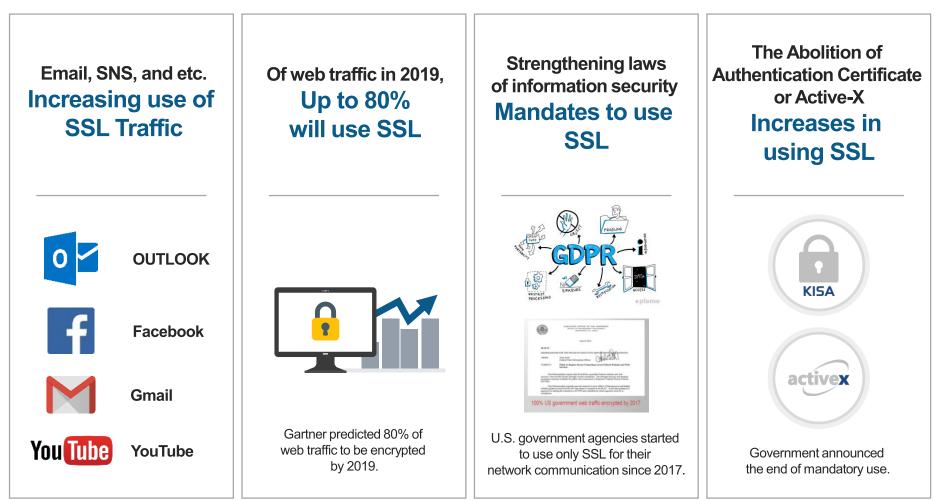


I. Introduction

Increase of threats hidden within SSL traffic

Walker SWG V9

Upsurge in SSL traffic



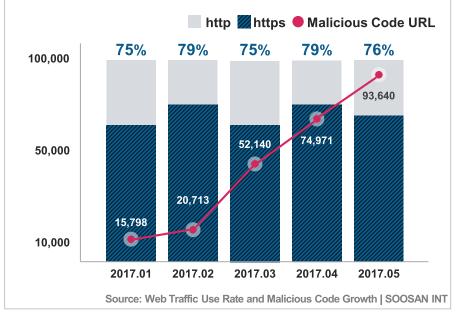
I. Introduction Increase of threats hidden within SSL traffic

Using Integrated Internet Access Management, You can prevent threats hidden within SSL traffic proactively.

2.869 sites

Increase of Malicious URLs Making Bad Use of SSL Traffic

- More than 75% of web traffic is SSL traffic.
- Detected malicious URLs are rapidly increased to 90 thousand at May 2017.

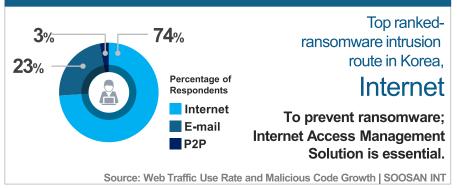


Detection of Malware Hidden Sites In comparison with last year, 145% increased 7,032 sites No. of stops on the intrusion routes 145% increased!

Immediately after accessing, a user PC is infected with the malicious code.

Source: Web Traffic Use Rate and Malicious Code Growth | SOOSAN INT

Routes for Ransomware Intrusion, 2017



II Product Introduction

- eWalker SWG V9
- Features of eWalker SWG V9
- Detailed functions
- Deployment options
- Benefits



eWalker SWG V9,

A qualified Integrated Internet Access Management solution



II. Product Information Features of eWalker SWG V9

Walker SWG V9

Control over Harmful Sites

Having partnerships with the local professionals and a CERT team which analyzes malicious DB,

eWalker SWG V9 supports for the latest harmful/malicious DB





A global company specialized in security solution,

SOOSAN INT creates clean and safe Internet environment using SOOSAN INT's own technological know-how.



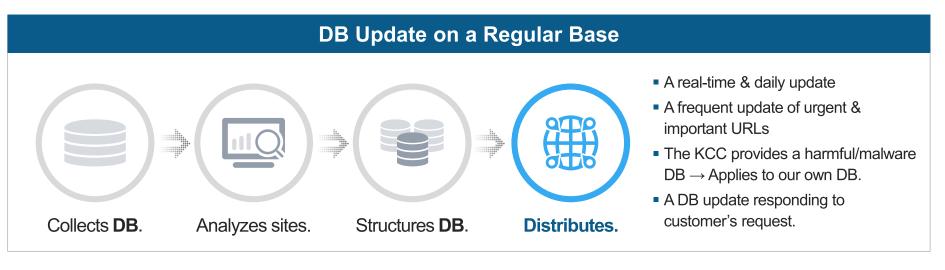
- Nation's top security control company
- Works together with SECUDIUM, SK Infosec's security control system.
- Updates Harmful/Malware DB on a regular basis.

- Real-time response to threats
- Analyzes specific DBs to which many users access.
- Monitors and manages certain sites with history of infection persistently.

