Section 3 - Software Defined Network (SDN)

Virtual Network Service (VNS)

Virtual Netw ork Services (VNS) is a virtual netw ork service which provides functions (VNFs) deployed on cloud-based virtual machines (VMs) in the Hosted Netw ork Services (HNS) environment, or premise-based universal CPE hardw are (uCPE) VMs, subject to availability. With VNS, Verizon provides a choice among standard softw are-based services: Virtual Netw ork Services – Routing, Security, SD-Wan and WAN Optimization. These are offered by service in three softw are options depending on VNF to include Essential, Core and Complete Service Levels. There are also two Management levels to include Monitor or Managed. Each VNF available based of processing speed requirements not to exceed 10 Gbps. Sizing on uCPE will depend on customer requirements determined in a needs assessment. VNS Universal Customer Premise Equipment (uCPE) and Netw ork Functions Virtualization (NFV) are subject to product availability and service design support. Pre-design VNS service chaining approvals are required for quoting this service.

Feature Name	Description	Unit of Measure	Non-Recurring Charge	Monthly Recurring Charge
Premise Based	·			
Universal CPE (uCPE) – Verizon Owne	d & Managed Host Hardware			
Site Survey Standard WAN/LAN R Business Hours	Includes one service call, up to two total hours of on-site labor and a site survey report, including evaluation for installation of CPE and/or network services, environmental conditions, power source availability and additional inside wiring requirements.	Each	\$479.05	\$0.00
Wireless Site Survey Business Hours	Includes one service call, up to two (2) total hours on-site labor and a report assessing the proposed CPE location for Wireless WAN access, signal strength, RF interference, throughput speeds, CPE placement recommendations and/or external antenna requirements.	Each	\$410.61	\$0.00
Inside Wiring Standard Business Hours	Includes one service call, up to 2 total hours of on-site labor, installation of one (1) Cat 3, 5 or 5e cable drop up to 150 feet (vertical length up to 12 feet), connectors, ty-w raps, jacks and cable test, to connect tw o items of Customer equipment.	Each	\$479.05	\$0.00
Juniper NFX 250 S1	uCPE installed to include uCPE Maintenance, Software, software Maintenance, 56k Modem, Cisco Asynckit, 6' Ethernet RJ45 cable.	Each	ICB	ICB

Feature Name	Description	Unit of Measure	Non-Recurring Charge	Monthly Recurring Charge
Dell R430-8 with LTE Capital Service	uCPE installed to include uCPE Maintenance, Software, software Maintenance, 56k Modem, Cisco Asynckit, 6' Ethernet RJ45 cable.	Each	\$3,877.42	\$50.43
Dell R430-8 Capital Service	uCPE installed to include uCPE Maintenance, Software, software Maintenance, 56k Modem, Cisco Asynckit, 6' Ethernet RJ45 cable.	Each	\$3,749.42	\$50.43
Dell R430-8 Operational Service	uCPE installed to include uCPE Maintenance, Software, software Maintenance, 56k Modem, Cisco Asynckit, 6' Ethernet RJ45 cable.	Each	\$100.00	\$262.71
Dell R430-16 with LTE Capital Service	uCPE installed to include uCPE Maintenance, Software, software Maintenance, 56k Modem, Cisco Asynckit, 6' Ethernet RJ45 cable.	Each	\$6,910.86	\$72.09
Dell R430-16 Capital Service	uCPE installed to include uCPE Maintenance, Softw are, softw are Maintenance, 56k Modem, Cisco Async kit, 6' Ethernet RJ45 cable.	Each	\$6,680.86	\$72.09
Dell R430-16 Operational Service	uCPE installed to include uCPE Maintenance, Software, software Maintenance, 56k Modem, Cisco Asynckit, 6' Ethernet RJ45 cable.	Each	\$100.00	\$456.51
Dell R630-36 with LTE Capital Service	uCPE installed to include uCPE Maintenance, Softw are, softw are Maintenance, 56k Modem, Cisco Async kit, 6' Ethernet RJ45 cable.	Each	\$13,067.09	\$125.79
Dell R630-36 Capital Service	uCPE installed to include uCPE Maintenance, Software, software Maintenance, 56k Modem, Cisco Asynckit, 6' Ethernet RJ45 cable.	Each	\$12,937.09	\$125.00
Dell R630-36 Operational Service	uCPE installed to include uCPE Maintenance, Software, software Maintenance, 56k Modem, Cisco Asynckit, 6' Ethernet RJ45 cable.	Each	\$100.00	\$875.65
uCPE Custom	Custom uCPE required for customer requirements.	Each	ICB	ICB

Feature Name	Description	Unit of Measure	Non-Recurring Charge	Monthly Recurring Charge
Router Network Functions Virtualization	(NFV) - Size / Mgmt Level / Service Level		1	
Cisco CSR available for Managed Service Essential, Core and Complete Service Level	e. s are available to include the follow ing Features:			
Essential:				
BFD, and CLNS• Multicast: Internet Group	formation Protocol (RIP), Intermediate System-to-Inte Management Protocol (IGMP) and Protocol Independ T, DHCP, and DNS, • Basic security: ACL, AAA, RA ETCONF	lent Multicast (PIM) • F	ligh availability: HSRP,	VRRP, and
Core:				
and CLNS. Multicase - Internet Group Manag Addressing - 802.1Q VLAN, EVC, NAT, DHC	nformation Protocol (RIP), Intermediate System-to-Int gement Protocol (IGMP) and Protocol Independent M 2P, and DNS. Security - ACL, AAA, RADIUS, and TA ilability for ZBFW and NAT. Management - Cisco IOS	/ulticast (PIM). High Ava CACS+, Zone based fir	ailability - HSRP, VRRF ewalls, IPsec VPN, Ea	P, and GLBP. sy VPN,
Complete:				
	otocol Version 3 (L2TPv3), MPLS, VRF, and VXLAN, BAR2), AVC, and IP SLA● Hybrid cloud connectivity			
Cisco CSR 10 Mbps Managed Essential		Each		-
Cisco CSR 20 Mbps Managed Essential			N⁄A	\$195.00
		Each	N/A N/A	\$195.00 \$260.00
Cisco CSR 50 Mbps Managed Essential		Each Each		
			NA	\$260.00
Cisco CSR 100 Mbps Managed Essential		Each	N/A N/A	\$260.00 \$340.00
Cisco CSR 1000 Mbps Managed Essential		Each Each	N/A N/A N/A	\$260.00 \$340.00 \$530.00
Cisco CSR 100 Mbps Managed Essential Cisco CSR 1000 Mbps Managed Essential Cisco CSR 2000 Mbps Managed		Each Each Each	NVA NVA NVA NVA	\$260.00 \$340.00 \$530.00 \$660.00
Cisco CSR 100 Mbps Managed Essential Cisco CSR 1000 Mbps Managed Essential Cisco CSR 2000 Mbps Managed Essential		Each Each Each Each	NVA NVA NVA NVA NVA	\$260.00 \$340.00 \$530.00 \$660.00 \$950.00
Cisco CSR 100 Mbps Managed Essential Cisco CSR 1000 Mbps Managed Essential Cisco CSR 2000 Mbps Managed Essential Cisco CSR 10 Mbps Managed Core		Each Each Each Each Each	NVA NVA NVA NVA NVA NVA	\$260.00 \$340.00 \$530.00 \$660.00 \$950.00 \$250.00

