



SecureEdge

Unleash the true potential of cloud

Driven by digital business transformation and cloud-based services accessed by an increasingly distributed workforce, the network perimeter has expanded. This presents a challenge to traditional security solutions, especially when it comes to inconsistent security policies and gaps in visibility across remote users, branch offices, private and public clouds.

Telstra SecureEdge is a portfolio of advanced next generation cloud delivered security services allowing organisations to accelerate their digital transformation and cloud adoption in a more flexible and secure manner, without compromising performance.



The future of enterprise security is in the cloud

The research report 'State of Cloud Adoption in Australia, 2021' provided an important reality check regarding cloud uptake in Australia. Despite the promise of public cloud and the significant transformational benefits such as flexibility, stability and cost advantages, most enterprises still struggle to get there.

Security is a significant concern. Only 21% of respondents consider their organisation 'well prepared' for the security challenges they face in their cloud migration. Australian organisations feel that securing mission-critical cloud is hampered by:

- Incomplete control over who can access sensitive data
- Advanced threats against the cloud provider
- A lack of visibility regarding what workloads, data, and applications are in the cloud
- A lack of consistent security controls over multi and hybrid clouds

Accelerating digital transformation via SASE (Secure Access Service Edge) is a pivotal digital business enabler that is being adopted, again with great expectations. For many organisations, SASE is the

beginning of a significant journey, incrementally bringing network and security capabilities together.

Telstra is one of the few service providers that has extensive proven experience in networks, security and cloud in order to meet the evolving requirements of the future digital workplace and hybrid workforce.

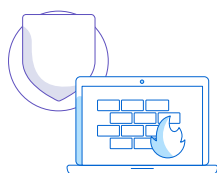
What is SecureEdge?

SecureEdge allows organisations of all sizes to accelerate their digital transformation and cloud adoption in a secure manner, without compromising performance.

SecureEdge enables secure internet access while protecting users and applications against malware, ransomware and zero-day threats. It has the ability to apply consistent security controls, meaning the same security policies are enforced at all times – across remote users, branch offices, head office, and spanning from private to public cloud architectures.

It combines Palo Alto Network's industry leading security solutions with Telstra's expertise in networks to help make cloud delivered security simple, flexible and able to hyperscale as your business grows. In short, SecureEdge can help serve as a stepping-stone in your organisation's SASE journey.

SecureEdge products available include:



SecureEdge Network

SecureEdge Network is a cost-effective, configurable and highly available in-line next generation firewall solution. It is purpose-built for

Telstra Next IP customers to securely connect an organisation's Telstra Next IP network and remote users to the internet, public cloud services and SaaS applications.

Advanced threat prevention capabilities include Zero Day Protection, URL Filtering, DNS Security, Site To Site VPN, Client To Site VPN, Secure Remote Access, Intrusion Prevention, Vulnerability Protection, Antivirus and Spyware Protection. Two options are available:

- SecureEdge Network Internet connection helps to securely connect Telstra Next IP network and remote users to the internet, public cloud services, and SaaS applications
- SecureEdge Network Extranet connection provides connectivity of a customer's Next IP Service to other organisations that also have a Telstra Next IP Network Service

SecureEdge Network is hosted in Telstra infrastructure within Australia to ensure data sovereignty.

SecureEdge Cloud



SecureEdge Cloud helps offer secure access to the internet for users, workloads and business applications residing in public and private clouds. It provides branch and remote

offices a secure SD-WAN connection and secure internet access via advanced threat prevention capabilities including Next Generation Firewall, Zero Day Protection, URL Filtering, DNS Security, Data Loss Prevention, Cloud Access Security Broker, IOT Security, Threat Prevention, Antivirus and Spyware Protection.

With SecureEdge Cloud, you can establish secure connection from branch to branch or private applications residing in your data centre.

SecureEdge Cloud is a flexible solution available to all organisations regardless of whether they

are a Telstra fixed connectivity customer and their underlying WAN technology. In fact, ubiquity of connectivity extends to Telstra Internet Direct, 4G, 5G, NBN, and more.

Leveraging industry leading cloud hyperscalers' global points of presence, SecureEdge Cloud provides high resiliency, scalability and low latency.



