Network Security Architect
Port aux Basques or North Sydney

At Marine Atlantic, we do so much more than get people from point A to point B. Whether it's reunions, long-awaited trips home, or the start of a new adventure, we bring people together. We couldn't bring people together every day without our own dedicated employees. Our employees embody our core values; they are safety oriented team-players who exhibit integrity and commitment, and always strive for excellence. Their understanding and commitment to our values make our employees an invaluable part of our organization.

Marine Atlantic is currently looking for a **Network Security Architect** to work with our IT/IM department. The successful candidate may choose to work from either our Port aux Basques or North Sydney location.

Reporting to the IT Operations Manager, with a matrix reporting relationship to the Chief Information Officer (CIO), the Network Security Architect is a senior member of the IT/IM team that will work closely with the other members of the Division to develop and implement a comprehensive IT security program and policies. This role will make risk-based decisions related to required technical controls and architecture design elements specific to security, as well as define processes and standards to ensure that security configurations are maintained. As a subject matter expert, this position will bring the IT security perspective to any applicable organizational decisions.

As a Network Security Architect with Marine Atlantic, you will be responsible for:

- Developing and executing a security program that will address identified risks and business security requirements
- Identifying, evaluating and responding to IT security risks and incidents

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- Translating Marine Atlantic's risk mitigation requirements into IT security based controls and specifications
- Establishing reasonable ongoing security performance measures
- Providing a high level security dashboard to IT/IM management, Executive and Board of Directors that clearly communicates the overall effectiveness of Marine Atlantic's IT security processes;
- Managing the process of gathering, analyzing and assessing the current and future threat landscape, as well as providing IT/IM Management with a realistic overview of risks and threats in the enterprise environment
- Coordinating security risk assessments aimed to determine the effectiveness of existing security controls, and providing recommendations on remedial action;
- Reporting to Marine Atlantic management concerning residual risk, vulnerabilities and other security exposures, including misuse of information assets and noncompliance
- Acting as lead role during potential or real security incidents by assisting Management, security resources (internal or contracted) and IT staff in the resolution of reported security incident
- Working diligently to promote a safe working environment
- Assisting in the accomplishment of Company objectives by performing other related duties as required

What qualifications do I need to be considered for this opportunity?

Education and Experience:

- A Bachelor's degree in Computer Science or Information Systems with a minimum of 5 years of IT experience in a senior IT role doing IT Security, Network administration, Enterprise Architecture or System Design

OR

- A combination of equivalent education, job-related training and experience in a related position.

Additional Qualifications:
- A strong understanding of the business impact of security tools, technologies and policies
- Excellent verbal, written and interpersonal communication skills
- In-depth knowledge and understanding of information risk concepts, and principles, as well as information security concepts, protocols, industry best practices and strategies
- Strong analytical skills and the ability to analyze security requirements and relate them to appropriate security controls.
- Strong customer/client focus, with the ability to manage expectations appropriately
- Knowledge of and experience with developing and documenting security architecture and plans, including strategic, tactical and project plans.
- Experience implementing firewall, VPN's and IDS systems.

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Asset Qualifications:

- Experience developing and maintaining policies, procedures, standards and guidelines
- Knowledge of the fundamentals of project management, and experience with creating and managing project plans, including budgeting and resource allocation
- Understanding of CIA triad, OSI model, DOS/DDOS, DNS, load balancing and DHCP security challenges. Familiarity with network visibility tools including but not limited to SolarWinds
- In-depth knowledge of a variety of security and risk based assessments and technologies such as business impact assessments, PCI compliance, Privacy Impact Assessments, threat risk and vulnerability assessments, Knowledge of network infrastructure, including routers, switches, firewalls, and the associated network protocols and concepts
- Certification in the following: International Organization for Standardization (ISO) 2700x, ITIL, CompTIA, Certified Information System Security Professional (CISSP) or equivalent.

Why work for Marine Atlantic?

As part of the Marine Atlantic team, you will participate in a variety of ongoing training programs and development opportunities to navigate your career and chart your course for success. We provide a positive and inclusive work culture that is dedicated to creating an environment which promotes employee growth, career development, and job satisfaction. Some benefits of working with Marine Atlantic include competitive salaries, defined benefit pension plan, comprehensive health benefit packages, and professional development opportunities. Come experience the pride of working with an organization with newly constructed and revitalized infrastructure that has positioned itself for the future.

How do I become a part of the team?

Simply click 'apply online' below to submit your cover letter, resume, and application **before 4 pm (Atlantic Time) on 27 April, 2018**

www.marineatlantic.ca/hiringnow

For your application to be considered, all questions must be completed.

Important Messages:

Marine Atlantic is a Federal Crown Corporation that provides a vital ferry service link between Newfoundland and Labrador and mainland Canada

Marine Atlantic Inc. is committed to Employment Equity and Diversity and invites applications from Women, Aboriginal People, Persons with Disabilities, and Visible Minorities.

To receive this job poster in an alternative format, please contact the Marine Atlantic Human Resources Department.

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