

Deloitte.

Cyber Intelligence
Centre

Managed security services

Helping organizations prevent, detect,
and respond to evolving threats

Brought to you by
Deloitte's global network
of Cyber Intelligence Centres





Cybersecurity is more than a technology issue. It's an issue central to business risk. In fact, it's one of the leading business threats in the world, and it's growing.

“Cyber attacks represent \$294.15 billion of the total GDP@Risk...”

Lloyd's City Risk Index 2015-2025

A new breed of managed security services provider



As cyber threats evolve and become more complex, many businesses recognize they can't manage the challenge alone. They're turning to managed security services providers (MSSPs) like Deloitte to serve as partners that can provide a cost-effective alternative to manage the monitoring, detecting, investigating, alerting and responding to cyber threats.

Understanding that organizations require nimble solutions, we offer a full suite of cybersecurity solutions to help clients prioritize their coverage based on risks to their business. Our focus is on becoming an extended part of our clients' security teams, which is why our managed security services are customized to client needs.

As an MSSP, we offer more than security operations and information security and event management. We are the largest security services practice globally. Our services cover information security, cybersecurity advisory, solution implementation and integration, managed services, actionable threat intelligence, and incident response. Our global network of threat intelligence-sharing and analytics provides organizations with the visibility needed to better protect their sensitive data and critical infrastructure, and our incident response solutions provide rapid response and recovery to cyber threats. Our approach is comprehensive: it's designed to help our clients respond proactively to threats 24x7, delivering an even greater level of protection through high-availability security operation centres.

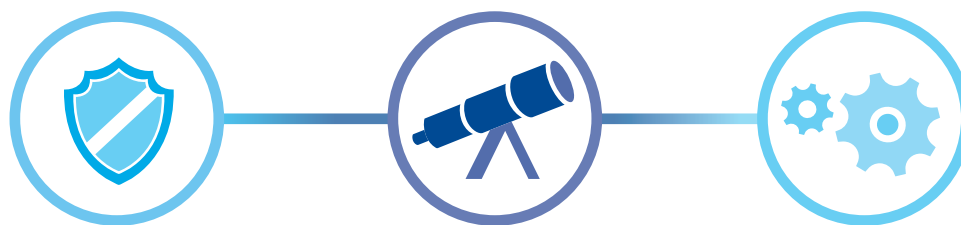
The comprehensive approach to cyber confidence

To help deliver effective cyber solutions, we consult with organizations to define plans for cybersecurity resiliency, helping them to prevent, detect, and rapidly respond to cyberattacks – limiting damage to their business. It's an approach geared toward helping businesses become more than secure.

Getting to cyber confidence first requires a strategy and governance. Our comprehensive suite of cybersecurity offerings integrate strategy and governance with the core capabilities needed for helping organizations become more secure, vigilant, and resilient. Our approach extends across the lifecycle of advisory needs, implementation requirements, and managed services.

Governance and strategy

Identify top risks, align investments, develop an executive-led cyber risk program, and adapt to changes in business strategies and threats. The end game: to support an executive-led cyber risk program that balances “secure, vigilant, resilient” requirements with the risk appetite of the organization.



Secure

Take a measured, risk-prioritized approach to defend against known and emerging threats.

Vigilant

Develop situational awareness and threat intelligence to quickly identify potentially harmful behaviour.

Resilient

Have the ability to recover from and minimize the impact of cyber incidents on your organization.

A powerful extension of your cybersecurity team

Through our Cyber Intelligence Centres, we leverage best-in-class industry and proprietary tools to provide a full suite of managed security services.

Security can't simply be outsourced. As an MSSP, we offer more than security operations and security information and event management: we provide the resources, coverage, and talent organizations need to improve and maintain a strong cybersecurity program.

As a recognized leader in security consulting we've taken our years of experience in building information security programs and we apply it to our day to day operations to drive continuous program improvements for our clients.

We help clients focus on what is relevant, eliminating false positives, performing effective triage before issuing an alert, and risk prioritization to ensure limited budgets are spent in the most effective way. Most importantly, we act as an extension of the team, working collaboratively with our clients to help strengthen their cyber defences. Our unique managed security services capabilities include:

Security information and event management

Real-time monitoring, correlation, and analysis of security events across enterprise assets.

This includes:



24x7 logging, monitoring, and alerting

Advanced 24x7 security monitoring for early threat detection and mitigation. Through rapid detection, organizations can stop an attack before it impacts business services.



Customized to client-owned or wholly managed by Deloitte

Fully augmented-operation model that works with your current systems or is wholly owned and managed by us based on business needs. We rightsize our solution for your business.



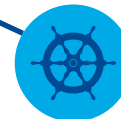
Security tools management

Managing anti-virus solutions, perimeter security tools, and other preventative and detective solutions.



Vulnerability management

Managing the full vulnerability life cycle from identifying to managing execution of remediation, to reporting.



Implementation services

Implementing and managing tools, technologies, and processes for risk-aligned controls development and operations support.



Onsite security operations

Deploying our experienced staff to work with you to enhance your current information security program, or to augment your staff where gaps might exist.