Feature Name	Description	Unit of Measure	Non-Recurring Charge	Monthly Recurring Charge
Cisco CSR 1000 Mbps Managed Core		Each	N⁄A	\$815.00
Cisco CSR 2000 Mbps Managed Core		Each	N/A	\$1,300.00
Cisco CSR 10 Mbps Managed Complete		Each	N/A	\$280.00
Cisco CSR 20 Mbps Managed Complete		Each	N/A	\$390.00
Cisco CSR 50 Mbps Managed Complete		Each	N/A	\$465.00
Cisco CSR 100 Mbps Managed Complete		Each	N/A	\$790.00
Cisco CSR 1000 Mbps Managed Complete		Each	N/A	\$955.00
Cisco CSR 2000 Mbps Managed Complete		Each	N⁄A	\$1,425.00
	vi<i>ce.</i> v,IPv4 & IPv6, MPLS, L2 VPN(vpls) L3 VPN. Multicas sive. Addressing - Static NAT, PAT, persistent NAT,	NAT64. Security - State	full firew all, screens, s	ecurity zones.
Juniper vSRX 20 Mbps Managed Core		Each	N/A	\$105.00
Juniper vSRX 50 Mbps Managed Core		Each	N/A	\$115.00
Juniper vSRX 100 Mbps Managed Core		Each	N/A	\$125.00
Juniper vSRX 1000 Mbps Managed Core		Each	N⁄A	\$175.00
Juniper vSRX 2000 Mbps Managed Core		Each	N⁄A	\$210.00

Feature Name	Description	Unit of Measure	Non-Recurring Charge	Monthly Recurring Charge
Software Define (SD) - WAN Network Func	tions Virtualization (NFV) - Size / Mgmt Level			
Viptela vEdge is available for Monitor Serv	vice.			
Essential, Core and Complete Service Levels	are available to include the following Features:			
Hub-n-spoke, 1 VPN, NAT: Dynamic, static. A across different paths based on loss, latency, Initial set up & device authentication, Zscaler at scale. Policy - Centralized Data Policy. High	port utilizing IPSec, basic QoS (Classification, re-m Advanced Routing - Static routing only, Application A jitter. Application classification based on IP 5 tuple Access to Access to cloud security service, Encrypti in Availability - Viptela_SD-WAN. Management - vM age monitoring app with vManage monitoring & trou to initial configuration.	Aw are Routing (AAR) the only. Security - Basic A ion at Scale by Automat anage centralized provi	at provides the ability to CLs, Automatic Device ic setup of data-plane sioning with Centralized	o route traffic Authentication - secure tunnels d vManage
Multicast - Multicast includes encryption for m preference/w eight etc., Advanced policies (Se through VRRP or dynamic routing, Manageme	gy: Hub-n-spoke, Full mesh, Star etc. Advanced Ro ulticast, multicast routing protocols. Policy - Central ervice chaining, extranet). High Availability - Controllent nt - vSmart basic policies - Centralized control poli	ized control policy for ro er High Availability/Redu	oute filtering, topology oute filtering, topology oundancy, CPE node re	definition, set edundancy
<u>Complete:</u> Includes all Essential & Core plus Advanced F	Routing - Application Aware Routing based on appli	cation recognition throug		-
	Routing - Application Aware Routing based on appli	cation recognition throug Each		-
Includes all Essential & Core plus Advanced F	Routing - Application Aware Routing based on appli		gh DPI (Deep Packet I	nspection).
Includes all Essential & Core plus Advanced F Viptela vEdge 10 Mbps Monitor Essential Viptela vEdge 20 Mbps Monitor Essential	Routing - Application Aw are Routing based on appli	Each	gh DPI (Deep Packet I N/A	nspection). \$125.00
Includes all Essential & Core plus Advanced F Viptela vEdge 10 Mbps Monitor Essential Viptela vEdge 20 Mbps Monitor Essential Viptela vEdge 50 Mbps Monitor Essential	Routing - Application Aware Routing based on appli	Each Each	gh DPI (Deep Packet I N/A N/A	nspection). \$125.00 \$145.00
Includes all Essential & Core plus Advanced F Viptela vEdge 10 Mbps Monitor Essential Viptela vEdge 20 Mbps Monitor Essential Viptela vEdge 50 Mbps Monitor Essential Viptela vEdge 100 Mbps Monitor Essential	Routing - Application Aw are Routing based on appli	Each Each Each	gh DPI (Deep Packet I N/A N/A N/A	nspection). \$125.00 \$145.00 \$170.00
Includes all Essential & Core plus Advanced F Viptela vEdge 10 Mbps Monitor Essential Viptela vEdge 20 Mbps Monitor Essential Viptela vEdge 50 Mbps Monitor Essential Viptela vEdge 100 Mbps Monitor Essential Viptela vEdge 1000 Mbps Monitor	Routing - Application Aw are Routing based on appli	Each Each Each Each Each	gh DPI (Deep Packet I N/A N/A N/A N/A	nspection). \$125.00 \$145.00 \$170.00 \$195.00
Includes all Essential & Core plus Advanced F Viptela vEdge 10 Mbps Monitor Essential Viptela vEdge 20 Mbps Monitor Essential Viptela vEdge 50 Mbps Monitor Essential Viptela vEdge 100 Mbps Monitor Essential Viptela vEdge 1000 Mbps Monitor Essential Viptela vEdge 10 Mbps Monitor Core	Routing - Application Aw are Routing based on appli	Each Each Each Each Each	gh DPI (Deep Packet I N/A N/A N/A N/A N/A	nspection). \$125.00 \$145.00 \$170.00 \$195.00 \$375.00
Includes all Essential & Core plus Advanced F Viptela vEdge 10 Mbps Monitor Essential Viptela vEdge 20 Mbps Monitor Essential Viptela vEdge 50 Mbps Monitor Essential Viptela vEdge 100 Mbps Monitor Essential Viptela vEdge 1000 Mbps Monitor Essential Viptela vEdge 10 Mbps Monitor Core Viptela vEdge 20 Mbps Monitor Core	Routing - Application Aw are Routing based on appli	Each Each Each Each Each Each	gh DPI (Deep Packet I N/A N/A N/A N/A N/A N/A	nspection). \$125.00 \$145.00 \$170.00 \$195.00 \$375.00 \$185.00
Includes all Essential & Core plus Advanced F Viptela vEdge 10 Mbps Monitor Essential Viptela vEdge 20 Mbps Monitor Essential Viptela vEdge 50 Mbps Monitor Essential Viptela vEdge 100 Mbps Monitor Essential Viptela vEdge 1000 Mbps Monitor Essential Viptela vEdge 10 Mbps Monitor Core Viptela vEdge 20 Mbps Monitor Core Viptela vEdge 50 Mbps Monitor Core	Routing - Application Aw are Routing based on appli	Each Each Each Each Each Each Each Each	gh DPI (Deep Packet I NVA NVA NVA NVA NVA NVA NVA	nspection). \$125.00 \$145.00 \$170.00 \$195.00 \$375.00 \$185.00 \$240.00
Includes all Essential & Core plus Advanced F Viptela vEdge 10 Mbps Monitor Essential Viptela vEdge 20 Mbps Monitor Essential Viptela vEdge 50 Mbps Monitor Essential Viptela vEdge 100 Mbps Monitor Essential Viptela vEdge 1000 Mbps Monitor Essential	Routing - Application Aw are Routing based on appli	Each Each Each Each Each Each Each Each	gh DPI (Deep Packet I N/A N/A N/A N/A N/A N/A N/A N/A	nspection). \$125.00 \$145.00 \$170.00 \$195.00 \$375.00 \$185.00 \$240.00 \$340.00

