CONFIDENCE IN THE DIGITAL WORLD

Telstra Security Services can provide a holistic view of your business environment, no matter how simple or complex it is.
GRASP THE FULL POTENTIAL OF THE DIGITAL AGE WITH CONFIDENCE

The digital environment is fundamentally changing the way we work, driven by new devices and new ways to communicate, collaborate and transact.

Get more intelligence from your security investment at Telstra

End to end visibility of the security landscape

Local & Global Threat Events
Hacktivists
Malware
Trojans

Security Operations Centre

Local & Global Information
Core Network Control & Management

Know where to look | Know what’s there | Know how to fix it | Respond rapidly

Telstra Security Services operated by Security Operations Centre

Combine network and security intelligence to stop threats before they even reach your business

Today, both employees and consumers want to connect to people and information at a time and place that suits them. This radical shift presents major business opportunities, but also creates vulnerabilities that are being exploited daily. Threats are now more frequent, sophisticated and coming from all directions.

If you manage security yourself, can you keep up with these rapidly evolving threats, and do you have the resources to address them? If you employ security providers, can they deliver integrated threat intelligence across the whole of your business? We can – and that’s our unique difference.

We can provide a 360 degree view of risks across your network and ours, monitored 24/7 across multiple layers and devices. That’s combined with up-to-the minute intelligence from the Australian Government, global security partners and daily threat management for our own networks – the largest in Australia.

Our response to this data is just as intelligent. Because of the size and scope of our operations, we attract some of the most qualified and experienced security people in Australia. They apply their knowledge to evaluate and prioritise threats, and take rapid and appropriate action. With fully integrated intelligence and response, we can help stop threats before they impact your operations so you can confidently do business in the digital world.

Benefits
• Increase protection to help prevent threats before they damage your business
• Adopt new technologies, as well as new ways of working and interacting with colleagues and customers without compromising security
• Lower cost of ownership with solutions tailored to your risk profile
• Improve security control with a single 360 degree view and a single source of expertise
• Reduce the time and cost of managing multiple security products, vendors and internal resources.

How often have you been at risk?

A 2014 survey of Australian organisations found that:
• approximately 1/3 encountered a business interruption as a result of an IT security incident within the last year
• 45% of the respondents cited that the greatest risk of IT security threat comes from both internal and external perpetrators and that reputational loss would be the most important factor in terms of impact a security incident would have on their organisation.

Frost & Sullivan Customer & Market Insight 2014
TELSTRA SECURITY SERVICES ARE UNDERPINNED BY THREE CORE CAPABILITIES

We offer a range of Managed Security Services and end-point solutions to help protect your infrastructure and information from internet and network based attacks. They provide proactive 24/7 monitoring and management, both through the cloud and/or your on-site equipment. The services can be purchased separately, as managed solutions or as bundles, and can be used on their own or to complement the efforts of your IT team. Our services use market leading security technology and include:

• Managed Firewall – inbuilt security intelligence provides proactive, real-time firewall management and monitoring to counter the rising threat of unauthorised intrusions and network misuse. It delivers cost-effective, customised 24/7 protection to protect key information assets across networks, hosts, applications and databases.

• Intrusion Prevention Service – supplements your firewall protection by using inbuilt security intelligence to quietly monitor network and server traffic, watch for suspicious activity and help stop attacks in progress.

• IP Gateway – enterprise-grade security features for our IP WAN, IP MAN and Connect IP™ network services, and also gives you robust security infrastructure to connect to the internet, to other organisations on the Telstra Next IP® network, or to our Cloud Services.

• Email Protection – anti-spam, anti-virus and content monitoring/filtering for safe, productive email communication.

• Web Protection – up-to-the-minute security against viruses, Trojans and other types of web-based threats, including zero-day threats.

• Denial of Service Protection – both domestic and global defence to help maintain the availability of your online environment.

Take advantage of expert advice to help protect your information assets from security breaches and threats. Our specialists will work with you to choose the appropriate strategy, architecture, solution and services for your environment, and can manage the deployment.