- Static analysis based on own DB
- Responses to the newest malicious attacks using dynamic analysis.
- Works together with KISA by sharing the Harmful/Malware DB.

II. Product Information Features of eWalker SWG V9

The Nation's Largest DB Provider



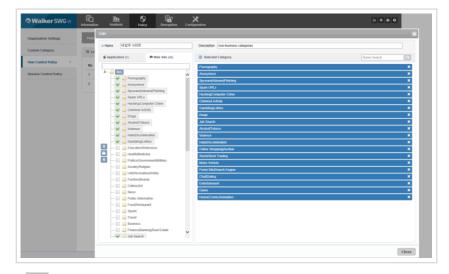
DB Collection by the Professionals Update Process	Collects URL Links.		Normal URL Harmful URL	 VRL Distribution Image Distribution Classifies harmful sites 	URL DB
Opuale 1 locess	collection	Deletes repeated URLs.	Classifies DBs.	and verifies.	Update
Systematic Process Management Verification	A List of Candidates' at 1 st Round	A List of Candidates' at 2 nd Round	A List of Foreign Candidates	A list of Final Candidates	A List in Operation
Process	1 st Verification	2 nd Verification	Overseas Management System	Final Verification	Validation

- Operates the malicious DB collection using the professionals and updates the DB using an automatic updates system.
- Operates both KCC-supplying DB and own malicious DB simultaneously (refined DB containing more than 1,000 data).
- Provides regular updates and real-time updates due to customer requests.



Internet Access Control and Integrated Management

Controls of Web Mail, P2P, Web Hard and Cloud



Control of Mail Receiving/Transmitting

- Performs the control process or blocking process for each category of normal mail and web mail respectively.
- Blocks entire mails or controls/blocks a mail depending on whether it is a received mail or a transmitted mail.
- Controls the process of receiving or transmitting encrypted web mails.

Organization Settings	Pate						_
Custom Category	II D	■ Name 비업무 사이트		Description non-business categorie	9		
Iser Control Policy		Application (7)	A Web Site (20)	III Selected Category		Name Search	A
iession Control Policy	No	Appleation		P2P Web Hard			*
eraton control Policy	_	— 🔛 📖 Internet Dete	our Connection	CLOUD			×
	2			Messenger			×
		— 🔛 🚨 Web Hard		Remote Access File Transport Protocol			*
		- 👻 🚨 CLOUD		Internet Detour Connection			

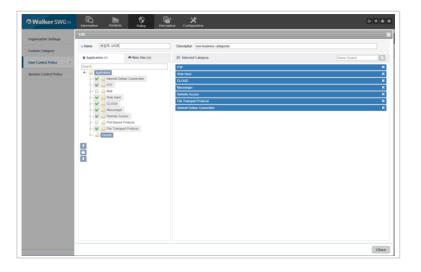
Control of P2P, Web Hard, and Cloud

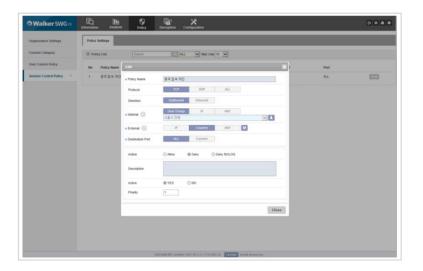
- Control over the sites such as P2P, web hard, and cloud where files are received or transmitted.
- Blocks simple URL, or controls the pattern based P2P or cloud sites.



Internet Access Control and Integrated Management

Anonymizer Control and Session Control Policy





Anonymizers, Torrent, App Control

- By having visibility into SSL traffic, can set and use functions which wasn't effective before.
- Completely controls Anonymizers, Torrent, Messenger, stock HTS, and other Apps.

Session Control Policy

- Not just works on URLs, but controls a session for each protocol or IP.
- Is capable of setting to block the origins and the destinations, as well as options for log and access.

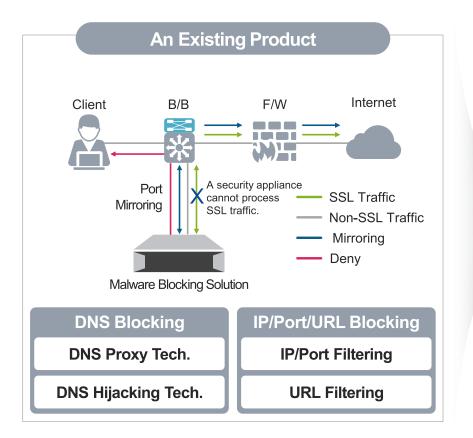
II. Product Information Features of eWalker SWG V9

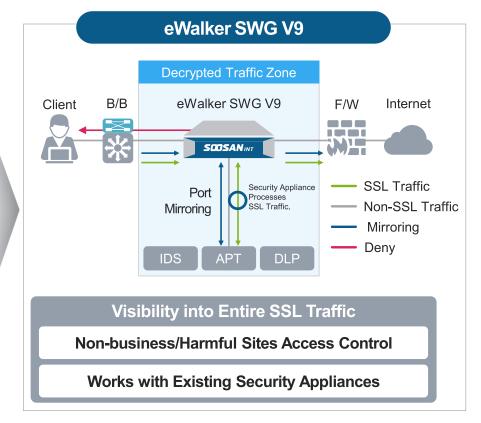
Walker SWG V9

S Visibility into SSL Traffic

- eWalker Security V7 —
- Limited access control over encrypted traffic
- eWalker SWG V9 —

Minimizing impact on the network, provides visibility into entire SSL traffic. Manages network resources systematically by blocking harmful sites and managing/controlling Internet use.







