

# McAfee Virtual Contexts

Cost optimization with simplified infrastructure

Cloud-based services and virtual deployments are increasingly replacing traditional physical installations—partly as a result of cost optimization measures. Virtualization enables multiple individual services to run concurrently on a single system. Services and service-specific configurations are run in isolation, as if they were on separate devices. Replicating the use of a single physical next-generation firewall makes perfect sense for both Managed Security Services Providers (MSSPs) and large enterprises where strict traffic separation is a must. With McAfee® Virtual Security Contexts, we extend our leading next-generation firewall technology to virtualization.

McAfee Virtual Security Contexts can be deployed with a broad range of McAfee appliances, as well as with software installations. These virtual contexts are managed through the centralized McAfee Security Management Center. A single physical device may be used as a master next-generation firewall to provide resources for McAfee Virtual Security Contexts.

Routing tables and traffic policies can be defined independently for each virtual instance with a shared operating system. This enables server consolidation, which results in decreased energy consumption, reduced space requirements, and ease of management—all of which contribute to lower total cost of ownership.

You can easily and cost effectively implement McAfee Virtual Contexts with the basic license agreement. With 250 McAfee Virtual Contexts per installation, organization can easily scale up as their needs change.



Figure 1. A single master McAfee Next Generation Firewall may be deployed with multiple McAfee Virtual Contexts. Firewall/VPN, intrusion prevention systems (IPS) and level 2 firewall roles are supported.

## McAfee Virtual Contexts Specifications

Specifications			
Software release	5.5 or later		
Supported configuration Roles	Layer 3 firewall/VPN Layer 2 firewall/intrusion prevention system/intrusion detection system (requires 5.6)		
Supported Appliances/ Licenses	Base Quantity Virtual Contexts	Additional Virtual Contexts with License	Maximum Virtual Contexts
MIL 320	5	n/a	5
NGF 1035	0	1-5	5
NGF 1065	0	1-5	5
NGF 1402	10	11-25, 26-50, 51-100, 11-100	100
NGF 3202	10	11-25, 26-50, 51-100, 11-100	100
NGF 3206	10	11-25, 26-50, 51-100, 101-250, 11-250	250
NGF 5206	10	11-25, 26-50, 51-100, 101-250, 11-250	250
NGF 1	0	1-5	5
NGF 2	0	1-5	5
NGF 4	5	6-10, 11-25, 6-25	25
NGF 8	10	11-25, 26-50, 51-100, 11-100	100
NGF 16	10	11-25, 26-50, 51-100, 101-250, 11-250	250
NGF 32	10	11-25, 26-50, 51-100, 101-250, 11-250	250
Product Codes	Description	Supported Appliances	
FPK NGF VE 1	Virtual Context feature pack license 1-5	1035, 1065, and 1-2 CPU licenses	
FPK NGF VE 2	Virtual Context feature pack license 6-25	4 CPU licenses	
FPK NGF VE 3	Virtual Context feature pack license 11-100	1402, 3202, and 8 CPU licenses	
FPK NGF VE 4	Virtual Context feature pack license 11-250	3206, 5206, and 16-32 CPU licenses	
FPK NGF VE UPG 1	Virtual Context feature pack upgrade license 6-10	4 CPU licenses	
FPK NGF VE UPG 2	Virtual Context feature pack upgrade license 11-25	1400, 3200, and 5200 series and 4-32 CPU licenses	
FPK NGF VE UPG 3	Virtual Context feature pack upgrade license 26-50	1400, 3200, and 5200 series and 8-32 CPU licenses	
FPK NGF VE UPG 4	Virtual Context feature pack upgrade license 51-100	1400, 3200, and 5200 series and 8-32 CPU licenses	
FPK NGF VE UPG 5	Virtual Context feature pack upgrade license 101-250	3206, 5206, and 16-32 CPU licenses	

