Cyber Security Solutions

What are you doing to protect your business from today's cyber security threats?

The biggest financial consequence to organizations that experience a data breach is **lost business** - be it unusually high customer turnover, reputation loss and diminished goodwill.

Here are a number of important challenges that your IT team needs to address with regards to network security.

Improve security while maintaining an efficient operation

Your company has something worth stealing. Protecting your data and communications network while detecting security threats in real time, before they can compromise your network and data, requires continuous monitoring and mitigation activity. This demands dedicated personnel who are experts at recognizing threats and at handling the sophisticated systems and applications involved in network security operations. With so many other tasks assigned to the IT department, many organizations have a problem finding the necessary resources to maintain and improve network security — making it easier for hackers to attack without detection.

Anticipate emerging threats

To achieve its business objectives, your organization is always seeking to adopt new collaborative applications and to establish network communications with new customers and partners. As a result, your network can come under the attack of zero-day exploits, which are pieces of malware designed to take advantage of unknown vulnerabilities in new applications. Your resources may not be enough to detect threats, or may prevent you from responding with timely and effective remedies.

Simplify and streamline compliance

In most businesses, effective network security is intrinsically linked to the compliance requirements that governments or industry agencies place on the organization. These requirements are usually quite complex and involve security provisions that take time to implement and need to be handled by experts. Mistakes or omissions can result in fines, expensive litigation, loss of business or damage to your company's brand and reputation.

Our Solutions

Advanced Threat Management

Zayo's global state-of-the-art Security Operations Centre (SOC), was built to the highest certifications and security standards. Our core Advanced Threat Management service uses an integrated mix of industry leading processes and technology, plus security experts to offer enterprises intelligent, adaptive, and real-time security defense. With a holistic view of the ever-changing and rapidly advancing threat landscape, we help businesses monitor, manage, and reduce business risk, 24x7x365.

Value Added Security Services

Threat Intelligence is an optional compliment to Zayo's Advanced Threat Management solution. It proactively offers early warning and actionable information needed to protect against emerging threats and zero day vulnerabilities. Our best of breed Threat Intelligence platform consolidates and curates multiple threat intelligence sources while eliminating redundancies and providing cross-validated analysis.

Managed Security Services

We act as an extension of your IT staff to prevent, detect and respond to advanced malicious threats 24x7x365. Depending on your needs, these services can be delivered in a wide array of options from managed to active monitoring, to self-service.

Security and Risk Consulting

Helps to effectively and efficiently manage the real risks to your business. Our consultants are well versed in industry standards and regulatory compliance requirements.

We deliver a comprehensive suite of information security services powered by Zayo and our leading partners in the industry which offer the people, technology, global threat visibility and deep security expertise every organization needs.

Our Approach

We understand that every business is unique and is conducted in a highly networked environment, which is why we ask questions that ensure nothing is assumed or overlooked.

Zayo's security professionals take a carefully tailored approach to addressing your IT security challenges by supporting your connected business environment through three critical phases: **Assess**, **Mitigate** and **Manage**.

Assess – What is the risk?

Our security experts assess the threats, risks and vulnerabilities to your network and applications by conducting in depth network and security assessments. We then develop a cohesive IT security program with strategies that enable improved integration and interoperability of multiple security elements to reduce risk and streamline operational management and costs.
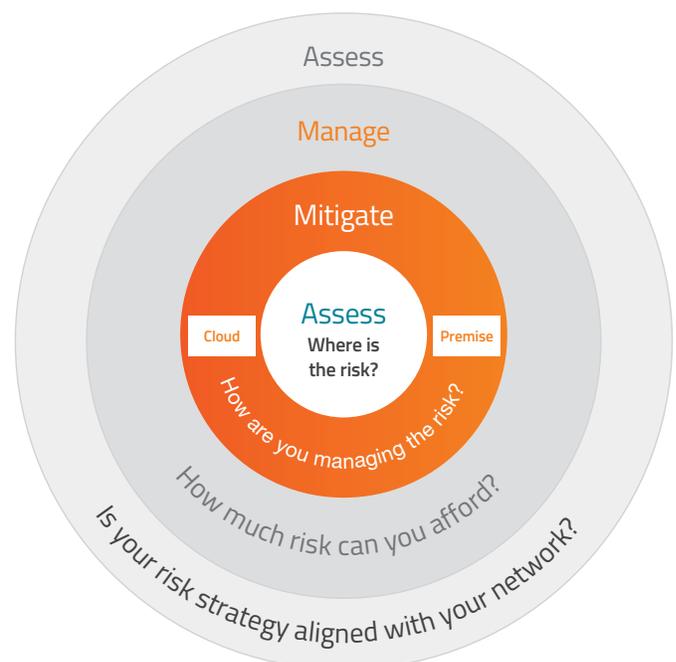
Mitigate – How are you managing the risk?

