KSIDC
Korea Server Hosting Inc

KS Korea Server Hosting 코리아서버호스팅

IPS Security Operation

- Grand Prize of Excellent Company management for Future Creation in cloud field
- Three Years in a row, Grand Prize of Customer Satisfaction in Korea
- First Place of Rankey.com IDC Field since 2010
- Certified Readiness Assessment Information Protection by ICT Paired-associates
- Confirmation of Cloud Service by KACI
- Awarded company that is the most innovated service quality
- Winner of Customer Satisfaction Survey by KISA
- Grand Prize of Technical Innovation Award IDC Field
- Awarded company that is the new growth power to leading industries in Korea

KoreaServerHosting Inc. must be your strategy partner with unique maintain services.
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IPS Security Operation

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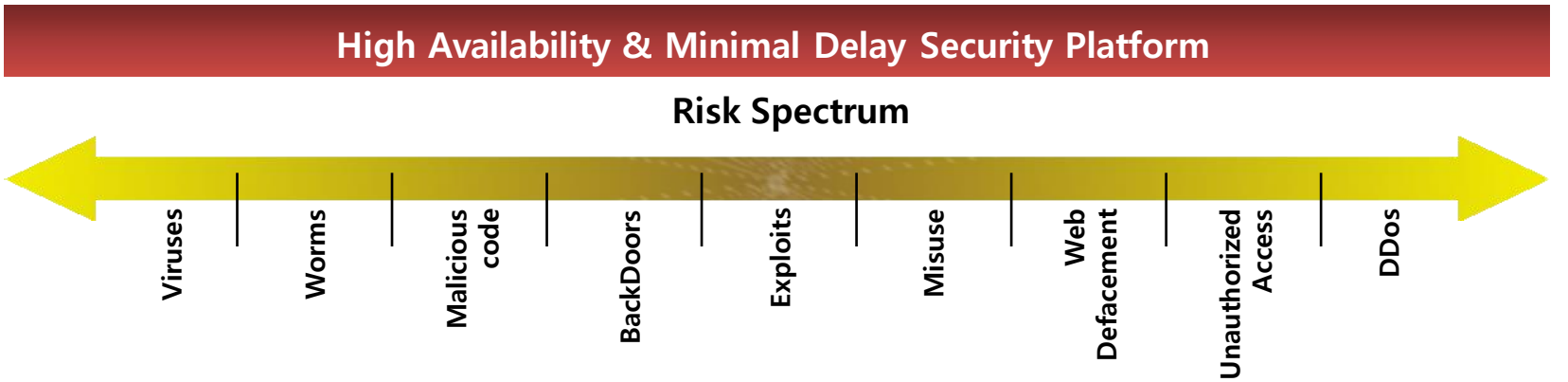
Fiercely Security IPS Security Operation
for Real-time detection and automatic Inter ception

- Real-time detection and defense
- Internal Information Leakage Prevention
- Regular patch in Emergency circumstances
- Easy installation and operation

❖IPS Security Operation Service?

IPS Security Operation will be operated detection and defense action conatively for Network trespassing conatively and it is the real-time auto detection and defense services which means real-time packet process and false positives to a minimum, transformed attack and false positives attack detection, security zone configured which is real-time reaction technology in each situation.

KSIDC security operation service can configure normal zone and security zone from network upper side, sepecially security zone could be divided three level which is malicious traffic block, actively IPS defense system, configured KS firewall for 24 X 7 professional engineer support.



