

VortiQa Software for Small Business Gateways

SME

Last Updated: Apr 10, 2022

VortiQa® software for small business gateways is a production-ready security and convergence solution specifically tailored for small and branch office gateways. This software product line offers a high-performance, feature-rich security product and yet provides simplified management interfaces. It supports load-balancing and fail-over via separate WAN connections. The software architecture is performance-tuned for PowerQUICC® and QorlQ® processors.

VortiQa software for small business gateways is pre-integrated with PowerQUICC and QorlQ single- and multicore processor solutions such as the MPC8377 and the QorlQ P2020 processors. The software leverages special hardware capabilities of the PowerQUICC and QorlQ platforms such as security engine for IPSec and IKE encryption and decryption.

SMBUSINESS_BD1 Block Diagram

	Embedde	ed Manage	ement: CLI, HTTP, TR069	/TR098, LDSV, S	YSL	.OG, eMail		
IKEV1		7	LAN/WAN Protocols Authentication					=
PKI (SCEP,OCSP)		Ш	DHCPC, DHCPS				LDAP	
XAUTH			PPPoE, PPTP Client				RADIUS	User Space
IRAS, IRAC			Dynamic DNS, DNSRD, NTP Client Local DB					
L2TPoIPSEC			Routing (RIP v1/v2)				_	
		111	IGMP Proxy					
	!		Firewall/NAT	04			IPSec	
TCP/IP	Attack Defense		ACLs ALGs	Proxy In	fras	tructure	IPSec Engine	Kernel Space
TCP/IP	Attack Defense		ACLs ALGs Session		fras	tructure	7.75.55	
TCP/IP		net, VLAN,	ACLs ALGs Session	Management Based QoS			Engine	
TCP/IP		net, VLAN,	ACLs ALGs Session ToS	Management Based QoS			Engine	

View additional information for VortiQa Software for Small Business Gateways.

Note: The information on this document is subject to change without notice.

www.nxp.com

NXP and the NXP logo are trademarks of NXP B.V. All other product or service names are the property of their respective owners. The related technology may be protected by any or all of patents, copyrights, designs and trade secrets. All rights reserved. © 2025 NXP B.V.