S Visibility into SSL Traffic

Certificate Installation Redirection and Status Management



Decryption Control	Certifica	de Generation Certificate	Distribution Private CA	Installation F	listory				
Meroring Settings	III List	Last Day 🖌 All State	All Browser V All O	6 🖌 Search If	,	Max I	Line 10 💌		REFRES
Certificate Manager	No	Client IP	Browser	os		installed	Registered	Modified	
Server Decryption									
	6	172.16.120.228	Internet Explorer	Windows 10	0	•	2018-01-23 18:05:08	2018-01-29 15:35:32	
	5	172.16.120.68	Edge	Windows 10	•	0	2018-01-29 14:43:33	2018-01-29 14:43:33	
	4	172.16.120.42	Internet Explorer	Windows 8.1	•	•	2018-01-29 13:23:02	2018-01-29 13:41:17	
	3	172.16.120.228	Chrome	Windows 10	0	0	2017-12-26 15:12:30	2018-01-29 10:56:05	
	2	172.16.120.228	Firefox	Windows	•	•	2018-01-29 08:29:23	2018-01-29 08:29:23	
	1	172.16.120.35	Internet Explorer	Windows 10	•	0	2018-01-29 08:16:32	2018-01-29 08:16:32	

Redirects a Certificate Installation

- Distributes user certificates or redirects a user to a certificate installation page automatically or manually.
- Creates a certificate corresponding to a company information and distributes to a client. In addition, directly manages it.

Provides the Convenience of Certificate Operation and Management

- Easy distribution of a certificate for a user who was left off the pre-distribution by NAC, PMS, or Active Directory.
- Quick response against PC change or OS format which you may encounter during operation.
- Supports for various operating environment such as Windows, Mac, Android, iOS, and others.

Provides Easy Management of Installation Status

- Client information management who installed a private certificate for SSL decryption.
- Information management of installation environment and distribution of a SSL certificate.

II. Product Information Features of eWalker SWG V9

Interworking with the Existing Security Appliances

Settings for the process of 'interworking with other appliances'

3 Walker SWG v9	Information Analysis Polis		C 0 8 9
Decryption Control	Decryption Settings Decryption Lis	SSL Bypass Host	
Arroring Settings	III Action Settings		REFRESH
Certificate Manager	% Enable SSL Decryption	ON OFF @ Click (APPLY) button to activate the new decryption setting.	
Server Decryption	Untrusted Certificate Action	Deny Allow Alert	
	I Decrypted SSL Traffic Operation		
	New Virtual Session	ON OFF	
	TCP Checksum	ON OFF	
	IP Checksum	ON OFF	
	TCP Packet Marking	ON OFF	
	% IP Packet Marking	ON OFF	

Sets Options for the Process of 'Interworking with Other Appliances'

- Allows to set the decryption options for the process of 'interworking with other security appliances' in accordance with each appliance's feature.
- Allows to interwork with other security appliances without any change of network architecture (cost effective).

Walker SWG v9	Information Analysis	Policy Decryption Configuration	EE	C 0 8 0
Decryption Control	Mirroring Action			REFRESH
Mirroring Settings	> General Settings			
Certificate Manager	s Inbound Traffic	Decrypted TCP IP ALL OFF		
Server Decryption	Outbound Traffic	Decrypted TCP IP ALL OFF		
	 Port Settings Mirroring Part 			
		MON1 4 MON2 4		

Various Methods to Interwork

- Supports two modes of interworking:
 - Active (In-line) mode
 - Passive (Mirror)
- Supports for setting options for Active mode and Passive mode to connect with 3rd party security appliances.