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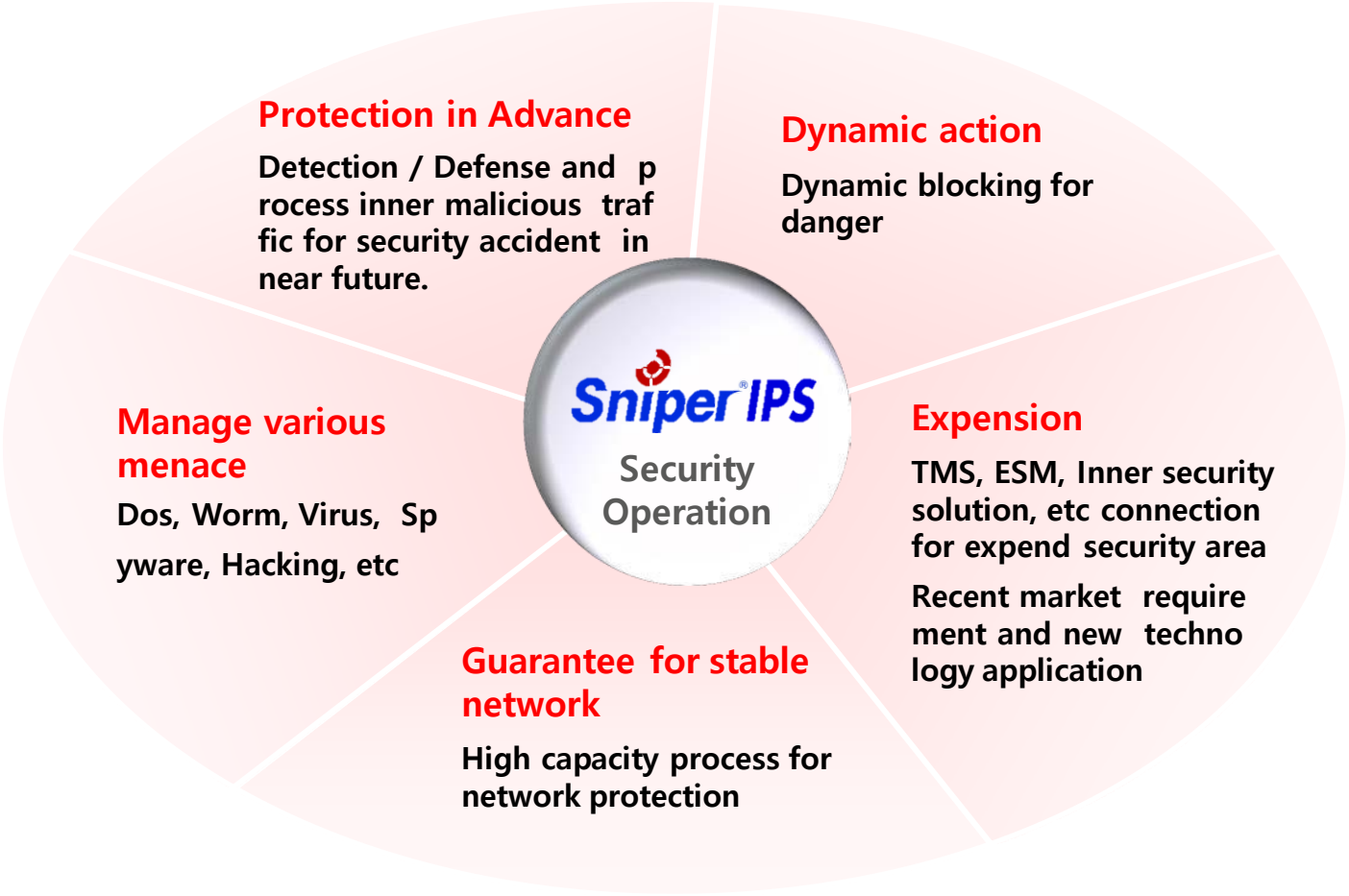
❖ Necessity and effect of introduction



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✓Expected effects

- Internal user observation → Internal security strengthening
- Problem report and manage available if internal server/network problem occured
- Worm virus infection and blocking malicious traffic from user
- Malicious traffic block → Increase the solubility of current network
- Process available for malicious traffic which currently unknown
- Protect internal network and resource from DoS, DDos
- Quick response for large hacking attach included worm virus

- Customer satisfaction and organization cecure through service life-cycle guarantee in server
- Information asset protection effect through introduction of the product is much higher than product introduction costs
- Efficient Qos Policy establishment, traffic quality guarantee and SLA concept strengthening

Timeliness	Reliability	Appropriateness
Timely improved alarm for impending attack	Perfect and reliability analysis and risk ass essment	Planning and implementing effective countermeasures for attack mitigation

