



Security Function

Firewall		Network & Management		VPN	
Firewall	Secure OS(SecuiOS)	Network	Router, Bridge Mode	IPSec	Encryption & Hash Algorithm with CMVP (AES, SEED, ARIA, SHA-256)
	Stateful Inspection		802.1Q VLAN		IPSec NAT Traversal
	Router/Bridge integrated management		802.3ad Link Aggregation		DPD(Dead Peer Detection)
	Classification Algorithm		VoIP(H.323, SIP) Support		MBB(Multi-Bandwidth Bonding)
	Domain object		Dynamic DNS(DDNS)		IKE v1, v2
HA	User identification and control (interfaced with authentication server)	Management	RIP, OSPF, BGP	SSL	Mobile VPN support (iOS, Android)
	Active-Active HA with L2/L3 switch		Multicasting Routing Protocol (PIM-SM v2, IGMP v1, v2)		Gateway-Client
NAT	Session Synchronization for Firewall, VPN, Application security	Web Security	Policy based Routing	IPS	Web Tunnel Mode
	Static, Dynamic NAT		IPv6 Ready		Full Tunnel Mode
	Interface based NAT		Dashboard		Pattern Matching Filtering (Signature DB)
Anti-X	Port Address Translation	Web Filter	SNMP v1/v2/v3, Syslog transmission	DDoS	Policy Based Signature Filtering
	Anti-Malware		URL Reputation DB		User Defined Signature Filtering
	File-based, Stream-based support		Categorized Global URL DB (Webroot/ALSI)		Auto/Manual Signature Update
	No limit to inspection file size		Extended URL inspection		Traffic limit based defense
Anti-SPAM	HTTP, FTP, SMTP, POP3	Web Contents Filtering	Blocking anonymizer to block bypass accesses	Application Control	Behavior based defense
	Keyword blocking		configuration and editing of warning pages		Signature based defense
	Real-Time Blocking List, Open Relay Database Server		Blocking of command line injection		Zero-day and Unknown Attack defense
Hypervisor	Restrictions on the number of recipients and bulk email	Application Control	Blocking of web server data collection with web robots	IPS	Instant Messenger control
	Restrictions on e-mail size		Blocking of prohibited patterns and extensions within URLs		P2P, SNS control
				Web Mail, Web Hard control	
				Behavior control by Application	



Hardware Specification

Lineup	MF2 VE 500	MF2 VE 1000	MF2 VE 1500
Support hypervisor	VMware, Xen, Hyper-V, KVM		
vCPU Support	1 or more		
Memory Support(min)	2GB or higher		
Storage Support	10GB / 2TB		
Firewall Throughput ¹⁾	2Gbps		
IPSec VPN Throughput ²⁾	600Mbps		
CPS	45000		
SSL VPN User	200		
Firewall Policy	10,000	20,000	40,000
IPsec Tunnel	1,000	2,000	3,000
Concurrent Session	0.8 Million	2.5 Million	3.5 Million

¹⁾ UDP Bi-Directional 512bytes (Agg Tput : 2G)

²⁾ UDP Bi-Directional 1408bytes, AES256_SHA1

CPU environment : Intel(R) Xeon(R) CPU E3-1275 V2 @ 3.50GHz 1core

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SECUI MF2 VE



NEXT GENERATION FIREWALL OPTIMIZED FOR VIRTUAL SERVER AND
PUBLIC/PRIVATE CLOUD SECURITY

SECUI



Introduction



What is SECUI MF2 VE?

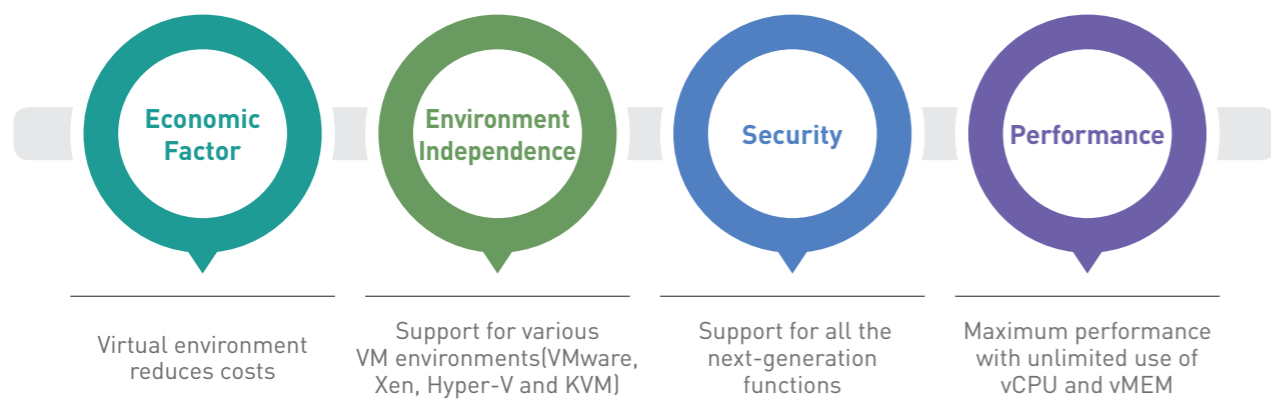
It is a next generation firewall developed with the extensive know-how of Korea's N/W security leader SECUI and optimized for virtual server and cloud environments.