Interworking with the Existing Security Appliances

M.P.T (Message Pass Through) allowing to check the original Blocking Message

Other Decryption Solutions
Cannot Display their Blocking Page!
Can't reach this page • Make wre the web address https://172.16.130.2018500 is correct • Search for this site on Bing • Seriesh the page • More information • Reconcision proteins

Displays the Blocking Messages Transmitted from Other Security Appliances

- Provides a RST packet to match to an original session after modifying a blocking packet (RST packet) sent by a connected security appliance.
- Displays an original blocking message sent by a 3rd party security appliance when a certain site (HTTPS site) is blocked to be accessed.

	eWalker SWG V9
0	Can Display Various Blocking Pages!
	Accession States & Social Render States & Social Render Description

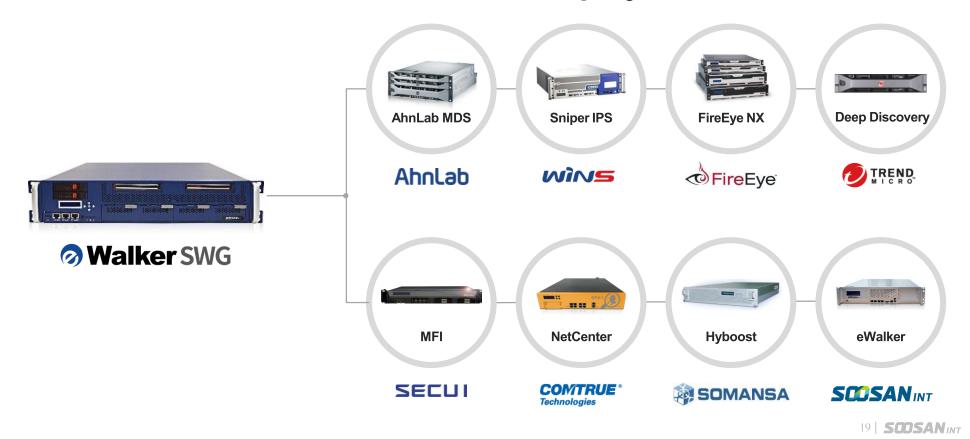
Provides Management Convenience for a User

- A user can recognize an appliance to which the security policy the user violated belongs.
- A user can easily troubleshoot and configure policies when working with 3rd party appliances such as APT, SWG, and DLP.



Interworking with the Existing Security Appliances

Interworking with many different network appliances in various successful projects!





Various Supports for Rule-Based Policies

Various Blocking Policies and User Settings

catego	Organization Settings	Policy Settings	er Genapis Category Genapis Time G	Group Message Settings Policy (lackup		
Note: Note: <th< th=""><th>Cestom Category</th><th>Policy List</th><th>Death AL</th><th>MaxLaw 10 William</th><th>D-7 BHACTIVE</th><th></th><th></th></th<>	Cestom Category	Policy List	Death AL	MaxLaw 10 William	D-7 BHACTIVE		
2 100029 1/010 1/02 1/02 1/02 1/02 1/02 1/02 1/0	liser Control Policy +	No Policy Name	Paticy Period	User Group C	ategory Group Tame Group	Action Other	e
3 101227 3012 201 702 9 Page Same 1012 V AD 15 724 W W 9 1010 10 10 10 10 10 10 10 10 10 10 10 10	Session Control Pulicy	t [Sile Policy]	Edit		×		
3 HEER AURIE 21M HE Puint INFORMATION - Unit dramp INFORMATION - Information Information		2 비업무 ARIE 7	e Poky Name	制입무 사이트 차단 예외		۰	1000
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POSTPUT Mehned Post & Post Attachments Action @ Deny @ Allew Postput			Category Group	비밀부 사이트 카단 바와			
Actions @ Dany Atom Temperature Temperature + Fiberray Monsager Temperature Descriptions Actions @ Y13 O AD			• Time Group	247	90		
Afterna Vocasser Terrapides Terrapides Description Active @ Y15 O HO			POST/PUT Metho	dKbytes OF8e	Attachments		
Yengdin Image: Complexity Description Image: Complexity Active Image: YES			Action	@ Deny O Allow	Logging No Sogging		
Temptite Temptite Tempt			• Filtering Message	default	v 🖾		
Adlee Brtts O RO			Template				
			Description				
+ Priority 2			Active	® YES O NO			
			• Priority	2			

Blocking Policies

- Controls and blocks Web Sites for each category.
- Sets up object sites, blocking time, and policy valid period for each user group.
- Applies effective blocking policies with 10 million URLs of Refined DB and 148 categories.

Organization Settings	Policy	Add							
Custom Category	III List	Name		Desc	iption				
User Control Policy		A Organization (1)		III U				Name	Search
	No	Search 교 서울시		C	ID	Name	IP Address	Position	Description
Session Control Policy	1	- 🛺 서울시형		ß	yjpark	박영재	10.10.1.100	실망	
	3								
		보건소 음산구성		III S	elected Users				Name Search
		- 2 변화지원곡 - 2 변화지원곡 - 2 변화지원곡 - 2 만경성자지막 - 2 만경성자지막 - 2 만경성자미막 - 2 만경성자미막	~	48	•		0		23 🔽 59

User Settings, an object of a policy

- Sets a user as an object of a URL blocking policy.
- Sets a user as a group, a team, an individual, or a special user.
- Classifies a user in accordance with a personnel DB of a company.