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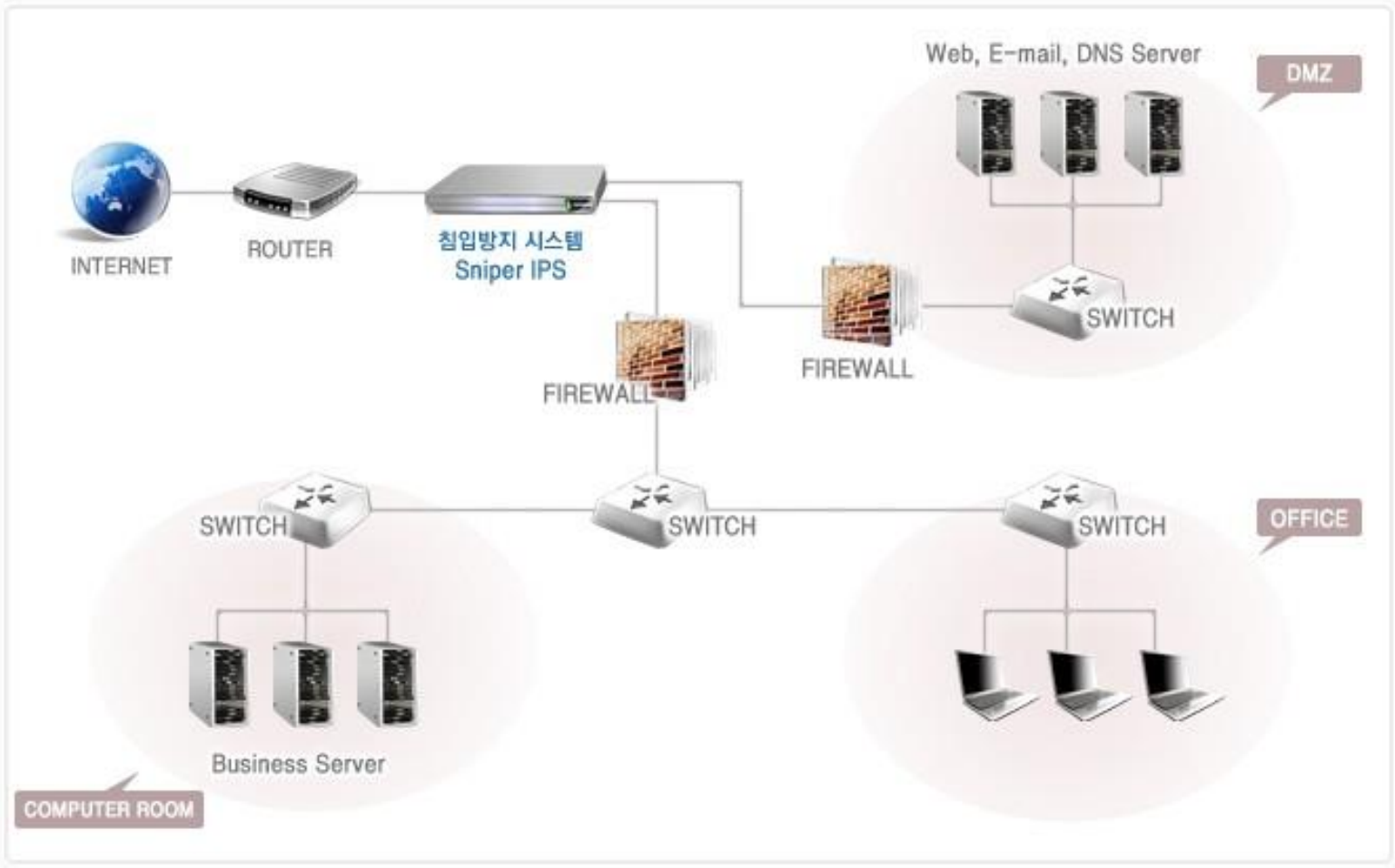
❖Service Diagram