Multi-Function Firewall Virtual Edition

New security issues have revealed themselves recently, including APT penetration into cloud environments, attacks against server vulnerabilities and the demand for new application control features. As a result, next-generation firewall security for Next-generation virtual firewall has become necessary.



Key Features



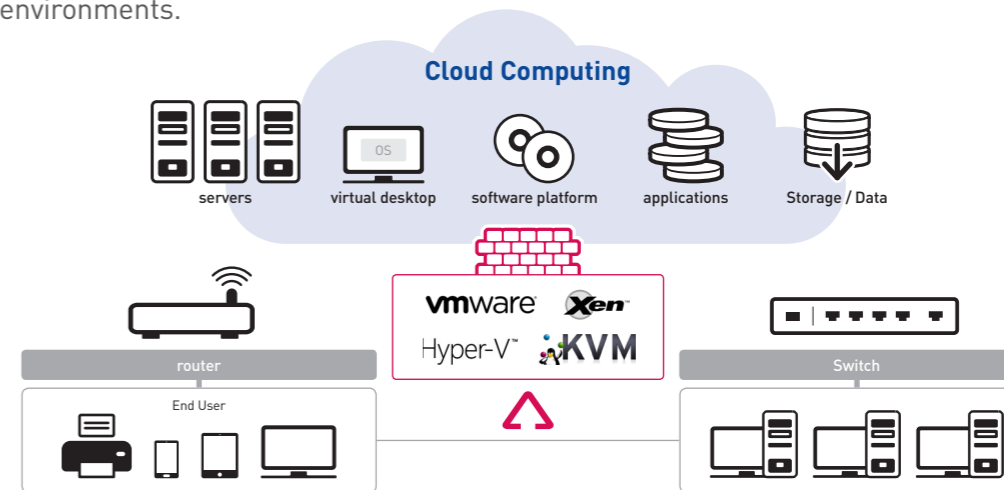
Next generation firewall

Powerful security features that encompass all of the functionality expected of a next-generation firewall

Connection security	Application security	Contents security	Networking	Hypervisor
Firewall	Application Control	IPS & DDoS	SMART HA	VMware
VPN	Web-Filter (Global URL reputation DB)	Anti-Virus	Multicast (PIM-SM, IGMP)	Xen
IPSec VPN, SSL VPN, Mobile VPN	(Webroot/ALSI)	Anti-Spam	RIP, OSPF, BGP	Hyper-V
		RBL(Real-time Blocking List)	SMART NAT (Policy Based NAT)	KVM
			PBR (Policy Based Routing)	

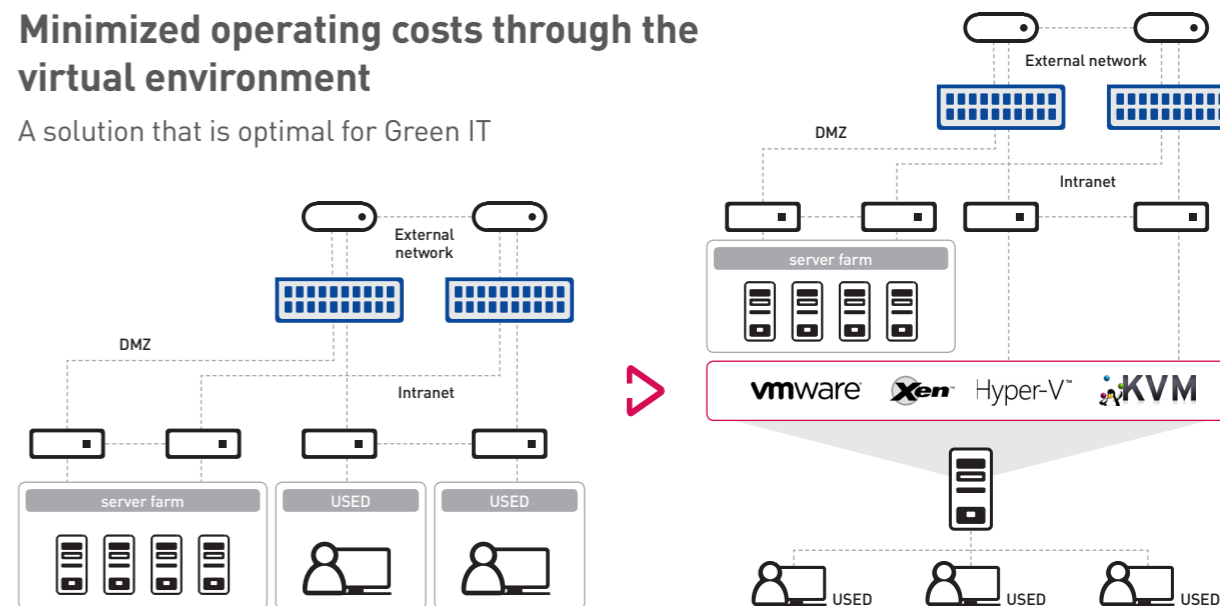
Compatibility With Various Cloud Environments

Supports for all types of hypervisor (VMware, Xen, Hyper-V and KVM), optimized for cloud environments.



Minimized operating costs through the virtual environment

A solution that is optimal for Green IT



Unlimited

Maximum performance thanks to unlimited resource allocation