After carefully evaluating your existing network security infrastructure, Zayo's security team will recommend the most appropriate security solutions (cloud-based or premise-based) to address your unique requirements.

Manage – How much risk can you afford?

Through our Advanced Cyber Defense Management suite, we manage the risk and complexity of your network security infrastructure by providing guaranteed service levels, access to leading edge technology, data facilities and experienced and certified IT resources. These customized services help you achieve operational efficiency, cost reduction and risk mitigation.

Defense in Depth Approach

Assess

Manage

Mitigate

Cloud

Premise

Assess
Where is
the risk?

How are you managing the risk?

How much risk can you afford?

Is your risk strategy aligned with your network?

Full Breadth of Cyber Security Solutions

Advanced Threat Management

- Retrospective Forensics
- Data Summary Reporting
- Historical and Real-Time Correlation
- Data Summary Reporting
- Custom Automated Reporting
- Real-time Workflow
- SIRT Integration & Orchestration
- Accelerated Response
- Continual Contextual Tuning
- Operational Metrics
- Active & Adaptive Response
- Advanced Use Cases
- Threat Hunting
  (Optional service)
- User Behaviour Analysis
  (Optional service)

Managed Security

- Network IPS
- Firewall Management
- Log Monitoring
- Vulnerability Management
- Host IPS
- Log Retention
- Web App Firewall
- Web App Scanning

Threat Intelligence

- Vulnerability Feed
- Advisory Feed
- Threat Feed
- Live Intel Briefing
- Microsoft Update
- Weekly Threat Summary
  (Optional service)
- Emerging Threat Tips
- CTU Support
- Malware Analysis
- Attacker Database

Security and Risk Consulting

- Compliance/Certification
- Testing/Assessment
- IR & Forensics
- Program Development
- Architecture/Integration
- Residency Services

The difference Zayo Managed Cyber Security solutions will make to your business

Enhanced Security

Subscribing to Zayo MSS will significantly enhance the security provisions of your network through the addition of superior threat detection and mitigation capabilities supported by a qualified team of network professionals and the most advanced technology in the industry. Our services allow you to effectively defend against most advanced threats and protect all layers of your communications infrastructure.

Control Costs

Our Advanced Cyber Defense Services enable you to extend your team with our certified security experts, saving you the time and costs associated with hiring or training specialized IT personnel to manage and monitor your network around the clock - our Zayo experts monitor 24x7x365. Also, ensuring compliance with government and industry regulations brings you additional savings by avoiding penalties or litigation.

Ability to focus on core business

With security issues handled by Zayo experts as part of your advanced cyber defense strategy, your IT managers and personnel can focus on core applications and processes that directly contribute to better business results. Our partnership will improve your security posture and reduce risk.

Access to Latest Security Knowledge/Expertise

Zayo's MSS leverages the most up to date technology and is supported by the highest professional expertise available. Subscribing to MSS ensures that your security provisions remain current and are able to protect your business against the latest threats.

Confidence and Trust

Zayo's dedicated team of professionals monitor and manage your network 24x7x365 to ensure the optimum operation of your network, allowing you to focus on your core business operations.

> "We see organizations caught in a difficult struggle mitigating potential cyber-security risks while earning and maintaining the trust of their customers. This requires skillful leadership, not just investments in technology."
>
> — **Michael Strople**
> Managing Director – Canada
> President – Zayo Managed Services
> Zayo Group

Protect your business with Cyber Security solutions from Zayo.

To talk to a Security expert, contact us today.
Email cybersecurity@zayo.com
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or visit zayo.com/ca/services/managed-cyber-security

Zayo Group Holdings, Inc. (NYSE: ZAYO) provides communications infrastructure services, including fibre and bandwidth connectivity, colocation and cloud services to the world's leading businesses. Customers include wireless and wireline carriers, media and content companies and finance, healthcare and other large enterprises. Zayo's 180,000-kilometre network in North America and Europe includes extensive metro connectivity to thousands of buildings and data centres. In addition to high-capacity dark fibre, wavelength, Ethernet and other connectivity solutions, Zayo offers colocation and cloud services in its carrier-neutral data centres. Zayo provides clients with flexible, customized solutions and self-service through Tranzact, an innovative online platform for managing and purchasing bandwidth and services. For more information, visit: www.Zayo.com/ca.

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