Web-based Management Page

Enhanced convenience of management by changing the existing management methods

App	Management Tools
ew_app_manager.exe ew_app_Monitor.exe ew_app_policy.exe ew_app_report.exe ew_engine_em.exe ew_engine_logviewer.exe	Login Walker Security Application Manager
ew_engine_rtm.exe ew_main_dbupdate.exe ew_main_mm.exe ew_main_mm.exe ew_service_cu.exe ew_service_ems.exe ew_service_ems.exe ew_service_es.exe	ID I Cogin Password You can use eWalker Security-programs after logging in to an eWalker Security Server.

<complex-block>

Changed an Operation System

- Changes the operation system from Windows Server-based to Linux-based, and increased the log search speed.
- Puts less weight on licenses of existing OS and DBMS.

Changed a Management Method: App-based ➡ Web-based

- Enhances a convenience of an administrator with a webbased management page.
- Provides reliable control and management without any impact of an administrator's PC environment.
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II. Product Information Features of eWalker SWG V9

Online Help

Walker SWG v9	Information Analysis Policy Decryption Configuration
Overview	Service Traffic Resource System
Statistics >	Statistics REFRESS
Realtime Log	🍯 eWalker SWG V9 Administrator Guide - Internet Explorer
lardware	Shttps://172.16.140.119.8500/common/help/en/index.html?Info_Service.html
	Contents Index Search 8.4.1. Service 8. Information ».8.4. Statistics »
	This menu displays the amount of traffic and the number of Web/Application access, which are processed by eWalker SWG V9, in ca
	A set of the opposition control opposition contrelated control control opposition control control control contrela
	1000 1000 7.6.1. Log Settings Up load Traffic (Last Day) 1000 17.6.2. Export Log 1000 1000 7.6.3. Explore Log 1000 17.6.2. Export Log 1000 17.6.3. Explore Log 1000 17.6.4. Troubleshooting 1000 17.7. Restart/Shutdown 1010 1800 1010
	Image: Second

Immediate help with Online Help

Online Help

- Allows to check immediately using Online Help, when an administrator needs help for operation.
- Our Online Help displays automatically a help page corresponding to a menu which an administrator is currently viewing.

Reports and Statistics

Existing Products –

App Management Tools

Product Information

Detailed functions

Ш.

Big Data-based, various Traffic Analysis Reports and Statistics

Application Based,

C 420 C 420 C 712

월터 설정후 구분자로 1을 입력해 및 여 적용 됩니다.

경색 조건 □ 카테고

Provides a function of search or statistics allowing various options in accordance with the analysis of the Internet contents supplied to a user.

Bid Data

Standard

Web Ba					an X	9 Nit 14
	1 V (148) V			*	k ¥2688-368	- 24 -
 A function allowing 		Correcto	67			aar oo ir 3001 alt oon aar oo ir 3000 61 aas gla oon
A function	100			817	UTE	116
statistics	04 42 (%) 11 876	279,793,894	110 ÷ ÷	918 4 - 167,929	24 x2121 ¥	NUL ACIMIN

eWalker SWG V9 -

Reports and Statistics

2795

ased,

- on of search or statistics g various options.
- on of analysis and s of decrypted traffic.

Elastic Search Based,

- A function of fast search or statistics allowing various options.
- A function of analysis and statistics of decrypted traffic.
- Large volume of data processing and real-time analysis processing.



II. Product Information
Detailed functions

Reports and Statistics

Customizing the DB Sharing; Automatic Updates using the Personnel Information



- Uses LDAP (Lightweight Directory Access Protocol) for a process of interworking.
- Configures to block all unauthorized users from accessing to Internet sites.

