
SENIOR INFORMATION SECURITY SPECIALIST

Full Time Employment Opportunity

Reporting to the Manager, Information Security, the Senior Information Security Specialist is responsible for providing security consultation and operational support, and is a senior technical resource for the Information Security department. The incumbent manages the Information Security Awareness and Incident Management programs, and is responsible for the systems that provide information security and secured network access for Manitoba Liquor & Lotteries. As the Tier II support contact, the incumbent's objective is to identify the root cause of problems and prevent subsequent incidents.

Duties:

- Support firewalls which protect Manitoba Liquor & Lotteries' business critical networks and servers.
- Responsible for a governance role for all virtual private networks (VPN).
- Support secure remote access over the Internet for both organizational employees to work remotely, and vendors to support business critical information systems.
- Responsible for file integrity monitoring and reporting of gaming systems and retail operations.
- Analyze logs and events from critical information systems for suspicious or abnormal activity.
- Scan incoming email for SPAM and malicious content such as viruses and spyware.
- Carry out web content filtering using approved exclusion lists, anti-virus and anti-spyware technology, for non-business appropriate websites and for protection from malicious websites.
- Provide secure storage of system passwords and sensitive documents.
- Conduct network monitoring for both malicious and suspicious network activity.
- Monitor file systems and directory services for unauthorized access or changes.
- Perform vulnerability and risk assessments on new and existing information systems, and develop reports indicating the risks and options to mitigate risks, for review by appropriate management.
- Manage information security incidents following the information security incident response plan. This plan includes the detection, identification, analysis, investigation, response and recovery from information security incidents.
- Design, develop and implement information security metrics (Internet usage, firewall activity, SPAM activity, incidents, etc.) and provide reports.
- Provide security advice and ensure projects adhere to security policies and standards.
- Participate in the development of information security policies that support the security strategy and corporate business objectives.
- Develop or assist in developing standards, procedures and guidelines that support information security policies.
- Provide information required for the budgeting process, monitor spending, and use technical knowledge to ensure that resources required for projects and systems maintenance are utilized efficiently and responsibly.
- Encourage a climate that supports diversity.
- Performs other duties as assigned.

Primary Qualifications:

- Completion of a recognized degree or diploma program in an IT related discipline, or an equivalent combination of education, certification, and experience.
- A minimum of four (4) years information infrastructure experience and two years' experience working in Information Security Management.
- A Certified Information Systems Security Professional (CISSP) or SysAdmin, Audit, Networks, Security (SANS) professional certification (GIAC), or willingness to be certified.
- Strong written and verbal communication skills, analytical, and organizational skills.
- Ongoing professional development and recertification are required to maintain certifications and keep up-to-date on changes in information technology.
- The core competencies for this position include achieving quality results, adaptability/managing change, communication, customer service, decision making and problem solving, integrity and building trust, teamwork and cooperation and valuing diversity. These competencies are deemed important for the success of the position and organization.

Secondary Qualifications:

- Bilingual (French/English) language skills.

Salary: \$34.40-\$42.31
Bargaining Unit: CUPE
Location: Milt Stegall Drive

Individuals should apply by completing our online application form at www.mbl.ca/jobs or by submitting a resume and application to:

Email: careers@mbl.ca
Mail: Human Resources
1555 Buffalo Place
Winnipeg, Manitoba R3C 2X1

All applications are due by: **January 14, 2019.**

We thank all interested applicants, however, only those selected for interviews will be contacted.