



Accelerate Networks for the Digital Economy

Transform your Network for Scale, Speed,
Simplicity & Security

**Your Enterprise is racing
to go Digital.
Don't let your WAN slow you down.**

Digital transformation is all around your enterprise.
More applications, more cloud services.
Everyone wants IT to be as agile as possible.
But our networks have not changed in years.

The Vision

Lavelle Networks believes in delivering the best enterprise network experience for every user, on every device, for any application, on any cloud. We believe that by doing this we will enable every customer to take their business to every location on the planet they wish to, because we will be there to ensure their networks can scale, are always accelerated, secure, simplified and always ON.

Our ScaleAOn® solution is the most comprehensive portfolio for transforming your enterprise network. Are you racing to the cloud only to find that your network is slow, complex or alarmingly insecure? Are your branches only a source of constant network budget increases? Are you frustrated that every year the only network discussion is a renewal of your bandwidth contracts, and not a better network? Maybe you are unhappy that your SD-WAN conversations with your current network vendors are only about license upgrades, and never about the great network experience SD-WAN promises?

Try ScaleAOn®

See why some of the world's largest retailers, e-commerce logistics, banking, insurance and public services are not looking back once they deploy ScaleAOn SD-WAN.

The one thing all our customers agree is that their Digital Transformation journeys are racing forward once they decide that the Lavelle Networks ScaleAOn® SD-WAN is their trusted enterprise network platform.

Why the name ScaleAOn[®] ?

Networking at Scale, Always ON

It's not just a name, it symbolizes what we try and achieve with every line of software code, every circuit on the hardware, and every call that comes to our support center. Make your network scale at will, and keep it always, always running. It is no wonder that one of the world's largest e-commerce companies runs nation wide flash sales, involving billions of transactions on our SD-WAN platform, with the backend support of our Customer Experience Team. That's how well this architecture works.



Let them **scale** their business without worrying about the network



Make the network work like electricity, flip a switch, it's **Always On** until you flip it off



Turn on our products, they are going to keep the network **Always On**.

MPLS Bottlenecks

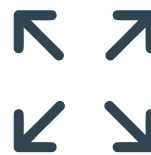
Lack of encryption is a security concern



WAN does not recognize your SaaS applications like Office365 etc.



Branch expansion is complicated, time consuming and expensive



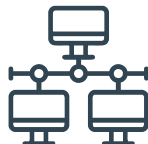
WAN is a large source of Cloud policy breaches



All apps have to be in Private Data Center



Topology is Hub and Spoke connecting only physical locations, not virtual



WAN costs are not in line with other costs on the cloud



Stuck with Low Bandwidth in the age of 5G!!!



Lavelle Networks SD-WAN Solution Suite



CloudPort Edge



WAN/Edge appliance available in physical form factor or as an "any cloud provider ready" virtual appliance. It allows you to use multiple forms of network links (4G to Fiber to V.35 serial) to connect your users to your applications. It inter-operates with your existing branch or edge routers or firewalls to help a smooth transformation to SD-WAN. A 100% zero touch provisioning algorithm, an authenticated on-site web interface, and a mature LAN/WiFi feature set ensures that the only network devices in your branch are the CloudPort.



CloudPort Gateway

All SD-WAN edge locations need to be aggregated and connected in an interoperable manner to your data center or cloud networks. Our Gateway appliances help you do just that with their powerful hardware and software capabilities to handle thousands of VPN tunnels, large BGP or OSPF network aggregation and peering, advanced high availability architectures, all of this to ensure that your SD-WAN edge / branches have the best network connection to your applications.