SecureEdge Remote

SecureEdge Remote helps provide secure remote user access and device protection to the mobile workforce, as well as a

consistent secure user experience for all employees, anywhere and at any time.

It filters access to malicious domains and inappropriate content, stops threats from reaching endpoint devices, protects against phishing and credential theft, and is compatible with a wide range of eligible devices and operating systems.

SecureEdge Remote provides advanced threat prevention capabilities including URL Filtering, DNS Security, Zero Day Protection, Threat Prevention, Data Loss Prevention, Autonomous Digital Experience Management, and Zero Trust Network Access. With SecureEdge Remote, you can establish secure connection to the private applications residing in your data centre or cloud infrastructure.

SecureEdge Remote is available to all organisations regardless of their underlying WAN technology and is suited to cloud-borne businesses with no head or branch office.



SecureEdge Connect

SecureEdge Connect combines the benefits of SecureEdge Cloud and SecureEdge Remote. It helps protect your branch offices, head office, and remote workforce to securely access the internet and cloud workloads.

With SecureEdge Connect, you can establish secure connections from branch to branch and user to branch or private applications residing in your data centre or cloud to seamlessly extend consistent, centralised, and best-in-class security controls to every user and location. It provides complete security for all application traffic while ensuring an exceptional user experience.

How does it work?



- SecureEdge helps provide branch offices, head office, and remote users with more secure access to the Internet, SaaS applications, private applications, public cloud services and data centres.
- Enterprise-grade security incorporates application awareness, deep packet inspection and content security features. Proactive near real-time and inline zero-day protection helps prevent advanced persistent threats reaching your network.
- The SecureEdge portal provides visibility and control of the applications and data that flow through your security gateway. You can view the status of your network, see historical trends and easily identify issues.

A full-page background image of a long, straight, two-lane road with white dashed center lines and solid white edge lines. The road is paved with reddish-brown asphalt and stretches towards a distant horizon under a vast, overcast sky with soft, grey clouds. The sides of the road are lined with low-lying green and brown vegetation.

Case Study: Royal Flying Doctor Service

With remote work and cloud-based application usage increasing, stricter compliance standards and a need to secure their business, the Royal Flying Doctor Service (RFDS) needed an enterprise-grade internet gateway for their private ambulance network, on a budget.

SecureEdge Network offered the network redundancy the RFDS needed and its simple setup and management enabled firewall policies to be changed as, and when, needed. It also provided network status updates, monitoring, and reports on threat levels and application usage.

“The solution made it convenient to remain with our current network provider, while also providing a step up to a technology that was appropriate. We don’t have to worry about the network and the perimeter. The solution has saved us time and money so we can now work on other projects in the cybersecurity space, which is fantastic.” says Adam Carey, ICT Operations Manager at RFDS.

To read the full customer story visit:
telstra.com.au/SecureEdge

Why SecureEdge?



Enterprise-grade Security

The SecureEdge portfolio combines the best of both worlds, combining the strength of Australia's best network provider Telstra, and global cyber security leader, Palo Alto Networks



Reliable

Highly available architecture delivering inherently high reliability, uptime and performance ensuring that your business is not impacted when unanticipated events materialise



Simple to manage

Intuitive and easy to use portal providing a single pane of glass to view policies, generate reports and make changes easily. A single set of credentials is all that's needed to access the SecureEdge portal from Telstra Connect



Flexible

SecureEdge is able to hyperscale as your business grows providing a choice of feature rich packages and flexible support options including a fully managed security service and professional services



Peace of mind

Always on security with 24/7 technical helpdesk to help you remain safe and compliant with the latest regulations



Remote User Protection

Apply consistent security measures across your workforce, no matter where they are



Cost Effective

SecureEdge reduces the cost of on-premise investment and fills in the gaps when it comes to in-house security skills, especially in mid-sized businesses



Reduced Complexity

You can simplify your IT infrastructure by minimising the number of security products your IT team has to manage, update, and maintain, consolidating your security stack into a cloud-based network security service model



Built for SASE Adoption

Building on Telstra's carriage network and cloud capability, SecureEdge can be a foundational element in your SASE strategy

Contact your Telstra account representative for more details.

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