Internation Antivity Putry Description Configuration Organization Settings Improved the personnel thomation Delegation of Authority Craction Costrogry Improved the personnel thomation Delegation of Authority Bession Costrop Policy Improved the personnel thomation Delegation of Authority Improved the policy Improved the personnel thomation Delegation of Authority Bession Costrop Policy Improved the personnel thomation Delegation of Authority Improved the policy Improved the personnel thomation Delegation of Authority Bession Costrop Policy Improved the personnel the person th	Ø Walker SWG v9		and Application
Cutom Calegory Action Settings Bits Sin Cost of Policy Schoolde Day Interval Bits ON Bits ON<!--</td--><td>3 Walker Swg 9</td><td></td><td></td>	3 Walker Swg 9		
User Control Policy Session Control Policy Sessifies/registers clients automatically. Chates by using the personnel information when ling users or changing group or IP. Dolies the same policy for the blocking process or	Organization Settings	Organization Perso	sonnel Information Delegation of Authority
Session Control Policy Bession Control Policy Image: Connection Settings Image: Connection Setting Image: Conn	Custom Category	E Action Settings	
ssifies/registers clients automatically. dates by using the personnel information when ling users or changing group or IP. blies the same policy for the blocking process or	User Control Policy		
ssifies/registers clients automatically. dates by using the personnel information when ling users or changing group or IP. blies the same policy for the blocking process or	Session Control Policy		
ssifies/registers clients automatically. dates by using the personnel information when ling users or changing group or IP. blies the same policy for the blocking process or	,	- outstate	Chany Crimervan
ssifies/registers clients automatically. dates by using the personnel information when ling users or changing group or IP. blies the same policy for the blocking process or		E Connection Settings	
ssifies/registers clients automatically. dates by using the personnel information when ling users or changing group or IP. oblies the same policy for the blocking process or		• Type	● LDAP ○ DB
ssifies/registers clients automatically. dates by using the personnel information when ling users or changing group or IP. blies the same policy for the blocking process or		Host	www.a.com
ssifies/registers clients automatically. dates by using the personnel information when ling users or changing group or IP. blies the same policy for the blocking process or		9 Port	80
ssifies/registers clients automatically. dates by using the personnel information when ling users or changing group or IP. blies the same policy for the blocking process or		Base DN	asd
ssifies/registers clients automatically. dates by using the personnel information when ling users or changing group or IP. blies the same policy for the blocking process or		Bind DN	asd
dates by using the personnel information when ling users or changing group or IP. blies the same policy for the blocking process or		Password	•••••
ling users or changing group or IP. blies the same policy for the blocking process or	ssifies/regi	sters clier	nts automatically.
ling users or changing group or IP. blies the same policy for the blocking process or	datas by us	ing the n	orsonnal information when
blies the same policy for the blocking process or	uales by us	ing the p	ersonner information wien
blies the same policy for the blocking process or	ling upper	or changir	na aroup or IP.
	iina users c	n enengi	
	0		
	0	me policy	y for the blocking process or

 Checks system condition and operating condition in realtime.



eWalker SWG V9 Special Features

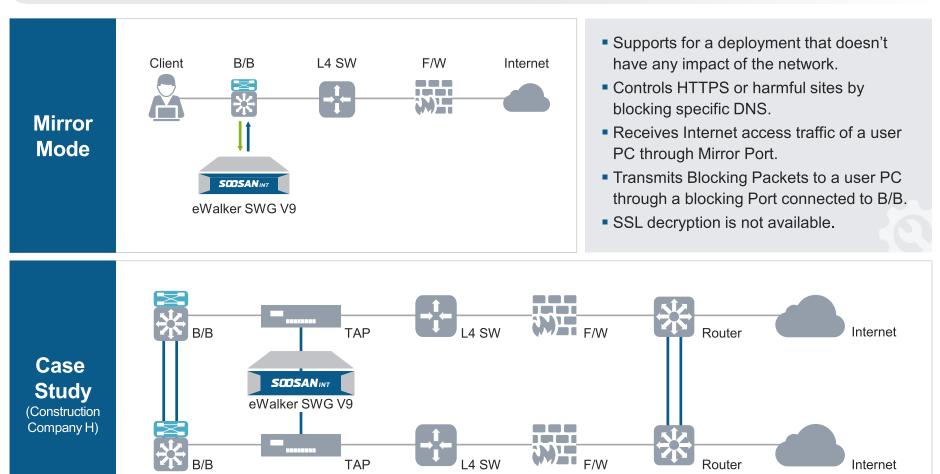
A proven solution for Integrated Internet Access Management, which provides SSL visibility **Walker SWG** \/9

Harmful SNS Contents Filtering	Malicious Code's Spread and Origin Access Blockings	Private Certificate Creating and Maintaining	The Newest URL Category Automatic Update	
External Security Appliances Blocking a Message Transfer	Certificate Automatically/Manually Distribution	Category, Keyword, etc. Detailed Blocking Functions	Encrypted Traffic Decryption Provides Visibility	

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II. Product Information Deployment options

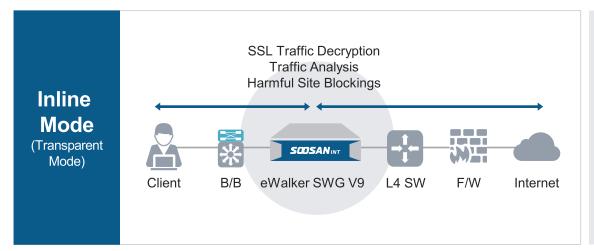
Various Deployment Modes - Mirror Mode



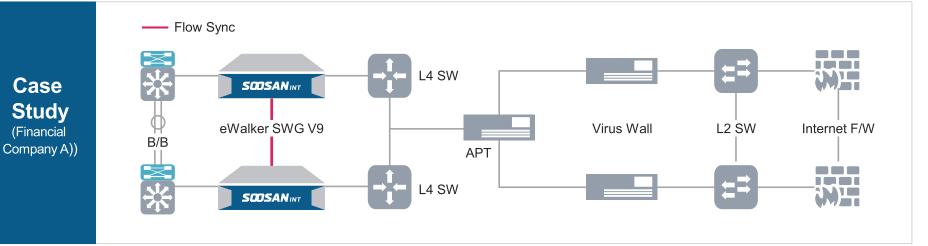
II. Product Information Deployment options