Feature Name	Description	Unit of Measure	Non-Recurring Charge	Monthly Recurring Charge
Viptela vEdge 10 Mbps Monitor Complete		Each	N/A	\$275.00
Viptela vEdge 20 Mbps Monitor Complete		Each	N/A	\$390.00
Viptela vEdge 50 Mbps Monitor Complete		Each	N/A	\$590.00
Viptela vEdge 100 Mbps Monitor Complete		Each	N/A	\$670.00
Viptela vEdge 1000 Mbps Monitor Complete		Each	N⁄A	\$805.00
Viptela vEdge 2000 Mbps Monitor Complete		Each	N⁄A	\$935.00
Software Define (SD) Secure Branch Versa N	etwork Functions Virtualization (NFV) - Size	/ Mgmt Level / Service I	Level	
Essential, Core and Complete Service Levels an Essential: Automated Provisioning, Ext Service Chaining, M Mgmt/Shaping, Multiple Active Links, Any Topole Gatew ay, Packet Striping, Cloning, FEC, App Tr App Visibility, and TLB. <u>Core:</u> Include all Essential plus Stateful Firew all, App A <u>Complete:</u> Includes all Essential and Core plus DDoS, SSL	VRRP, IPAM, Routing Policies, PBF, MP-BGP, b ogy, Dynamic IPSec Overlays, SD WAN Control affic Engineering App SLA, App Policy Forward Access Control, User/Group Control, IP Reputati	ller, IPSec Transport, CG ling, Inline Performance N	NAT, AppAwareMigr Aleasurement, AppQoS	ation Gatew ay
1				
Versa 10 Mbps Monitor Essential		Each	N/A	\$135.00
Versa 10 Mbps Monitor Essential Versa 20 Mbps Monitor Essential		Each Each	N/A N/A	\$135.00 \$145.00
			-	,
Versa 20 Mbps Monitor Essential		Each	NA	\$145.00
Versa 20 Mbps Monitor Essential Versa 50 Mbps Monitor Essential		Each Each	NVA NVA	\$145.00 \$155.00
Versa 20 Mbps Monitor Essential Versa 50 Mbps Monitor Essential Versa 100 Mbps Monitor Essential		Each Each Each Each	N/A N/A N/A	\$145.00 \$155.00 \$175.00
Versa 20 Mbps Monitor Essential Versa 50 Mbps Monitor Essential Versa 100 Mbps Monitor Essential Versa 1000 Mbps Monitor Essential		Each Each Each Each Each	NVA NVA NVA NVA	\$145.00 \$155.00 \$175.00 \$390.00

Feature Name	Description	Unit of Measure	Non-Recurring Charge	Monthly Recurring Charge
Versa 50 Mbps Monitor Core		Each	N/A	\$185.00
Versa 100 Mbps Monitor Core		Each	N/A	\$205.00
Versa 1000 Mbps Monitor Core		Each	N/A	\$515.00
Versa 10 Gbps Monitor Core		Each	N/A	\$1,875.00
Versa 10 Mbps Monitor Complete		Each	N/A	\$195.00
Versa 20 Mbps Monitor Complete		Each	N/A	\$200.00
Versa 50 Mbps Monitor Complete		Each	N/A	\$210.00
Versa 100 Mbps Monitor Complete		Each	N/A	\$235.00
Versa 1000 Mbps Monitor Complete		Each	NVA	\$615.00
Versa 10 Gbps Monitor Complete		Each	NVA	\$2,320.00
Versa 10 Mbps Managed Essential		Each	N/A	\$145.00
Versa 20 Mbps Managed Essential		Each	N/A	\$155.00
Versa 50 Mbps Managed Essential		Each	N/A	\$165.00
Versa 100 Mbps Managed Essential		Each	N/A	\$185.00
Versa 1000 Mbps Managed Essential		Each	N/A	\$400.00
Versa 10 Gbps Managed Essential		Each	N/A	\$1,100.00
Versa 10 Mbps Managed Core		Each	N/A	\$195.00
Versa 20 Mbps Managed Core		Each	N/A	\$200.00
Versa 50 Mbps Managed Core		Each	N/A	\$210.00
Versa 100 Mbps Managed Core		Each	N/A	\$230.00
Versa 1000 Mbps Managed Core		Each	N/A	\$540.00
Versa 10 Gbps Managed Core		Each	N/A	\$1,900.00
Versa 10 Mbps Managed Complete		Each	N/A	\$455.00
Versa 20 Mbps Managed Complete		Each	N/A	\$460.00

Feature Name	Description	Unit of Measure	Non-Recurring Charge	Monthly Recurring Charge
Versa 50 Mbps Managed Complete		Each	N⁄A	\$470.00
Versa 100 Mbps Managed Complete		Each	N⁄A	\$495.00
Versa 1000 Mbps Managed Complete		Each	N/A	\$870.00
Versa 10 Gbps Managed Complete		Each	N/A	\$2,575.00