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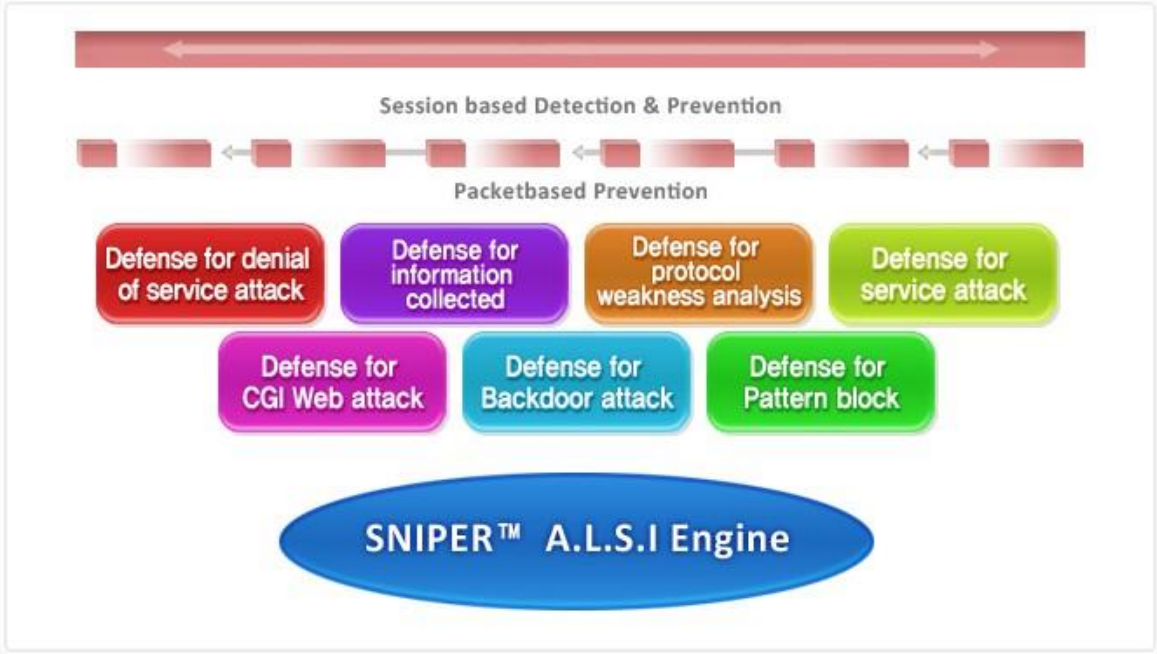
❖ IPS Architecture

- Application Level Stateful Inspection Engine development which is improved from SNIPER-IDS Technology
- SNIPER-A.L.S.I Engine for False Negative prevention which ocurred from switch, firewall
- It is the advanced technology which is shortening signature for fast detection speed and available to detect various form attack like directory Traverse, WEB CGI attack etc.
- Analysis technology that is dedicate session compound to hacking attack if has attacked to based on TCP Connection-Oriented



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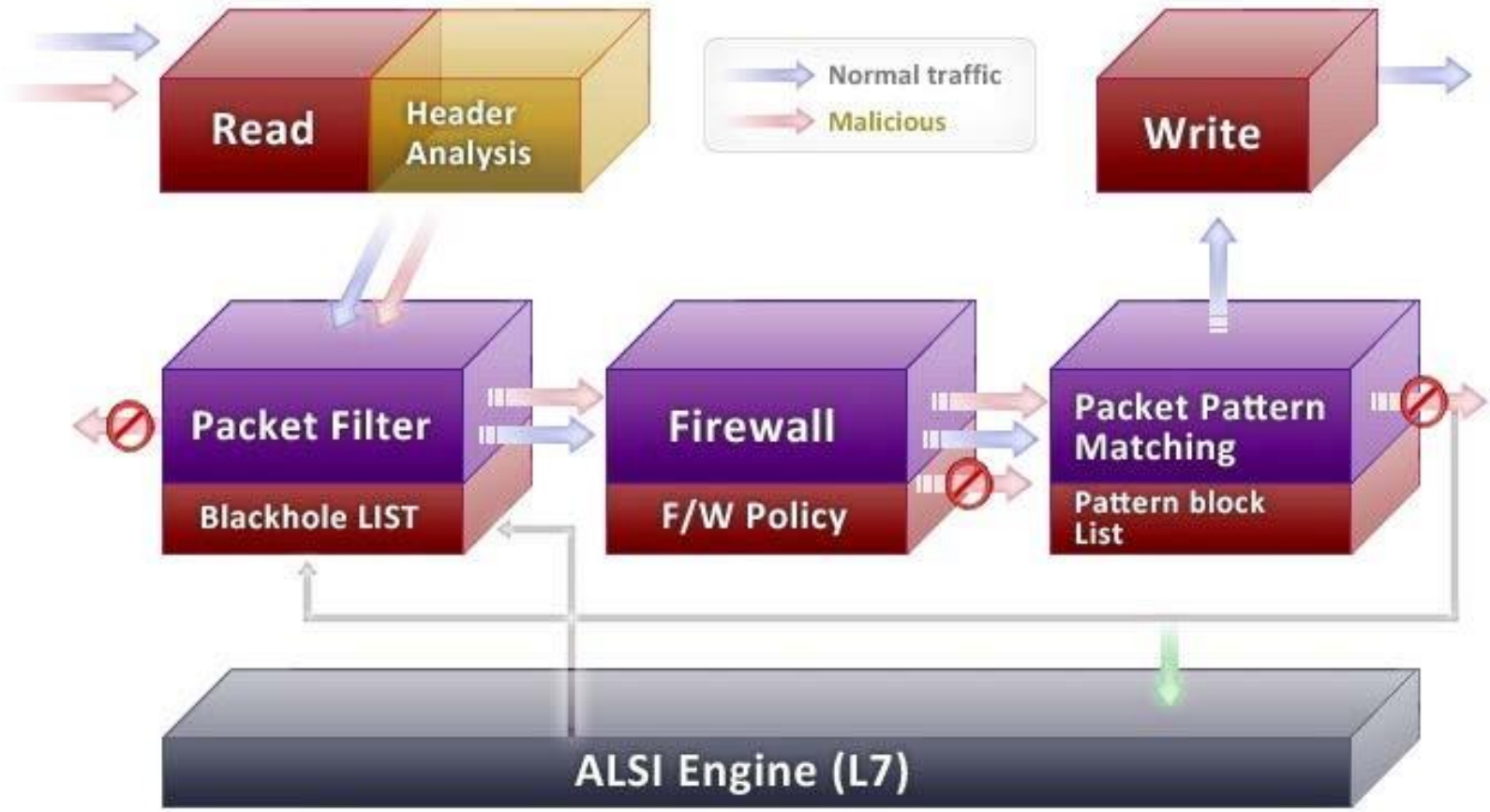
✓Engine Flow