Walker SWG V9

Various Deployment Modes – Inline Mode



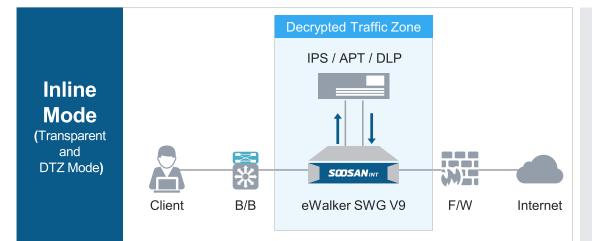
- Installs eWalker SWG V9 (Transparency) on a network path.
- Monitors all ports and decrypts SSL traffic selectively.
- Transmits Blocking Packets through Bridge Interface, if a client accesses to a harmful site.
- Blocks detailed issues of HTTPS sites such as Rx/Tx of Web mail, selective Google services, specific SNS accounts, and etc.



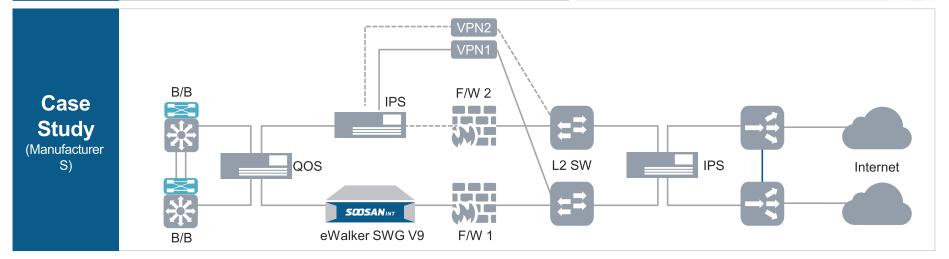
II. Product Information Deployment options

Walker SWG V9

O Various Deployment Modes – Inline Mode



- Installs eWalker SWG V9 (Transparency) on a network path.
- Monitors all ports and decrypts SSL traffic selectively.
- Provides decrypted data for other security appliances passing through DTZ (Decrypted Traffic Zone).
- Transmits Blocking Packets through Bridge Interface, if a client accesses to a harmful site.
- Blocks detailed issues of HTTPS sites such as Rx/Tx of Web mail, selective Google services, specific SNS accounts, and etc.
- Interworks with other security appliances (IPS, APT, DLP, etc.)



II. Product Information Benefits

Benefits of Integrated Internet Access Management

Proven-System Reliability

- Offers the optimum reliability for a base system.
- Allows to operate reliable network by providing immediate technical support.
- Has been proven and received excellent marks in the field of network security by many public/financial enterprises.
- Helps in providing reliable services with the nation's largest DB.
- Blocks non-business sites regarding stock trading, Internet shopping, Messenger, and etc.
- Blocks harmful sites and file sharing sites.
- Distributes internal traffic efficiently and enhances resource utilization due to the decrease of unnecessary traffic.

Work Efficiency Enhancement



SSL Traffic Visibility

- Prevents web security threats in advance by having visibility into encryption traffic.
- Avoids infection with malicious code or ransomware.
 - Perfectly responds to the encrypted traffic by interworking with existing security appliances.
- Provides Internet users with reliability by strengthening security over the network.
- Understands and prevents potential factors of threats against data assets.
 - Enhances public images and customer confidence by building information security solutions.
 - Complies with security compliances tightened up every year.
- Reduces social and economic cost resulted from damage of a security accident.

Enterprise Security Level Enhancement

III Appendix

- Function table
- Product lineup

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III. Appendix Function table