Feature Name	Description	Unit of Measure	Non-Recurring Charge	Monthly Recurring Charge
Firewall Network Functions Virtualization	n (NFV) - Size / Mgmt Level / Service Level			
Fortinet Fortigate available for Monitor a	nd Managed Service.			
Essential, Core and Complete Service Leve	s are available to include the follow ing Features:			
	T, RIPv1 and v2, OSPF v2 and v3, ISIS, BGP4. Traffi elpers and ALGs, User and device based policies, Tra		•	
manual, automatic pull or push signature up attackers IP and Victim IP, incoming interface which protects against application-based thr	Engine: 7,000+ up-to-date signatures, protocol anon date, threat encyclopedia integration, IPS Actions: De e) with expiry time Filter-Based Selection: Severity, ta eats by allowing or denying granular network applicat d from applications, Filter-based selection: By behavio on (CLI only), monitor only SSH Inspection.	efault, monitor, block, restarget, OS, application, a tion usage with deep ap	set, or quarantine (atta and/or protocol, applica plication control to reir	ackers IP, ation control nforce business
preventing botnet command and control sign based, flow -based and DNS. Data Loss Prev Actions: Log only, block, quarantine user/IP/ HTTP-POST, HTTP=-GET,SMTP, POP3, IM Allow s filter files that pass through the Fortic hidden in a watermark. Support Windows are and compare it to those in the fingerprint data	tion - Protects against prohibits traffic to and from site nals. Botnet server IP blocking with global IP reputatio vention (DLP) - DLP message filter: (a) Protocol supp interface (c) Predefined filter: Credit card number, So IAP, MAPI, FTP, NNTP (b) Filter options: size, file typ Gate unit and contain a corporate identifier (a text strin d Linux free w atermarking tools AND DLP fingerprinti abase AND DLP archiving: Records full content in en bass w eb traffic un-inspected both to and from know n	on database, Web filterin ported: HTTP-POST, SM pocial Security ID AND DL pe, w atermark, content, ing) and a sensitivity leve ting: Generates a checks mail, FTP, IM, NNTP, an n-good w ebsites in order	ng inspection mode su ITP, POP3, IMAP, MA P file filter: (a) Protoc if encrypted AND DLP el (Critical, Private, and sum fingerprint from in d w eb traffic. Web Filte to accelerate traffic file	pport: proxy - Pl, NNTP, (b) ols Supported: w atermarking: d Warning) tercepted files ering - Provides ow s. Real-time

suspicious and high-risk files in a contained environment to uncover the full attack lifecycle using system activity and callback detection. FortiSandbox offers a robust combination of proactive detection and mitigation, actionable threat insight and integrated and automated deployment. At its foundation is a unique, dual level sandbox which is complemented by Fortinet's award-winning antimalw are and integrated FortiGuard threat intelligence. Years of Fortinet threat expertise is now packaged up and available in the cloud via FortiSandbox.

Feature Name	Description	Unit of Measure	Non-Recurring Charge	Monthly Recurring Charge
Fortinet Fortigate 20 Mbps Monitor/MSS		Each	N/A	\$140.00
Essential		Fach	N1/A	
Fortinet Fortigate 50 Mbps Monitor/MSS Essential		Each	N/A	\$150.00
Fortinet Fortigate 100 Mbps Monitor/MSS Essential		Each	N/A	\$170.00
Fortinet Fortigate 1000 Mbps Monitor/MSS Essential		Each	N/A	\$200.00
Fortinet Fortigate 2000 Mbps Monitor/MSS Essential		Each	N⁄A	\$275.00
Fortinet Fortigate 20 Mbps Monitor/MSS Core		Each	N/A	\$150.00
Fortinet Fortigate 50 Mbps Monitor/MSS Core		Each	N⁄A	\$160.00
Fortinet Fortigate 100 Mbps Monitor/MSS Core		Each	N/A	\$185.00
Fortinet Fortigate 1000 Mbps Monitor/MSS Core		Each	N⁄A	\$340.00
Fortinet Fortigate 2000 Mbps Monitor/MSS Core		Each	N/A	\$625.00
Fortinet Fortigate 20 Mbps Monitor/MSS Complete		Each	N/A	\$180.00
Fortinet Fortigate 50 Mbps Monitor/MSS Complete		Each	N/A	\$190.00
Fortinet Fortigate 100 Mbps Monitor/MSS Complete		Each	N⁄A	\$265.00
Fortinet Fortigate 1000 Mbps Monitor/MSS Complete		Each	N/A	\$1,250.00
Fortinet Fortigate 2000 Mbps Monitor/MSS Complete		Each	N/A	\$1,300.00
Fortinet Fortigate 20 Mbps Managed Essential		Each	N⁄A	\$190.00
Fortinet Fortigate 50 Mbps Managed Essential		Each	N/A	\$200.00
Fortinet Fortigate 100 Mbps Managed Essential		Each	NA	\$220.00

Feature Name	Description	Unit of Measure	Non-Recurring Charge	Monthly Recurring Charge
Fortinet Fortigate 1000 Mbps Managed Essential		Each	N/A	\$255.00
Fortinet Fortigate 2000 Mbps Managed Essential		Each	N⁄A	\$325.00
Fortinet Fortigate 20 Mbps Managed Core		Each	N/A	\$300.00
Fortinet Fortigate 50 Mbps Managed Core		Each	NA	\$310.00
Fortinet Fortigate 100 Mbps Managed Core		Each	N/A	\$345.00
Fortinet Fortigate 1000 Mbps Managed Core		Each	N/A	\$490.00
Fortinet Fortigate 2000 Mbps Managed Core		Each	N⁄A	\$770.00
Fortinet Fortigate 20 Mbps Managed Complete		Each	N⁄A	\$440.00
Fortinet Fortigate 50 Mbps Managed Complete		Each	N⁄A	\$450.00
Fortinet Fortigate 100 Mbps Managed Complete		Each	N⁄A	\$525.00
Fortinet Fortigate 1000 Mbps Managed Complete		Each	N⁄A	\$1,500.00
Fortinet Fortigate 2000 Mbps Managed Complete		Each	N⁄A	\$1,800.00

Feature Name	Description	Unit of Measure	Non-Recurring Charge	Monthly Recurring Charge
Essential: Netw orking - 2 virtual interfaces, 1 external in Firew all includes Layer 3 /4 rules, Source N/ Reporting - netw ork traffic logs and threat de floods that exceed thresholds with options a enforcement/AppID based security policy ru <u>Core:</u> Include all Essential plus Netw orking is increa- Inspection via a stream-based, and wire spec of malicious DNS domains. Vulnerability Sig <u>Complete:</u> Includes all Essential & Core plus Netw orkin need to be made to do this and w hen USERI Decryption - SSL Inspection for firew all uses security settings on the plaintext traffic, inclu (Wildfire Platform - Zero Day Threats) provid Android APKs), leverages global threat intell (e.g. w eb, email, file sharing, media streamin minutes. URL Filtering includes w eb access and updates from WildFire & categorize unk	nged Service. s are available to include the following Features: interface, VLAN tagged Sub-interface, IP v4/I-v6 and AT rules, group objects, 2 zones, geolocation firewall etection. Logging includes send firewall syslogs to 1 of t alarm at a specific rate and activate blocking at a sp les. UserID includes AD/VDAP integration with user in eased to 4 virtual interfaces. Firewall Zones is increased antivirus engine. Anti-Spyw are Signatures - know gnatures - ability to prevent network-borne attacks again g is increased to 4 virtual interfaces. Firewall Zones i b is enable the alerts are tied back to the user (e.g., c certificates and keys to decrypt the traffic specified b ding Decryption, Antivirus, Vulnerability, Anti-Spyw and es analyze file types used in targeted attacks (e.g. Pr igence to prevent attacks on your network before the ng), View logs / forensics through one interface to red can be allowed by category / user group, Regional se now n URLs. Global Protect extends the protection of t to maintain visibility of traffic and enforcement of se	rules, application identificustomer destination. DE becific rate (sync, ICMP, dentification. ed to 3. Antivirus Signat n spyw are/malw are prevainst client and server v sincreased to 3+. DLP credit card, SSN, keyw co by the policy to plaintext, re, URL Filtering, and Fil ortable Executables, Mice y happen, detects/preve- luce time for event corre- eed database, fast URL the Palo Alto Networks	ication and logging us ooS Lite (Flood Protect UDP flood). AppID - F urres - know n virus pro- vention, maintenance ulnerabilities. Lite for content base ord, file type - detection and then enforces Ap e-Blocking profiles. A crosoft Office files, Ad ents against multiple a elation and forensics g lookup in Data & Man ® Next-Generation Se	and OSPF. sing AppID. tion) - Detect Positive security otection, of signature set custom rules n and blocking). pp-ID and nti-Malw are obe PDFs, and ttack vectors jathering dow n to agement plane, ecurity Platform to
minimize dow ntime.	Clients). High Availability provides environments deplo	Each	N/A	\$145.00
Palo Alto 20 Mbps Monitor Essential				-
Palo Alto 50 Mbps Monitor Essential		Each	N⁄A	\$155.00
Palo Alto 100 Mbps Monitor Essential		Each	N⁄A	\$215.00
Palo Alto 1000 Mbps Monitor Essential		Each	N/A	\$310.00
Palo Alto 2000 Mbps Monitor Essential		Each	N/A	\$675.00
Palo Alto 20 Mbps Monitor Core		Each	N/A	\$160.00
Palo Alto 50 Mbps Monitor Core		Each	N/A	\$170.00

