

Managed Viptela SD-WAN *Yes*



Supercharge your network with Optus Viptela SD-WAN

Highlights

Getting your deployment right

- We understand your need to develop and implement a detailed design tailored to your requirements
- Scalability is the key to your WAN edge and, with Viptela, we help to keep your business scalable

Let the experts manage your SD-WAN

- We monitor your network, manage and resolve your incidents
- Highly experienced and certified engineering personnel minimise business interruptions
- We take care of your adds, moves and changes

Supercharge your network with SD-WAN

- Dynamic path selection that adapts to your business needs
- Be cloud-first ready with SaaS direct to the internet
- Trust your network to be backed by Optus and Cisco

Redefine Experiences at the Edge

In today's agile world, connectivity is key to ensuring your business velocity and continuity, connecting your employees to the latest and greatest applications available on the cloud. SD-WAN also enhances visibility into your network and allows for dynamic policies that get greater performance out of your existing carriage infrastructure.

However, it's not as easy as it sounds. There are complicated design templates and best practices needed to create a solution that is truly scalable. Getting it right can be tricky, particularly in today's climate, where trusted and experienced IT resources are hard to come by.

Optus Viptela SD-WAN is designed specifically for customers like you – people who want to realise the benefits of SD-WAN, without the risks, overhead and headache that may come from embarking on a massive transformational journey alone.

How do we do it? Our solution is designed by our skilled engineering staff who implement your solution before handing it over to our technical assistance centre, who then monitor the solution with our carrier-grade monitoring and correlation tools, all aligned with ITIL process so we can provide great service without cutting corners.

Explore the benefits today. Talk to your account team and ask to see the benefits you could realise, be it cost efficiency, an enhanced employee experience, WAN simplification or greater security for your branch sites. Optus can make it easy for you and your business to explore SD-WAN.



Bandwidth efficiency

With more bandwidth being consumed by cloud applications across more devices, MPLS has become a costly sole method of transport. Viptela enables diverse transport combinations, MPLS, internet and even 4G/5G to be used together, dynamically directing applications onto the best transport to fully leverage your carriage investments.

Design, implementation and management – we do it

Optus has a rich history designing and managing some of Australia's largest networks and we're one of Australia's most trusted managed ICT providers. We now operate core networks for banks, enterprises, retailers, public sector organisations and all levels of government with secure operational requirements.

We assign a project manager to organise and co-ordinate the end-to-end delivery of your solution, starting with a complete understanding of your requirements. Our engineers sit with you to capture your detailed needs before creating a design in the cloud. Devices at each site download their configuration from the cloud based on the templates that our professional services team designed for you.

After we have designed and deployed your devices, we transition them into our 24x7 proactive management team, where we monitor and detect anomalies. In the event of an incident, we work swiftly to resolve the issue, keep you informed and get your network back on track.

How it works

SD-WAN is made up of a few key elements: the controllers, the edge devices and the policy.

The power comes from this distributed architecture, where the edge can be intelligently utilised by the controllers. We develop the policy based on your business requirements, and the policy is then loaded into the controllers. When a device is connected to the solution, it reaches out to the controller to gather any updates and its policy. From there, the edges enact all the routing based on the policy.

When a new site needs to be set up, a device is installed that finds the controllers, learns its policy and starts participating in the network. All this traffic is encapsulated in IPSEC tunnels, providing security and abstraction from the original transport layer. With this abstraction, we get the characteristic freedom of carriage that SD-WAN is known for, allowing the use of 4G, internet and MPLS together.

Security

With the internet being used as a legitimate business transport, and adoption of SaaS applications, branches breaking out to the internet locally drives experience. However, each new internet connection presents an additional security risk and another attack vector for malicious activity. Security is a key consideration in any business and Optus Viptela SD-WAN comes with security features such as IPS, URL filtering and malware protection, all available in the same solution. We can help you design and deploy the appropriate level of security to match your needs.