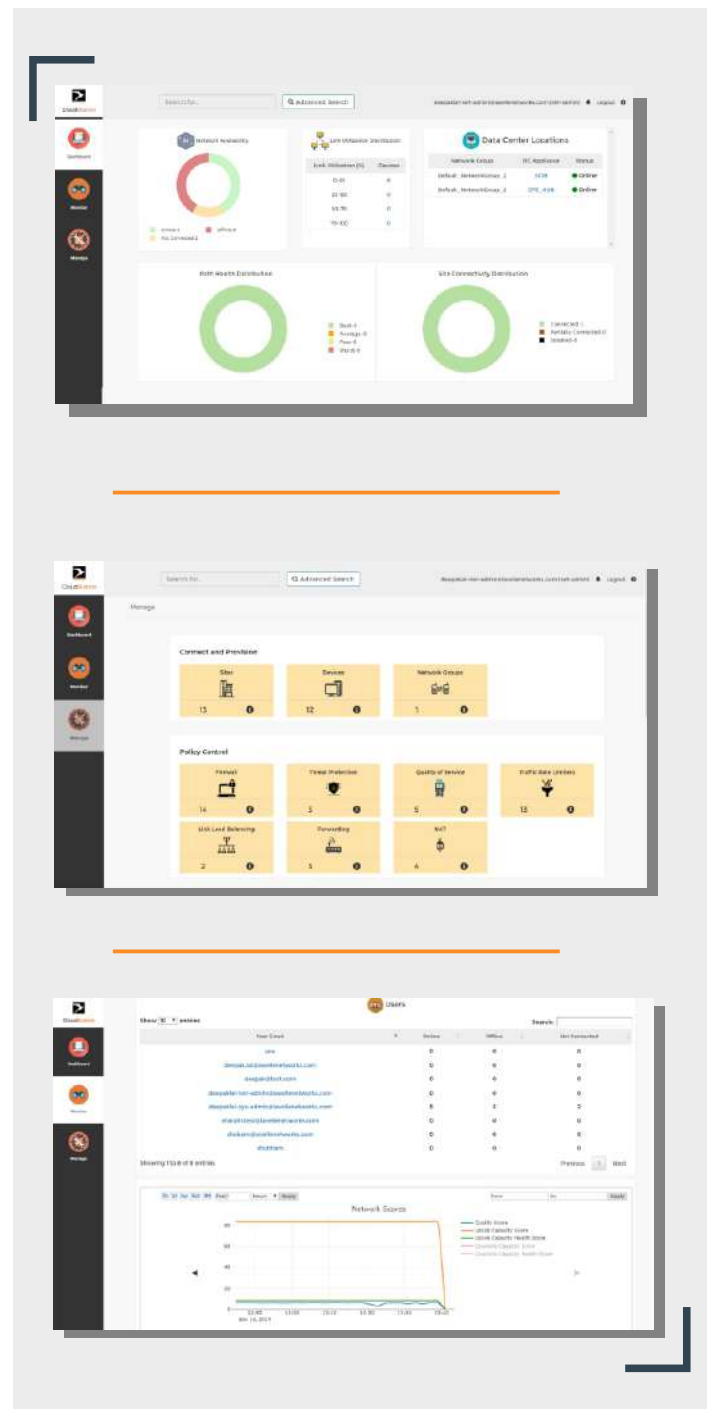
CloudStation Controller

CloudStation NETWORK CONTROLLER appliance suite of physical, virtual and cloud instances which provide the wonderful magic of next generation SDN architecture, intent driven policies, modern dashboards, network segmentation tools.



CloudStation Insights

CloudStation Network Analytics appliance suite of physical, virtual and cloud instances which power the advanced network flow analysis that fuels our industry leading dynamic path selection, automated performance characterization using Network Scores, split second visualization of Top Network usage by user, flows or applications.



ScaleAOn® SD-WAN Features



Ease of Deployment

Zero touch provisioning, zero peering architecture, Private IP at branch, with multi-NAT traversal. Plug and Play deployment at spoke locations, no peering protocols on WAN



Path Selection

Network parameters for path selection include - latency, jitter, PLR, network capacity WAN policies to override or customise link selection. Flow based load balancing.



Cloud Connect

Public/Private Cloud connectivity. Virtual instance looks like extended physical branch. All business policies are applicable to virtual branch in same fashion



Enterprise Data security

Encryption - AES128 AES256, SHA256 Authentication - SHA 384, SHA 512 Mode -CBC, Counter, GCM



Routing

BGP, OSPF, Static Routes, NAT,VLAN Tagging*, Port Forwarding* Ipv6, DSCP marking



Link bonding to upstream and downstream data centre switches



Multi point internet breakout

*Download datasheet for a complete list of ScaleAOn SD-WAN features.



Internet Filtering - White List, Black List

Millions of Internet URLs are stored for real time search and recognition of web site access, using extensive categorisation from travel to news.



Stateful Firewall

Tracking every internet session using inbound and outbound network address parameters to keep unsolicited attack or threat traffic out of your network.



Intrusion Prevention and Detection

Flexible signature packaging, and using accelerated software pattern matching to detect the entire family of Internet threats which disguise themselves in normal data streams.



Application Blocking, White Listing

Our extensible “Go” language based deep packet inspection engine can perform all access control functions at the application level, especially for the top hundreds of enterprise SaaS applications.



SIEM Interoperability

All the events derived from our edge network platform, are streamed in an interoperable manner with leading SIEM platforms.



Policy Based Internet Access Control

All the Intent driven policy framework is used to determine the access levels needed for an Internet facing or SaaS application.



Accelerate Networks for the Digital Economy

Top Global enterprise brands are using Lavelle Networks SD-WAN platform for upgrading their infrastructure to next generation WAN and hybrid WAN Solutions.



ATM Networks
of top Banks



Top Public Sector
Mutual Fund Brands



Premier Co-operative
Banks



Largest NBFCs



Top Insurance
Companies



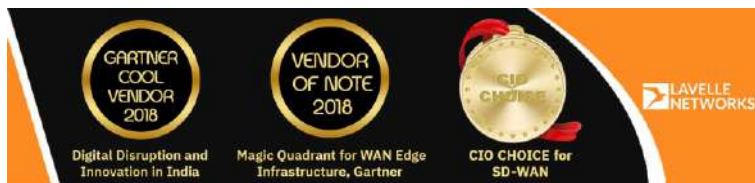
Largest e-commerce
Networks

Speak to our experts

Web: www.lavellenetworks.com/contact/

Email: sales@lavellenetworks.com

"As SD-WAN disrupts traditional networking vendors, Lavelle Networks has made a mark in India, picking up large customers in retail and insurance" - **Gartner**



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ScaleAOn® - Networks at Scale, Always ON

We deliver the best enterprise network experience