Feature Name	Description	Unit of Measure	Non-Recurring Charge	Monthly Recurring Charge
Palo Alto 100 Mbps Monitor Core		Each	N/A	\$230.00
Palo Alto 1000 Mbps Monitor Core		Each	N/A	\$340.00
Palo Alto 2000 Mbps Monitor Core		Each	N/A	\$750.00
Palo Alto 20 Mbps Monitor Complete		Each	N/A	\$180.00
Palo Alto 50 Mbps Monitor Complete		Each	N⁄A	\$190.00
Palo Alto 100 Mbps Monitor Complete		Each	N⁄A	\$280.00
Palo Alto 1000 Mbps Monitor Complete		Each	N⁄A	\$450.00
Palo Alto 2000 Mbps Monitor Complete		Each	N/A	\$1,075.00
Palo Alto 20 Mbps Managed Essential		Each	N⁄A	\$195.00
Palo Alto 50 Mbps Managed Essential		Each	N⁄A	\$205.00
Palo Alto 100 Mbps Managed Essential		Each	N⁄A	\$265.00
Palo Alto 1000 Mbps Managed Essential		Each	N/A	\$360.00
Palo Alto 2000 Mbps Managed Essential		Each	N⁄A	\$710.00
Palo Alto 20 Mbps Managed Core		Each	N⁄A	\$310.00
Palo Alto 50 Mbps Managed Core		Each	N⁄A	\$320.00
Palo Alto 100 Mbps Managed Core		Each	N⁄A	\$385.00
Palo Alto 1000 Mbps Managed Core		Each	N⁄A	\$495.00
Palo Alto 2000 Mbps Managed Core		Each	N⁄A	\$900.00
Palo Alto 20 Mbps Managed Complete		Each	N/A	\$440.00
Palo Alto 50 Mbps Managed Complete		Each	N/A	\$450.00
Palo Alto 100 Mbps Managed Complete		Each	N/A	\$540.00
Palo Alto 1000 Mbps Managed Complete		Each	N/A	\$710.00
Palo Alto 2000 Mbps Managed Complete		Each	N/A	\$1,315.00

Feature Name	Description	Unit of Measure	Non-Recurring Charge	Monthly Recurring Charge
Check Point Security Essential, Core and Complete Service Level	s are available to include the follow ing Features:			
Essential: Networking - Firewall, VPN, Mobile Access,	Routing, and DDoS.			
Core: Include all Essential plus Networking IPS, Id	entity Awareness, Application Control, URL Filtering,	Anti-Bot, and Anti Virus		
Complete:	king Treat Emulation, Threat Extraction, Anti-Spam, a			
Check Point 10 Mbps Monitor/MSS Essential		Each	N/A	\$180.00
Check Point 20 Mbps Monitor/MSS Essential		Each	N⁄A	\$180.00
Check Point 50 Mbps Monitor/MSS Essential		Each	N/A	\$210.00
Check Point 100 Mbps Monitor/MSS Essential		Each	N/A	\$250.00
Check Point 1000 Mbps Monitor/MSS Essential		Each	N/A	\$1,200.00
Check Point 2000 Mbps Monitor/MSS Essential		Each	N/A	\$2,100.00
Check Point 10 Mbps Monitor/MSS Core		Each	N⁄A	\$180.00
Check Point 20 Mbps Monitor/MSS Core		Each	N/A	\$210.00
Check Point 50 Mbps Monitor/MSS Core		Each	N/A	\$250.00
Check Point 100 Mbps Monitor/MSS Core Check Point 1000 Mbps Monitor/MSS		Each	N/A	\$310.00
Core		Each	N/A	\$1,700.00
Check Point 2000 Mbps Monitor/MSS Core		Each	N/A	\$2,950.00
Check Point 10 Mbps Monitor/MSS Complete		Each	N/A	\$250.00
Check Point 20 Mbps Monitor/MSS Complete		Each	N/A	\$310.00

Feature Name	Description	Unit of Measure	Non-Recurring Charge	Monthly Recurring Charge
Check Point 50 Mbps Monitor/MSS Complete		Each	N⁄A	\$395.00
Check Point 100 Mbps Monitor/MSS Complete		Each	N/A	\$520.00
Check Point 1000 Mbps Monitor/MSS Mgmt Complete		Each	N/A	\$6,480.00
Check Point 2000 Mbps Monitor/MSS Mgmt Complete		Each	N/A	\$6,100.00
Check Point 10 Mops Managed Essential		Each	N/A	\$335.00
Check Point 20 Mbps Managed Essential		Each	N/A	\$230.00
Check Point 50 Mbps Managed Essential		Each	N/A	\$260.00
Check Point 100 Mbps Managed Essential		Each	N/A	\$300.00
Check Point 1000 Mbps Managed Essential		Each	N/A	\$1,240.00
Check Point 2000 Mbps Managed Essential		Each	N/A	\$2,100.00
Check Point 10 Mbps Managed Core		Each	N/A	\$335.00
Check Point 20 Mbps Managed Core		Each	N/A	\$365.00
Check Point 50 Mbps Managed Core		Each	N/A	\$405.00
Check Point 100 Mbps Managed Core		Each	N/A	\$465.00
Check Point1000 Mbps Managed Core		Each	N/A	\$1,800.00
Check Point 2000 Mbps Managed Core		Each	N/A	\$3,000.00
Check Point 10 Mbps Managed Complete		Each	N/A	\$510.00
Check Point 20 Mbps Managed Complete		Each	N/A	\$575.00
Check Point 50 Mbps Managed Complete		Each	N/A	\$660.00
Check Point 100 Mbps Managed Complete		Each	N/A	\$785.00