To provide you a deeper level of security solutions, we also offer:



Threat intelligence and analytics

Security isn't always enough. Through our global network of threat intelligence-sharing, we proactively monitor our clients' environments and the external threat landscape to help prevent and detect targeted cyberattacks and insider threats. We turn intelligence updates into actionable mitigation strategies to help our clients respond to threats relevant to their business. Our global network for sharing threat intelligence – plus our powerful analytics resources – provide organizations with the visibility they need to better protect their sensitive data and critical infrastructure.

These capabilities include:

- Threat intelligence and collaboration/sharing
- Cyber surveillance including Dark Web analysis
- Advanced threat analysis
- Malware reverse engineering
- Threat hunting
- Threat simulation



Incident response

Despite all attempts at prevention and detection, the inevitable does happen. We provide our clients with solutions to help them proactively respond to and recover from a sustained attack. Our incident response capabilities support clients in the immediate, mid-term, and long-term aftermath of an incident, including crisis management, technical investigation, security remediation, cyber-risk program enhancement, and regulatory compliance.

These capabilities include:

- Proactive, business-focused incident response strategies
- Compromise assessments
- Incident simulations and war-gaming
- Enterprise-wide cyber management and preparedness



Cyber advisory services

As a recognized leader in security consulting, Gartner Inc. has ranked us #1 globally, based on revenue, annually since 2012.¹ We understand the full global cyber landscape and how to navigate within it. Our expertise spans all industries, and our advisors are both business- and technology-focused to ensure that limited budgets are spent on priority areas of cyber risk.

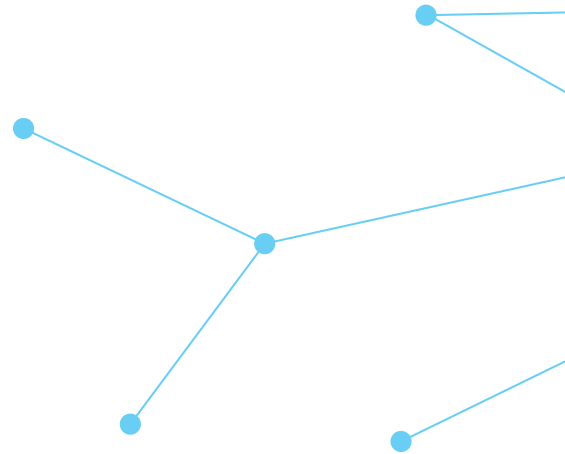
We've adapted this knowledge into our cyber advisory practice to provide our clients with a complete lifecycle management approach to cyber resilience.

¹ Gartner. Marketshare analysis: *Information security consulting worldwide 2014*. Gartner Inc. March 31, 2015.

Why Deloitte

Cyber confidence depends on confidence in your MSSP partner

Businesses today have many choices when it comes to finding the right partner. So why choose Deloitte?



Our team is your team

In working as a powerful extension of your team, we address the full spectrum of your needs – defining requirements, onboarding, and steady-state operations – all to ensure retention of internal know-how on technology, processes, and risks. With expertise across all industries, our advisors are both business-focused and technology-focused to help ensure that limited budgets are spent on priority needs.



We're a technology leader

We bring more than traditional business consulting to challenges. Our advanced technology capabilities have helped us consistently earn industry recognition as a leader in cybersecurity consulting. In fact, according to Gartner Inc., we have ranked #1 globally, based on revenue, annually since 2012.



Our solutions are customized, comprehensive, and strategic

Our managed security services provide a full suite of solutions, customized to business needs and based on our deep experience across industries and in all corners of business.



We deliver the scale you need

Deloitte is one of the largest² managed security services practices in the world, with our services covering cybersecurity advisory capabilities, solution implementation, integration, managed security services, threat intelligence, and analytics and incident response. We continue to open new Cyber Intelligence Centres each year to serve the global market, assisting clients on a 24x7 basis, 365 days of the year. In Canada, our Cyber Intelligence Centres are based in Toronto, Montreal, and Calgary, serving domestic clients. They are facilities which are Protected B by the Canadian federal government and operate under the ISO 27001 framework and are staffed with qualified personnel cleared at Government of Canada Secret levels.

² The Forrester Wave™: Information Security Consulting Services, Q1 2016 | The 13 global providers that matter most and how they stack up, January 29, 2016



We know the threat landscape and we adapt to change

We turn threat intelligence into actionable content that our clients can utilize to help them proactively detect and prevent security incidents. And our incident response solutions provide rapid response and recovery to cyber threats.



We're driven by the need for constant improvement

As your business evolves so do the cyber threats. In delivering critical cyber capabilities to your organization, our professionals remain focused on continually applying the lessons they learn to improve operations and stay ahead of these threats.



Details and standards matter deeply to us

We conduct an analysis of your organization's existing capabilities, talent, and complexities, to help you determine the security operations model that is best for your organization. We understand budgets are limited and help our clients prioritize their investments.



Two-way communication is a priority for us

We don't believe in the "no news is good news" approach to cyber risk. We emphasize regular weekly or monthly detailed operations reviews with our clients to discuss threats and their overall security operation status. Equally as important, we understand the need for an open line of communication so that questions can get answered at any time, not just when they become urgent.

The kind of help your business requires



Cybercrime operates around the clock and requires a partner who will be there 24x7 to watch over your organization. Today's demands require a managed security services partner that can not only help your organization shoulder the burden of today's sophisticated cyberattacks, but will also act as a powerful extension of your team.

To learn more about how we can partner with you to help your organization become more cyber confident, contact us today.

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