



Sovereign SecureEdge

Helping safeguard citizen data and maintain availability of government digital services

The last two years have seen a steady increase in malicious cyber activity targeted at Australian organisations. Particularly concerning is the attempt to infiltrate government agencies.

Sovereign SecureEdge provides government-specific security and secure inter-agency connectivity on a high availability platform. The gateway provides sovereign secure capability, delivered by an experienced Australian critical infrastructure provider, and allows Federal Government departments to safeguard data and ensure availability of government digital services.



According to the latest Australian Cyber Security Centre (ACSC) Annual Cyber Threat Report, 35% of cyber incidents targeted federal, state and local government in their most recent study. (Source: www.cyber.gov.au). And while digital transformation initiatives continue across Australian agencies, the challenge is achieving this transformation in a safe and secure manner, compliant to government policy, without impediment to the end user experience.

When it comes to protecting government organisations at federal, state and local levels, experience matters. Australia faces a complex and threatening cybersecurity landscape and an increasingly complex regulatory environment. That's why Telstra's new security capabilities for government take protection to the very edge of our sovereign network. With Telstra's experience and range of scalable security solutions defending your environment, you can securely serve citizens with accessible digital services that underpin a prosperous economy.

How we can help

Sovereign SecureEdge provides government-specific security and secure inter-agency connectivity on a high availability platform. In parallel with Telstra's specialist Government cyber security capability, the gateway provides sovereign security, delivered by an experienced Australian critical infrastructure provider, and allows Federal Government departments to safeguard data and maintain availability of government digital services.

Features include a gateway that securely manages data flows between connected networks from different security domains in compliance with the Australian Cyber Security Centre (ACSC) Guideline for Gateways.

It is backed by Telstra's Australian Security Operations Centres (SOCs) which are built to T4 standards, managed by accredited local staff and certified to operate at the ISM PROTECTED level.

Features



High availability platform



Secure inter-agency connectivity (GovLink/ICON)



IRAP assessed and ISM compliant for processing of data up to and including PROTECTED data classification



Deterministic end to end bandwidth and traffic management, delivering high throughput across 3x10Gbps TID links and 4x10Gbps IPMAN trunks



Modular scale architecture with multiple layers of security providing defence in depth and a distributed edge with central management



Secure 24/7 service management including government-grade service desk

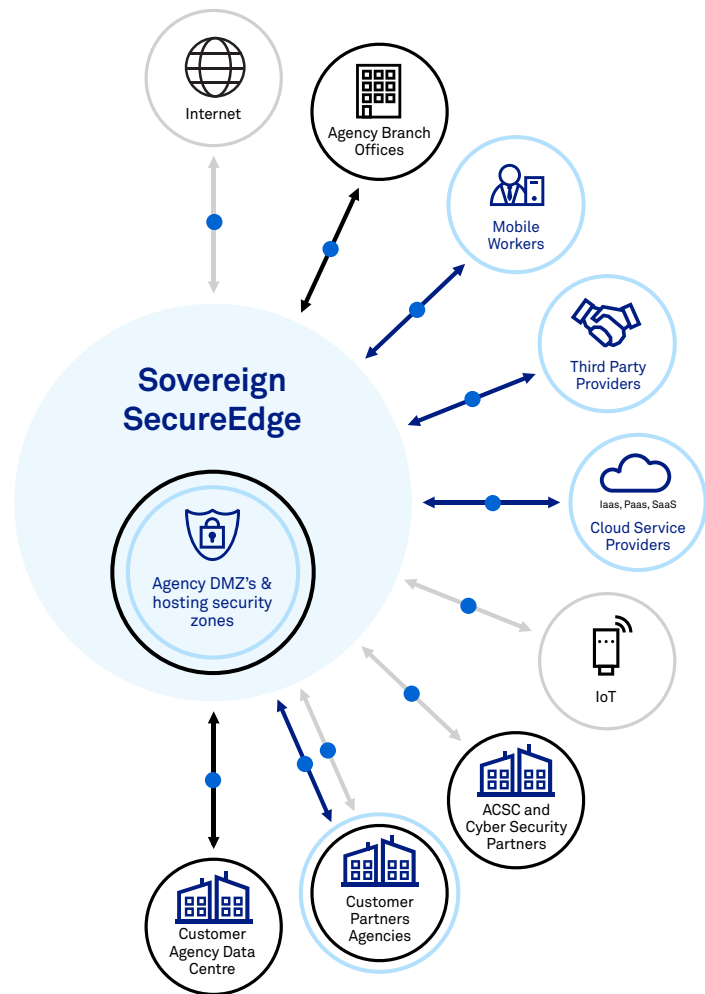


Secure Internet services incorporating:

- Secure web browsing
- Secure email
- Secure proxy
- Secure content filtering
- Secure DNS
- Secure NTP
- Secure remote access
- Secure hosting

How it works

1. Sovereign SecureEdge combines networking and security services including FWaaS, SaaS, secure web gateways, cloud access security brokers, endpoint security and zero-trust network access in a cloud-delivered architecture to help protect users, applications, and data.
2. Across low, medium and high trust zones, Sovereign SecureEdge helps prevent threats reaching your network.
3. Full data sovereignty is maintained.



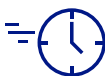
Legend

- High Trust Zone
- Medium Trust Zone
- Low Trust Zone
- Policy Enforcement Point

Benefits



Government-grade security gateway - Sovereign SecureEdge is a gateway facilitating government connectivity (incl. ICON) and incorporates multiple layers of security providing defence in depth, with guaranteed bandwidth (QoS) and a distributed edge including industry leading service management.



Quick to provision - Service onboarding and activation can be provisioned leveraging virtual infrastructure with short lead times, responsive to the requirements of the department.



Reliable - High availability architecture with full redundancy.



Cost effective - Sovereign SecureEdge provides a core capability, with optional additional service offerings to meet department specific needs. This offers value for money and flexibility to scale to meet changing departmental requirements.



Helps reduce risk and allows federal government agencies to stay compliant - ISM compliant sovereign secure solution independently IRAP assessed.



Provides visibility and reporting of security controls and threats across the environment.

Telstra Security in Federal Government



Telstra has provided Secure Internet Gateway to government agencies for over a decade. Sovereign SecureEdge is an ISM compliant and IRAP assessed service built on Telstra's sovereign nation-wide highly resilient network.



Telstra can offer a whole-of-government solution with Telstra IP at the core



Telstra has an extensive heritage in data sovereignty and onshore delivery



Solutions are secure-by-design, compliant with ISO, ISM and relevant security standards



Continuous learning from customer engagements and protecting our own network feeds into product development



Trusted government partner employing 500+ qualified cyber security experts



Telstra maintains a unique viewpoint as we carry up to 75% of Australia's and 30% of Asia's data traffic. Each day our Security Operations Centres (SOCs) monitor over 400 million raw / aggregated events, correlate 75,000 events, triage 1,000 events, & perform 20 major investigations. This is the intelligence and insight we utilise in ensuring the safety of government customers.

Contact your Telstra account representative for more details.



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telstra.com.au/SecureEdge