Feature Name	Description	Unit of Measure	Non-Recurring Charge	Monthly Recurring Charge
Check Point 1000 Mbps Managed Complete		Each	N/A	\$6,730.00
Check Point 2000 Mbps Managed Complete		Each	N/A	\$6,350.00
Juniper Security Essential, Core and Complete Service Level Essential: Networking - VPN, Routing, and Firewall. Core: Include all Essential plus Networking IPS, App	Is are available to include the following Feature	es:	·	
Complete:	Antivirus, Web filtering, Content filtering, Antispam	and User FW.		
Juniper 20 Mbps Monitor/MSS Essential		Each	N/A	\$120.00
Juniper 50 Mbps Monitor/MSS Essential		Each	N/A	\$130.00
Juniper 100 Mbps Monitor/MSS Essential		Each	N/A	\$145.00
Juniper 1000 Mbps Monitor/MSS Essential		Each	N/A	\$230.00
Juniper 2000 Mbps Monitor/MSS Essential		Each	N/A	\$300.00
Juniper 20 Mbps Monitor/MSS Core		Each	N/A	\$140.00
Juniper 50 Mbps Monitor/MSS Core		Each	N/A	\$165.00
Juniper 100 Mbps Monitor/MSS Core		Each	N/A	\$185.00
Juniper 1000 Mbps Monitor/MSS Core		Each	N/A	\$305.00
Juniper 2000 Mbps Monitor/MSS Core		Each	N/A	\$420.00
Juniper 20 Mbps Monitor/MSS Complete		Each	N/A	\$150.00
Juniper 50 Mbps Monitor/MSS Complete		Each	N/A	\$180.00
Juniper 100 Mbps Monitor/MSS Complete		Each	N/A	\$205.00

Feature Name	Description	Unit of Measure	Non-Recurring Charge	Monthly Recurring Charge
Juniper 1000 Mbps Monitor/MSS Mgmt Complete		Each	N⁄A	\$350.00
Juniper 2000 Mbps Monitor/MSS Mgmt Complete		Each	N/A	\$495.00
Juniper 20 Mbps Managed Essential		Each	N/A	\$175.00
Juniper 50 Mbps Managed Essential		Each	N/A	\$185.00
Juniper 100 Mbps Managed Essential		Each	N/A	\$200.00
Juniper 1000 Mbps Managed Essential		Each	N/A	\$280.00
Juniper 2000 Mbps Managed Essential		Each	N/A	\$350.00
Juniper 20 Mbps Managed Core		Each	N/A	\$295.00
Juniper 50 Mbps Managed Core		Each	N/A	\$320.00
Juniper 100 Mbps Managed Core		Each	N/A	\$345.00
Juniper1000 Mbps Managed Core		Each	N/A	\$455.00
Juniper 2000 Mbps Managed Core		Each	N/A	\$570.00
Juniper 20 Mbps Managed Complete		Each	N/A	\$400.00
Juniper 50 Mbps Managed Complete		Each	N/A	\$435.00
Juniper 100 Mbps Managed Complete		Each	N/A	\$460.00
Juniper 1000 Mbps Managed Complete		Each	N/A	\$605.00
Juniper 2000 Mbps Managed Complete		Each	N/A	\$750.00

Feature Name	Description	Unit of Measure	Non-Recurring Charge	Monthly Recurring Charge
WAN-Optimization Network Functions Vir	tualization (NFV) - Size / Mgmt Level/Service Le	vel	1	
Riverbed Steelhead available for Monitor	and Managed Service.			
application types, volumes and performance application identification. Quality of Service (Single Ended Proxy Internet Accelerator. See	nto the platform usage trends and capacity forecasti metrics to Visibility tools. Path Selection (e.g. for mo QoS) - QoS (application classification) using DPI and cure Transport - GRE/Secure Transport for network loction (SDR) / Data Streamlining - De-duplication and	oving apps across links) I host labels for applicat layer security. Deep Pac	- using DPI and host ion identification. Web ket Inspection (DPI) -	tables for Proxy services - Application
Exchange Optimization - Optimization of Exc Optimization (HTTPS) and certificate manage Notes Optimization - Optimization of Lotus N Accelerated connections to cloud services (e	ansport Streamlining - Avoids TCP slow start and rep hange2003/7/10 & 2013 including Encrypted MAPI a ement. Domain Join - Active Directory domain join. F lotes (unencrypted). HTTP(S) Optimization - HTTP a e.g. laaS and SaaS apps such as O365).	and Outlook Anywhere. The Transfer Optimization	Secure Application Op - Optimization of sig	itimization - SSL ned SMB. Lotus
Riverbed Steelhead Max Connections 650 Monitor Core		Each	N∕A	\$230.00
Riverbed Steelhead Max Connections 2,300 Monitor Core		Each	N/A	\$500.00
Riverbed Steelhead Max Connections 6,000 Monitor Core		Each	N∕A	\$1,150.00
Riverbed Steelhead Max Connections 14,000 Monitor Core		Each	N⁄A	\$1,970.00
Riverbed Steelhead Max Connections 100,000 Monitor Core		Each	N/A	\$6,750.00
Riverbed Steelhead Max Connections 650 Monitor Complete		Each	N⁄A	\$315.00
Riverbed Steelhead Max Connections 2,300 Monitor Complete		Each	N/A	\$760.00
Riverbed Steelhead Max Connections 6,000 Monitor Complete		Each	N⁄A	\$1,840.00
Riverbed Steelhead Max Connections 14,000 Monitor Complete		Each	N∕A	\$3,215.00
Riverbed Steelhead Max Connections 100,000 Monitor Complete		Each	N/A	\$11,250.00

Feature Name	Description	Unit of Measure	Non-Recurring Charge	Monthly Recurring Charge
Riverbed Steelhead Max Connections 650 Managed Core		Each	N/A	\$255.00
Riverbed Steelhead Max Connections 2,300 Managed Core		Each	N/A	\$525.00
Riverbed Steelhead Max Connections 6,000 Managed Core		Each	N/A	\$1,180.00
Riverbed Steelhead Max Connections 14,000 Managed Core		Each	N/A	\$2,000.00
Riverbed Steelhead Max Connections 100,000 Managed Core		Each	N⁄A	\$6,800.00
Riverbed Steelhead Max Connections 650 Managed Complete		Each	N⁄A	\$345.00
Riverbed Steelhead Max Connections 2,300 Managed Complete		Each	N/A	\$795.00
Riverbed Steelhead Max Connections 6,000 Managed Complete		Each	N⁄A	\$1,875.00
Riverbed Steelhead Max Connections 14,000 Managed Complete		Each	N/A	\$3,250.00
Riverbed Steelhead Max Connections 100,000 Managed Complete		Each	N/A	\$11,300.00
Hosted Network Services (HNS) to include Hardw				
HNS Router Network Functions Virtualization (NI HNS Cisco CSR	-v) - Size / Mgmt Levei / Service Leve	ei to include Hardware & Ba	nawiatn	
HNS Cisco CSR 100 Mbps Managed Essential		Each	N/A	\$4,307.00
HNS Cisco CSR 1000 Mbps Managed Essential		Each	N/A	\$7,937.00
HNS Cisco CSR 10Gbps Mbps Managed Essential		Each	N⁄A	\$15,227.00
HNS Cisco CSR 100 Mbps Managed Core		Each	N⁄A	\$4,477.00
HNS Cisco CSR 1000 Mbps Managed Core		Each	N/A	\$8,092.00
HNS Cisco CSR 10Gbps Mbps Managed Core		Each	N⁄A	\$15,577.00