With a holistic view of your environment, we are able to simplify your security choices and advise on ways to balance risk against the best return on investment. We can also help you to meet governance obligations and ensure your organisation overcomes attacks or recovers quickly with minimal impact.

Our consultants draw on deep practical experience improving security for some of the country’s largest mission-critical environments. This enables them to offer valuable insights into the most effective and economical protection for your organisation.

Our services include:

• Security Compliance
• Security Architecture
• Security Framework and Strategy
• Vulnerability Assessment
• Risk Management
• Business Continuity and Disaster Recovery
• Defining Security Policies
• Assisting in Security Change Requests.

Intelligence underpins all of our Managed Security Services and is a key difference of what we offer. Our world class Telstra Security Operations Centre constantly collects intelligence feeds from the internet, your network and ours, giving us a comprehensive view of network activities that other providers find hard to match. That’s combined with local and worldwide information from industry bodies, critical infrastructure forums, security partners and vendors. It gives us an extensive view of security in the Australian market that we then can apply to protect your business.

Data is assessed by one of the largest and most experienced groups of security experts in the country. They evaluate real-time intrusion event data and systematically categorize and prioritise each threat in relation to global profiles.

With integrated network protection, a complete view of security intelligence and expert resources, we can swiftly identify threats and take appropriate response at the internet, network and device, or equipment level before the threats damage your business.
Connect securely with Telstra

Take advantage of our powerful combination of network and human intelligence, extensive experience, and transparent view across your business. Our capabilities are underpinned by:

**A 360 degree view.** We provide a single integrated view of security with end-to-end visibility spanning devices, on-site equipment, your networks and ours, and the cloud.

**Proactive monitoring and management.** The Managed Network Operations Centre, Global Operations Centre and the T4 certified Security Operations Centre proactively gather detailed telemetry from multiple layers and devices to identify emerging threats.

**Best-in-class tools.** Our infrastructure and security processes are independently assessed and certified to the highest standards, including ISO 27001 and AS/NZS 4360:2004 Risk Management Standard.

**Network strength.** Our networks have greater capacity than any other Australian provider. In the event of a large-scale attack, we aim to minimise the impact to your business traffic. In addition, we offer physically separate internet and IP networks to help prevent internet-based attacks reaching your private network. And since we control our own internet network, we can take measures to further reduce threats, while our Australian based monitoring and cleaning platforms can quickly mitigate DDoS attacks.

**Exceptional knowledge resources.** We have one of the largest and most qualified groups of security professionals in Australia. They draw on vast experience managing threats daily for the largest network in Australia – our own – as well as the mission-critical environments of high profile organisations.

**Local and global Intelligence.** Contacts with leading security vendors, the Australian Government, and the worldwide security community provide us with the latest intelligence of the local and global threat landscape.

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About Telstra

We provide network services and solutions to more than 200 of the world's top 500 companies. They rely on us to do business across 240 countries and territories and to enable greater productivity, efficiency and growth.

Our solutions offer the best of all worlds – skilled people and a rich portfolio of services delivered on our world-class Telstra Next IP® network and Telstra Next G® network. To ensure reliable performance, they're monitored and maintained from our dedicated centres using advanced management and operational systems. And they're backed by Telstra Enterprise-grade Customer Service® and one of Australia's largest and most qualified field and technical workforce.

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**A dangerous new threat landscape**

As technology has evolved, it’s created a radical shift in business operations and opened up security loopholes. People are now working outside of the office and connecting to each other and information in different ways with multiple devices. The internet is accessed more frequently for business use, but is the largest source of threats. Meanwhile, virtualisation, compliance and the cloud present a whole new set of challenges.

Technology change has not only made business activities vulnerable, it’s created new weapons to exploit weaknesses. Security threats are now more camouflaged, complex and multi-phased, and far more damaging. With the rise of profit motivated attacks, hactivism and foreign cyber-espionage, they’re also growing in frequency. Is your security strategy keeping pace?