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❖IPS Specification[Function]

IPS Specification		
System	Stand-Alone Management	○
	Extra Console	╳
	Web Management	○
	SLI Encrypt	○
	CLI Support	╳
	Transparent Mode	○
	Security Certification	CC
Real-time Monitoring	Real-time detection /Defense Information	○
	Traffic trends/Network Load	○
	Protocol-specific share	○
Detection Block Method	Application Level Stateful Inspection	○
	Dynamic Black List	○
	One-way attack defense	○
	Defragmentation	○
	Reassembly	○
	Forensic Support	○

IPS Specification		
Detection Categories	Dos	○
	Probing	○
	Service Attack	○
	Protocol Weakness	○
	Backdoor	○
	Web CGI	○
	Worm	○
	Anomaly	○
	User defined	○
	Import/Export Signature	○
	Live update	○
	Signature Scheduling	○
	Signature amount	1500+
	If critical Problem 24hours support	○
Actions	Detect Only	○
	Block	○
	Allow	○
	Alert	○
	Log	○

IPS Specification		
Notification /Messaging	E-mail	○
	Screen Display	╳
	Alarm Sound	○
	SMS	○
	Script	○
	Syslog	○
	SNMP	○
내부정보유출 방지	E-mail	○
	Telnet	○
	FTP Rlogin	○
	NETBIOS	○
	Raw Data	○
Reports	Monthly report	○
	Customize	○
	File Type	CSV, Excel
Additional Functions	Firewall	○
	Passive Mode	○
	MPLS	○
	High Availability(HA)	○
Minimize of False Positive	Exception mechanism	○
	Attack information tuning	○
	RawData Capture	○
	Inside / Outside IP configure	○
	ALSI	○