Feature Name	Description	Unit of Measure	Non-Recurring Charge	Monthly Recurring Charge
HNS Cisco CSR 100 Mbps Managed Complete		Each	N/A	\$4,567.00
HNS Cisco CSR 1000 Mbps Managed Complete		Each	N/A	\$8,232.00
HNS Cisco CSR 10Gbps Mbps Managed Complete		Each	N/A	\$15,986.00
HNS Juniper vSRX				
HNS Juniper vSRX 100 Mbps Managed Core		Each	N/A	\$707.00
HNS Juniper vSRX 1000 Mbps Managed Core		Each	N/A	\$3,302.00
HNS Juniper vSRX 10 Gbps Managed Core		Each	N/A	\$6,436.00
HNS Software Define (SD) - WAN Network Funct	ions Virtualization (NFV) - Size / Mg	mt Level / Service Level to in	clude Bandwidth	
HNS Viptela vEdge				
HNS Viptela vEdge 100 Mbps Managed Essential		Each	N⁄A	\$733.00
HNS Viptela vEdge 100 Mbps Managed Essential with AWS		Each	N⁄A	\$1,079.00
HNS Viptela vEdge 1000 Mbps Managed Essential		Each	N/A	\$3,512.00
HNS Viptela vEdge 1000 Mbps Managed Essential with AWS		Each	N/A	\$6,857.00
HNS Viptela vEdge 100 Mbps Managed Core		Each	N/A	\$970.00
HNS Viptela vEdge 100 Mbps Managed Core with AWS		Each	N/A	\$1,339.00
HNS Viptela vEdge 1000 Mbps Managed Core		Each	N/A	\$3,594.00
HNS Viptela vEdge 1000 Mbps Managed Core with AWS		Each	N/A	\$6,947.00
HNS Viptela vEdge 10 Gbps Managed Core		Each	N/A	\$6,497.00
HNS Viptela vEdge 10 Gbps Managed Core with AWS		Each	N⁄A	\$13,135.00

Feature Name	Description	Unit of Measure	Non-Recurring Charge	Monthly Recurring Charge
HNS Viptela vEdge 100 Mbps Managed Complete		Each	N/A	\$1,226.00
HNS Viptela vEdge 100 Mbps Managed Complete with AWS		Each	N/A	\$1,621.00
HNS Viptela vEdge 1000 Mbps Managed Complete		Each	N/A	\$3,881.00
HNS Viptela vEdge 1000 Mbps Managed Complete with AWS		Each	N/A	\$7,690.00
HNS Viptela vEdge 10 Gbps Managed Complete		Each	N/A	\$6,811.00
HNS Viptela vEdge 10 Gbps Managed Complete with AWS		Each	N/A	\$14,228.00
HNS Firewall Network Functions Virtualization (NFV) - Size / Mgmt Level / Service Lev	el to include Bandwidth		
HNS Fortinet Fortigate				
HNS Fortinet Fortigate 100 Mbps Monitor/MSS Essential		Each	N/A	\$730.00
HNS Fortinet Fortigate 1000 Mbps Monitor/MSS Essential		Each	N/A	\$3,280.00
HNS Fortinet Fortigate 10 Gbps Monitor/MSS Essential		Each	N/A	\$6,436.00
HNS Fortinet Fortigate 100 Mbps Monitor/MSS Core		Each	N/A	\$745.00
HNS Fortinet Fortigate 1000 Mbps Monitor/MSS Core		Each	N/A	\$3,420.00
HNS Fortinet Fortigate 10 Gbps Monitor/MSS Core		Each	N/A	\$6,786.00
HNS Fortinet Fortigate 100 Mbps Monitor/MSS Complete		Each	N/A	\$825.00
HNS Fortinet Fortigate 1000 Mbps Monitor/MSS Complete		Each	N/A	\$4,330.00
HNS Fortinet Fortigate 10 Gbps Monitor/MSS Complete		Each	N/A	\$7,461.00
HNS Fortinet Fortigate 100 Mbps Managed Essential		Each	N⁄A	\$1,120.00

Feature Name	Description	Unit of Measure	Non-Recurring Charge	Monthly Recurring Charge
HNS Fortinet Fortigate 1000 Mbps Managed Essential		Each	N/A	\$3,730.00
HNS Fortinet Fortigate 10 Gbps Managed Essential		Each	N/A	\$6,866.00
HNS Fortinet Fortigate 100 Mbps Managed Core		Each	N⁄A	\$1,560.00
HNS Fortinet Fortigate 1000 Mbps Managed Core		Each	N/A	\$4,205.00
HNS Fortinet Fortigate 10 Gbps Managed Core		Each	N⁄A	\$7,381.00
HNS Fortinet Fortigate 100 Mbps Managed Complete		Each	N/A	\$2,500.00
HNS Fortinet Fortigate 1000 Mbps Managed Complete		Each	N/A	\$5,595.00
HNS Fortinet Fortigate 10 Gbps Managed Complete		Each	N⁄A	\$8,956.00
HNS Palo Alto				
HNS Palo Alto 100 Mbps Monitor/MSS Essential		Each	N/A	\$1,056.00
HNS Palo Alto 1000 Mbps Monitor/MSS Essential		Each	N/A	\$3,671.00
HNS Palo Alto 10 Gbps Monitor/MSS Essential		Each	N/A	\$6,836.00
HNS Palo Alto 100 Mbps Monitor/MSS Core		Each	N/A	\$1,071.00
HNS Palo Alto 1000 Mbps Monitor/MSS Core		Each	N/A	\$3,701.00
HNS Palo Alto 10 Gbps Monitor/MSS Core		Each	N⁄A	\$6,911.00
HNS Palo Alto 100 Mbps Monitor/MSS Complete		Each	N/A	\$1,121.00
HNS Palo Alto 1000 Mbps Monitor/MSS Complete		Each	N/A	\$3,811.00
HNS Palo Alto 10 Gbps Monitor/MSS Complete		Each	N⁄A	\$7,236.00

