

The future of your network starts here

Yes

Simplify and streamline your network.

Key benefits

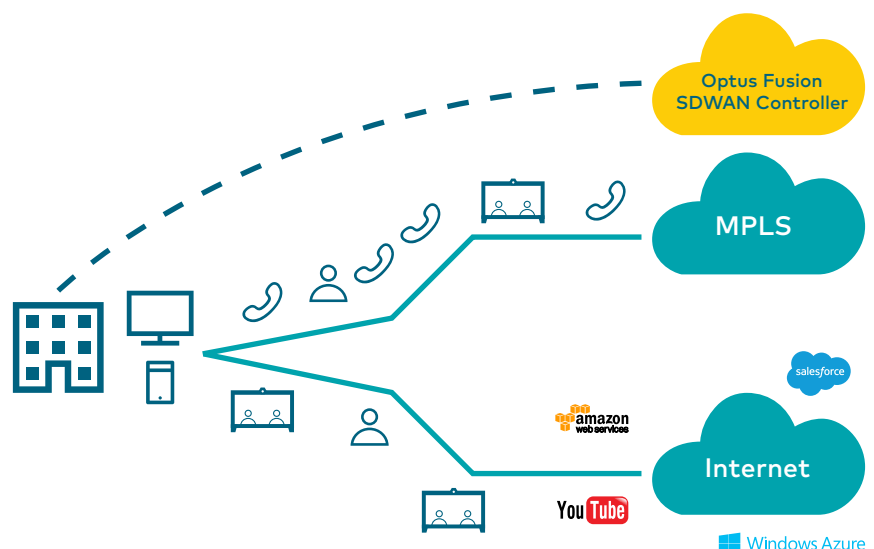
- **Agility** – Deliver the power of SD-WAN to your business. Optus Fusion SD-WAN has a centralised management portal that provides one global policy and enables automated provisioning of devices, cloud connectivity, and fast adaptation to any change you want.
- **Simplicity** – Simplify the design of hybrid networks with intuitive workflows and menu-driven design. Easily design organisations, sites, uplinks, zones, rules and shadow appliances — for example, use a single on/off button for AutoVPN, create a self-registration portal with zone-based visitor access, and edit policy rules with a simple mouse click.
- **Visibility** – See into every aspect of your network design (orgs, users apps, WiFi, appliances and devices), its actual performance versus business intent—within an easy-to-use, menu-driven management portal.

Optus Fusion SD-WAN provides a fully integrated line of secure WAN gateways that can be managed centrally through an intuitive GUI management portal. It can simplify and streamline the process of designing, deploying, and managing distributed networks, enabling your organisation to modernise its network architecture.

You have real-time control over your network enabling you to easily adapt your network dynamically. Optus Fusion SD-WAN enables you to unify disparate networks by managing bandwidth and applications between any combination of MPLS, private line, Internet and cloud networks.

Optus Fusion SD-WAN is a complete SD-WAN system for securely connecting users and business to the applications they need, wherever they reside—on a remote LAN, in a data centre, or in the cloud.

Optus Fusion SD-WAN offers several differentiators—unified connectivity across LAN, WAN and the Cloud; business aligned orchestration for fast, agile and secure application delivery; and unique cloud-centric workflow, easy menu-driven network design of sites, zones, uplinks, and rules and centralised, business intent-based policy management—all within a simple graphical user interface—for ease of use and greater business agility.



The Business Challenge

Delivery of applications is becoming more complex for the enterprise. Businesses want to deliver richer applications like video and new cloud services. Network architects are being asked to do more with less, struggling to provide more bandwidth while ensuring performance, and juggling security concerns such as URL filtering and securing VPNs.

In the past, IT had only to worry about local branch and data centre applications and, more recently, SaaS as well as IaaS clouds. Now enterprise edges — fragile and insecure — have become communication hubs, where IT must make decisions around the right transport paths to balance performance, availability, and security for applications. And this is being demanded at a pace that IT is not used to or equipped to deal with.

Users — impressed by the agility and ease of use of consumer services like email and with ample bandwidths at home or on smart phones — are now demanding that enterprise IT deliver services and changes at the same pace and quality. The result: the consumerisation of IT.

IT needs to respond — easily, fast, and cost-effectively — better managing networks, users, and apps to meet the imperative for lower expenses and costs, user productivity, and business agility. The question is how.

Design First. Deploy When Ready. Change with Ease.

Optus Fusion SD-WAN is a next-generation SD-WAN solution designed to intelligently manage your network in a cloud-centric world. Optus Fusion SD-WAN unifies network connectivity and enables orchestration of application delivery across hybrid WANs, remote LANs, and cloud networks.

