

SD-WAN VIRTUAL INSTANCE

The industry's most scalable and flexible SD-WAN virtual instance

Ecessa's virtual offering is a full featured SD-WAN solution for your virtualized environment; providing a multi-tenant, scalable, cost-effective platform for headquarters, data center or Co-Lo instances. Seamlessly integrate all the benefits of Ecessa's WANworXTM solutions, including NeverDownTM SD-WAN that provides intelligence and control of all WAN connection types, from any provider, in the most challenging network configurations. Combined with Ecessa InsightTM, this complete solution allows customer networks to automatically see, act and report on all network connection issues.

Compatible with VMware ESXi and KVM hypervisors, Ecessa's virtual solution offers customers unprecedented performance on their existing industry standard x86 server platforms. Superior architecture and design makes the Ecessa virtual product perfectly tailored for maximum throughput performance in a lightweight, efficient, compact offering.

The Ecessa difference

Ecessa's virtual product seamlessly integrates into your virtualized infrastructure, offering the benefits of SD-WAN for your network. This innovative solution provides many benefits over the competition by being:

- Multi-tenant – manage multiple networks with independent IP addressing
- Scalable – support multiple instances within one x86 server; add and remove as needed
- Lightweight – smallest software footprint and easiest hardware requirements
- High performance – industry leading encrypted throughput over any interface

Virtual Product Performance Matrix

Processor	RAM (Gbytes)	Speed (GHz)	# of Cores	Minimum Bi-Directional Throughput (Mbps) TCP/IP w/ 1 Gbps NIC			
				WAN-WAN	WAN Virt	VPN	Encrypted WAN Virt
Intel Core i5, i7, Xeon	4	2	4	980	360	280	225
			2	872	320	249	200
			1	776	285	222	178
		2.4	4	1150	420	325	250
			2	1024	374	289	223
			1	911	333	257	198
		2.8	4	1200	475	380	275
			2	1068	423	338	245
			1	951	376	301	218
		3.1	4	1500	1000	350	550
			2	1355	890	579	490
			1	1188	792	515	436

Minimum expected throughput performance for each instance of the virtual product