eWalker SWG V9 Detailed Functions

Walker SWG V9

Decryption	 Control over encrypted traffic (decryption, blockings, mirroring, logging, etc.) Blockings of Internet anonymizers Decryption Bypass for specific users 5 tuple maintaining to provide encrypted traffic transparency Private certificate for re-encryption Automatic/Manual distribution of a certificate Installation of a private certificate using multiple browsers Interworking process with other security appliances by converting decrypted traffic into plaintext. Display of an original blocking message which was generated by an 3rd party appliance Supports for TLS 1.0, TLS 1.1, TLS 1.2, and SSL 3 Encryption 	Blockings	 Keyword blockings Internet anonymizers blockings Selective blockings of receiving/transmitting web mail Selective controls of service or App such as stock-HTS, Torrent, Messenger, video, game, web hard, P2P, remote control, etc. Selective controls of HTTPS service such as Google's Gmail, Docs, and Drive. Blockings of malicious code's distribution, and stops on the paths. Blockings of trolling by Korea Communications Standards Commission Blockings for a country (provides for a selective country). Blocking-bypass policy
	 Supports for RSA/DH public key algorithms Supports for AES/3DES/DES/RC4 symmetric key Supports for 2048/4096/8192bits RSA keys Supports for IPv6/VLAN Tagging (802.1Q) Supports for POP3S/SMTPS/FTPS/IMAPS/HSTS/QUIC Above protocols are available both for default ports and unknown ports 	Management	 Client registration using an automatic function of searching PC information. Permission settings for each account, administrator audit Account lock-out for 5 consecutive failures of login attempts Encryption and storage of important system information Rule-based policy Exception policy for each client
Configuration	 Duplex deployment of equipment & bypass (including S/W bypass) ✓ Duplex deployment of equipment power A single equipment can be deployed in an Active (In-line) mode or a Passive (Mirror) mode. 	and Reporting	 Detailed reports Supports for various output of a report such as in Excel, CSV, PDF, or etc.
and H/W	 LLCF & ideal switching to the backup line when failure occurs. Packets are transmitted to the security system which is connected in inline configuration even in Bypass condition. 		 Check of real-time server condition which is displayed on a real-time monitoring screen (server condition: CPU, Memory, HDD Usage, Network
DB	 Has 10 Millions of URL DB lists & more than 148 categories Supports for the public key- based license information input module which is required for update server denial prevention. 	Monitoring	 Traffic). Real-time monitoring of entire traffic, encrypted traffic, decrypted traffic Monitoring of hardware condition, NIC, and external appliances' interworking mode

III. Appendix **Product lineup - eWalker**

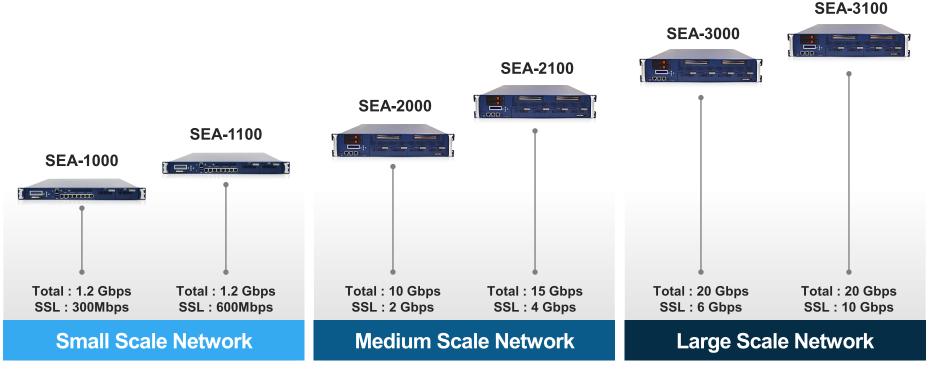
Walker SWG V9

Product Lineup

Network Type Appliance (Support NIC Type 1G/10G)

As an Internet Access Control System passed through SOOSAN INT's own Performance Test and Reliability Test,

All-In-One Hardware System without Any Change of the Network Architecture.



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IV Company Profile

- Company overview
- Products
- Major references

SODSANINT OW Walker SWG V9

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IV. Company Profile Company overview

Delivering Innovative Security Solutions and Service

Security Solutions

- No. 1 seller in the public organization market!
- The network security solution chosen by 1,000 client companies
- Offering network and data security solutions

Platform Business

- Has been providing platform-based Device Authentication Service for Korea's 4 major telecoms for over 10 years.
- Value creation though big data analysis on standard infrastructure
- Most traffic analysis know-how in Korea

Company Name	SOOSAN INT Co., Ltd.		
Date of Est.	March 4 th , 1998		
C.E.O.	Chung Suk Hyun, Lee Sung Kwon		
Capital	KRW 3.37 billion		
Employees	101 (as of March 2018)		
Business Area	Software development and supply (Network access		
DUSITIESS ATEd	management solution, etc.)		
	SOOSAN Industries Co., Ltd.		
Affiliates	SOOSAN Heavy Industries Co., Ltd.		
Amiales	SOOSAN ENS Co., Ltd.		
	SOOSAN Hometech Co., Ltd.		





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IV. Company Profile Products

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Prism SSL va

Integrated Internet Access Management Solution

- A business efficiency solution.
- Controls access to HTTPS sites.
- Has visibility into SSL traffic.
- Includes the nation's largest URL DB.

SSL Visibility Solution

- TST-based visibility into TLS/SSL traffic at all ports.
- Since 5-tuples are not modified, can be installed in existing networks without changes to the network architecture

Virtualization-based Next Generation Security Solution

ReD HYPERVISOR

- 1st application of VMI in Korea
- Next Generation Hypervisor Security Solution
- Data security solution applicable across industries

⊘ Walker Security ∨7

Non-business Sites Blocking Solution

- The highest share in the Korean government sector.
- Chosen by over 1,000 clients
- Korea's largest DB
- Controls access to nonbusiness/harmful sites, with integrated management.

IV. Company Profile Major references

Walker SWG V9



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SOOSAN INT Co., Ltd.