With a fully integrated line of secure virtual and physical WAN gateways all managed centrally through an intuitive and graphical user interface, Optus Fusion SD-WAN simplifies the process of designing, deploying, and managing distributed networks, enabling your organisation to modernise its network architecture to realise the full potential of digital transformation.

Optus Fusion SD-WAN provides centralised network management capabilities based on a single intent and identity-based global policy; automated zero touch provisioning of devices; integrated security; and end-to-end visibility for validating business policy as well as reporting.

The solution provides a simple and intuitive, intent-based workflow and virtual, menu-driven network design of sites, zones, uplinks, and rules that allows IT to design first leveraging the concept of “shadow” appliances as placeholders for physical appliances and deploy quickly a SD-WAN or SD-LAN—remotely from the cloud-based management portal—without ever touching a physical appliance in the branch or remote site.

The solution eliminates manual CLI-based configuration of routers, creates network overlays with policy independent of the network underlay, and allows IT to automatically provision resources remotely. As a result, it decreases the time to deployment, reduces the need for IT in branches and remote locations, and increases time to market. Change management across the enterprise requires only a change to the single policy that includes traffic, security, and port policy. Thus, there is one policy for any network (MPLS or Internet) and wherever the resources (private DC or IaaS) are located or the users are working (branch or mobile).

The solution delivers core network services:

Application Intelligence: Identifies and classifies hundreds of applications automatically with high accuracy, reliability, and speed. The app database is used for policy rules, the steering of applications, and metrics-based reporting.

QoS: Prioritises the delivery of applications based on service quality and network availability. Users can set up the policy rules, app priority (QoS) and the networks to be used (path selection) within a single interface.

Path Selection: Selects the most optimal application path based on business intent-based policies, business criticality, and available bandwidth.

AWS and Microsoft Azure integration: Optus Fusion SD-WAN also enables native cloud integration, allowing customers to seamlessly connect private clouds, as well as connect those private clouds to public clouds and to on-premises environments. Optus Fusion SD-WAN provides singleclick and instant provisioning into cloud environments including Amazon Web Services (AWS) and Microsoft Azure.

The solution is built from the ground up for maximum performance and offers quick boot time, maximum throughput, and a fanless design. And you can provision from an iPhone and Android.

Key Features

Unified connectivity and management across WAN and Cloud networks

- Provides a software-defined and application-centric connectivity fabric that spans WANs and cloud infrastructure networks through a line of physical, virtual and cloud-based WAN gateways
- Leverages AutoVPN multi-mesh VPN connectivity. Ensures application delivery from WAN to LAN and works over any network underlay (MPLS, Internet)

Cloud-based management experience

- Provides an intuitive graphical user interface that supports an agile and intent-based workflow for managing networks
- Design every aspect of a distributed network before deploying any hardware

Business-aligned orchestration

- Provides policy-based orchestration using language aligned with business priorities: Applications; Users; Locations; Performance SLAs; and Security requirements
- No configuration of individual appliances. No CLI coding.

Business intent-based policy

- Provides pure central management (Optus Fusion SD-WAN Manager) of a network of thousands—with a single business intent-based policy
- Enables direct translation of business needs into technical execution based on policy
- Enables policy enforcement based on user identity—not just the IP address, for the same experience on all the user's devices
- Provides control over app performance with easy alignment of all aspects of application delivery

Universal policy automation

- Empowers IT to evolve the infrastructure without having to revisit policy
- Enables cohesive and automated change management
- Uses the same Application Groups, applications, and Web categories for the policy engine and reporting, so the reported results can directly be converted to policy rules

Zero-touch provisioning

- Reduces configuration and reconfiguration of edge device to zero with automation

Visibility

- Provides a unified view of users, devices, and groups
- Identifies what traffic is consuming bandwidth
- Enables control of traffic flow by devices, user, groups or both
- Provides network and application performance management capabilities via the central

Optus Fusion SD-WAN

Leverage the power of Optus Fusion SD-WAN solution to:

- Enable workflow and virtual design of networks based on plain-language business requirements
- Enable seamless connectivity between infrastructure on-premises and in the cloud with the same global policy engine
- Monitor the performance SLAs and security requirements for each application regardless of source or destination
- Integrate with the Riverbed Application Performance Platform for application delivery in the digital age

Optus Fusion SD-WAN components include:

- **Optus Fusion SD-WAN Manager:** A centralised and multi-tenant management portal that provides an intuitive and simplified workflow for designing, deploying and managing distributed and hybrid networks
- **Optus Fusion SD-WAN Gateway:** A line of physical or virtual secure WAN gateways that provide unified connectivity (point-to-point and full-mesh) and enforcement of global policy across on-premises and cloud network environments, zero-touch provisioning, automated VPN management and next-generation firewall and threat protection capabilities

Get started today

To get started with your implementation and prepare your network for the future call your Optus account manager today.