Feature Name	Description	Unit of Measure	Non-Recurring Charge	Monthly Recurring Charge
HNS Palo Alto 100 Mbps Managed Essential		Each	N/A	\$1,541.00
HNS Palo Alto 1000 Mbps Managed Essential		Each	N/A	\$4,076.00
HNS Palo Alto 10 Gbps Managed Essential		Each	N⁄A	\$6,871.00
HNS Palo Alto 100 Mbps Managed Core		Each	N/A	\$1,961.00
HNS Palo Alto 1000 Mbps Managed Core		Each	N∕A	\$4,496.00
HNS Palo Alto 10 Gbps Managed Core		Each	N/A	\$7,061.00
HNS Palo Alto 100 Mbps Managed Complete		Each	N/A	\$2,226.00
HNS Palo Alto 1000 Mbps Managed Complete		Each	N/A	\$4,891.00
HNS Palo Alto 10 Gbps Managed Complete		Each	N/A	\$7,476.00
HNS Check Point Security				
HNS Check Point 100 Mbps Monitor/MSS Mgmt Essential		Each	N/A	\$810.00
HNS Check Point 1000 Mbps Monitor/MSS Essential		Each	N/A	\$4,280.00
HNS Check Point 2000 Mbps Monitor/MSS Essential		Each	N/A	\$8,261.00
HNS Check Point 100 Mbps Monitor/MSS Core		Each	N⁄A	\$870.00
HNS Check Point1000 Mbps Monitor/MSS Core		Each	N/A	\$4,780.00
HNS Check Point 2000 Mbps Monitor/MSS Core		Each	N⁄A	\$9,111.00
HNS Check Point 100 Mbps Monitor/MSS Complete		Each	N/A	\$810.00
HNS Check Point 1000 Mbps Monitor/MSS Complete		Each	N⁄A	\$4,280.00
HNS Check Point 2000 Mbps Monitor/MSS Complete		Each	N⁄A	\$8,261.00

Feature Name	Description	Unit of Measure	Non-Recurring Charge	Monthly Recurring Charge
HNS Check Point 100 Mbps Managed Essential		Each	N/A	\$860.00
HNS Check Point 1000 Mbps Managed Essential		Each	N/A	\$4,320.00
HNS Check Point 2000 Mbps Managed Essential		Each	N⁄A	\$8,261.00
HNS Check Point 100 Mbps Managed Core		Each	N/A	\$1,025.00
HNS Check Point1000 Mbps Managed Core		Each	N/A	\$4,880.00
HNS Check Point 2000 Mbps Managed Core		Each	N/A	\$9,161.00
HNS Check Point 100 Mbps Managed Complete		Each	N/A	\$860.00
HNS Check Point 1000 Mbps Managed Complete		Each	N/A	\$4,320.00
HNS Check Point 2000 Mbps Managed Complete		Each	N/A	\$8,261.00
HNS Juniper Security				
HNS Juniper 100 Mbps Monitor/MSS Mgmt Essential		Each	N/A	\$705.00
HNS Juniper 1000 Mbps Monitor/MSS Essential		Each	N/A	\$3,310.00
HNS Juniper 2000 Mbps Monitor/MSS Essential		Each	N/A	\$6,461.00
HNS Juniper 100 Mbps Monitor/MSS Core		Each	N/A	\$745.00
HNS Juniper 1000 Mbps Monitor/MSS Core		Each	N⁄A	\$3,385.00
HNS Juniper 2000 Mbps Monitor/MSS Core		Each	N/A	\$7,236.00
HNS Juniper 100 Mbps Monitor/MSS Complete		Each	N⁄A	\$1,121.00
HNS Juniper 1000 Mbps Monitor/MSS Complete		Each	N/A	\$3,811.00

Feature Name	Description	Unit of Measure	Non-Recurring Charge	Monthly Recurring Charge
HNS Juniper 2000 Mbps Monitor/MSS Complete		Each	N/A	\$7,236.00
HNS Juniper 100 Mbps Managed Essential		Each	N⁄A	\$1,025.00
HNS Juniper 1000 Mbps Managed Essential		Each	N/A	\$3,625.00
HNS Juniper 2000 Mbps Managed Essential		Each	N⁄A	\$6,861.00
HNS Juniper 100 Mbps Managed Core		Each	N/A	\$1,400.00
HNS Juniper 1000 Mbps Managed Core		Each	N/A	\$4,000.00
HNS Juniper 2000 Mbps Managed Core		Each	N/A	\$7,236.00
HNS Juniper 100 Mbps Managed Complete		Each	N/A	\$2,226.00
HNS Juniper 1000 Mbps Managed Complete		Each	N⁄A	\$4,891.00
HNS Juniper 2000 Mbps Managed Complete		Each	N/A	\$7,476.00
HNS WAN-Optimization Network Functions Virte	ualization (NFV) - Size / Mgmt Level /	Service Level to include Ba	ndwidth	
HNS Riverbed Steelhead				
HNS Riverbed Steelhead Max Connections 6,000 Managed Core		Each	N⁄A	\$2,255.00
HNS Riverbed Steelhead Max Connections 14,000 Managed Core		Each	N/A	\$10,093.00
HNS Riverbed Steelhead Max Connections 100,000 Managed Core		Each	N/A	\$23,439.00
HNS Riverbed Steelhead Max Connections 6,000 Managed Complete		Each	N/A	\$2,950.00
HNS Riverbed Steelhead Max Connections 14,000 Managed Complete		Each	N/A	\$11,343.00
HNS Riverbed Steelhead Max Connections 100,000 Managed Complete		Each	N⁄A	\$27,939.00

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Feature Name	Description	Unit of Measure	Non-Recurring Charge	Monthly Recurring Charge
HNS Session Border Controller (SBC)				
Essential, Core and Complete Service Level	s are available to include the following Features:			
DM/PM Criteria Calling/Called numbers only codecs. Media Services support - NAT/NAPT. Signaling Back to Back User Agent (B2BUA)	r routes of 2,000, Standard Routing on Called Number, Route Prioritization Sequence, Proportion, All Propo	rtion, Round Robin and	Call Processing Inter	w ork betw een 4
Signaling supports SIP protocol normalization	o 10% of total traffic and DTMF Trigger Detection and			
Time Range - User Name Routing: Route or Sequence, Proportion, All Proportion, Round PEER, Interw ork betw een 12 codecs. Signaling supports Far-end camera control (Number of Trunks supports up to 12 Trunk (Routing: Route on Called Number, Domain Call Para o User Name, Domain, Call Parameter Filter Profile, C d Robin, Overflow routing, ToD, DoW, Special Days - (FECC).	Call Type, Digit Type, Tir	ne Range - Route Prie	oritization:
HNS SBC Sonus Small Managed Essential		Each	N/A	\$480.00
HNS SBC Sonus Medium Managed Essential		Each	N/A	\$685.00
HNS SBC Sonus Small Managed Core		Each	N/A	\$495.00
HNS SBC Sonus Medium Managed Core		Each	N/A	\$695.00
HNS SBC Sonus Small Managed Complete		Each	N⁄A	\$505.00
HNS SBC Sonus Medium Managed Complete		Each	N/A	\$710.00

Feature Name	Description	Unit of Measure	Non-Recurring Charge	Monthly Recurring Charge
HNS SBC Sonus License Small Managed Essential		Each	N/A	\$2.54
HNS SBC Sonus License Medium Managed Essential		Each	N/A	\$2.16
HNS SBC Sonus License Small Managed Core		Each	N/A	\$3.32
HNS SBC Sonus License Medium Managed Core		Each	N/A	\$2.62
HNS SBC Sonus License Small Managed Complete		Each	N/A	\$4.14
HNS SBC Sonus License Medium Managed Complete		Each	N/A	\$3.52