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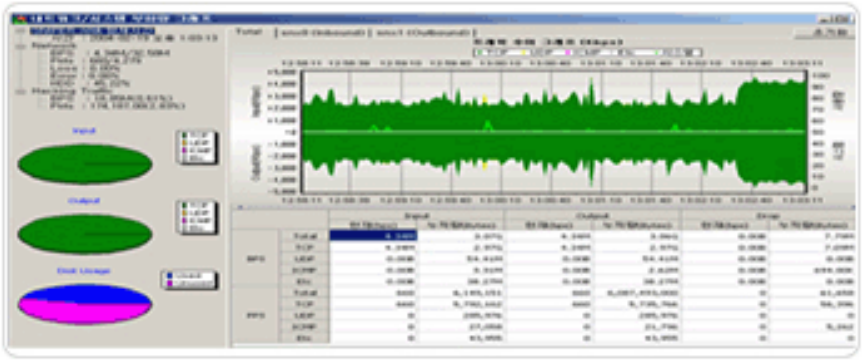
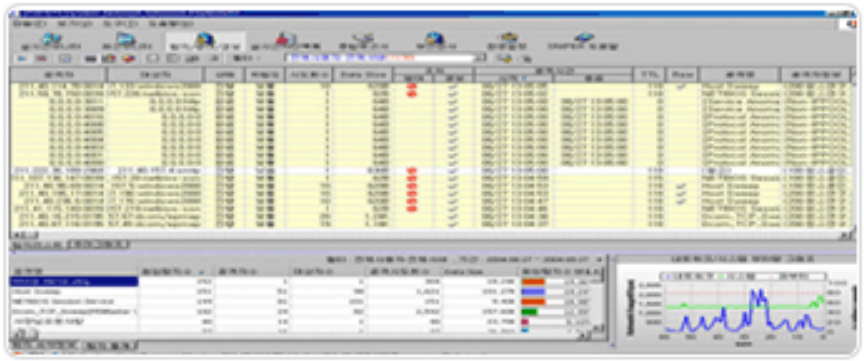
❖ Real Time Monitoring

- Real time session information (HTTP, FTP, Telnet etc.) and Network trends check



- Available to check Real Time detection/ Defense Information (Hacking, User defined, Network) and defense status(defense time limit)



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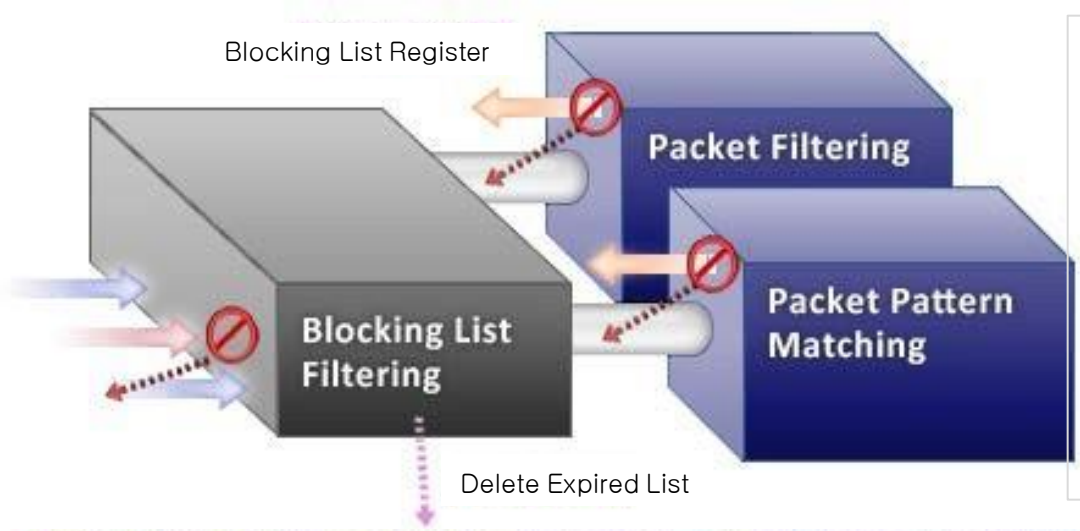
❖Dynamic Rule apply

- Block Filtering & Matching and register Blocking List at the same time
- Dynamic policy rule apply of delete after Blocking List expired
- Manual mode available



Blocking List Elements

- Date of register / expiration
- How-to-Block Attack/Desti
- nation address Protocol/Po
- rt
- Reason of Block
- Attack code Na
- me of Attack

Thank you

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Trustworty Korea Server Hosting

Korea Server Hosting Inc is Professional hosting provider in Korea. It is based on SOJUNG.NET which is provided webhosting service sinc e march of 2002. Korea Server Hosting Inc. has been established as differentiated service, honesty and believable service.

Create, Faith, Honesty, Discrimination

Began with webhosting, serverhosting, KSIDC is recognized as the best discrimination service, honesty, Faith company.

Currently, KSIDC are providing variety customer needs service which is concentrating system development to own good developer and s trategic partnership with another venture company.

B2C, B2B, CLUSTER, Mobile, CRM,, NTS

KSIDC will moderate to be bent solely upon profit and temporary co mpany management because KSIDC has based on faith which means keep seek to be a best with cost, performance, speed, quick custome r support and satisfaction in the market place. Ultimately, The growth rate will be the same with customer and realize dream of all.

Thank you for reading it to end.