

SIEMENS

**British Columbia
CYBER SECURITY Landscape
Ports, Terminals and Mines**



Table of Content

01	Executive Summary 03
02	Ports and Terminals 04
03	Mining 41
04	Bibliography132



Executive Summary

The Ports & Terminals and Mining report was prepared by PrismTeck Inc. through thorough research. The research process spanned three months and involved gathering data from various sources, such as online. The report covers ports and terminals in Canada and Mining companies in Canada and abroad where mining operations are conducted, impacting Canada's economy.

Siemens Canada has recently introduced its Cybersecurity business division and has major plans of investment across Canada, specifically BC. Considering this, initial market research on BC's target market was required, and that is where PrismTeck

highlighted major revenue sectors and suggested Siemens to target those.

The research initially focused on identifying the Ports & Terminals, and Mines across Canada and other regions. Information about these Establishments, including descriptions, ongoing projects, cybersecurity measures, and future plans for digitisation, was extracted from their respective websites and news sources. Additionally, the report covers relevant contacts from each port, terminal and mine – including information about their email addresses, phone numbers, and LinkedIn profiles. The collected data was then compiled into a structured report format, providing valuable insights into the Ports & Terminals and Mining industry.

An aerial photograph of a city and port area, likely Vancouver, with a network of glowing blue nodes and lines overlaid on the image. The nodes are connected by thin lines, creating a web-like pattern across the sky and city. The city below is densely packed with buildings, and a large body of water is visible in the foreground with a few ships. The overall tone is dark blue and futuristic.

Ports and Terminals

Canada's ports and terminals are vital to the country's economy, contributing significantly to revenue and employment. Key ports, including Port of Vancouver, Port Alberni, Port of Prince Rupert, and Nanaimo Port, along with various terminals, play a crucial role. In 2020, they handled over 340 million tonnes of cargo, engaging in trade with 170 countries, resulting in billions of dollars in economic output and supporting numerous jobs.

The port authorities contribute around \$53 billion in economic output and \$25 billion in GDP annually, generating approximately \$2.1 billion in tax revenue for the government. They directly employ around 71,000 individuals, with an additional 90,000 jobs in supporting industries and 53,000 induced jobs through employee spending. Moreover, they also play a significant role in the cruise sector, generating over \$4 billion in revenue for the economy.



Port Alberni Port Authority



Location	Website	Revenue	No. of Employees
2750 Harbor Rd, Port Alberni, BC V9Y 7X2, Canada	https://papa-appa.ca/	\$29.6 million	51 to 200

About

The port was founded in 1947 and was regulated by the Harbor Commission’s Act of 1964 as a Harbor Commission. Port Alberni Harbor is the closest deep-sea port to the Pacific Rim and one of the best deep-sea inland harbors on the North American continent. The Alberni Inlet is easily navigable by vessels up to and including Panamax size. To the extent that these activities are specified in the Alberni Port Authority Letters Patent, the Port Alberni Port Authority is responsible for day-to-day operations of the harbor and the long-term development and improvement of waterfront facilities, including recreational marinas and secondary industries.

Cybersecurity

Port Alberni Port Authority has led a few cybersecurity programs, including regular risk assessments, employee training, and security technologies to detect and prevent cyber threats. Port Alberni Port Authority also works closely with other port stakeholders, including government agencies and private companies, to share information and coordinate cybersecurity efforts.

Services

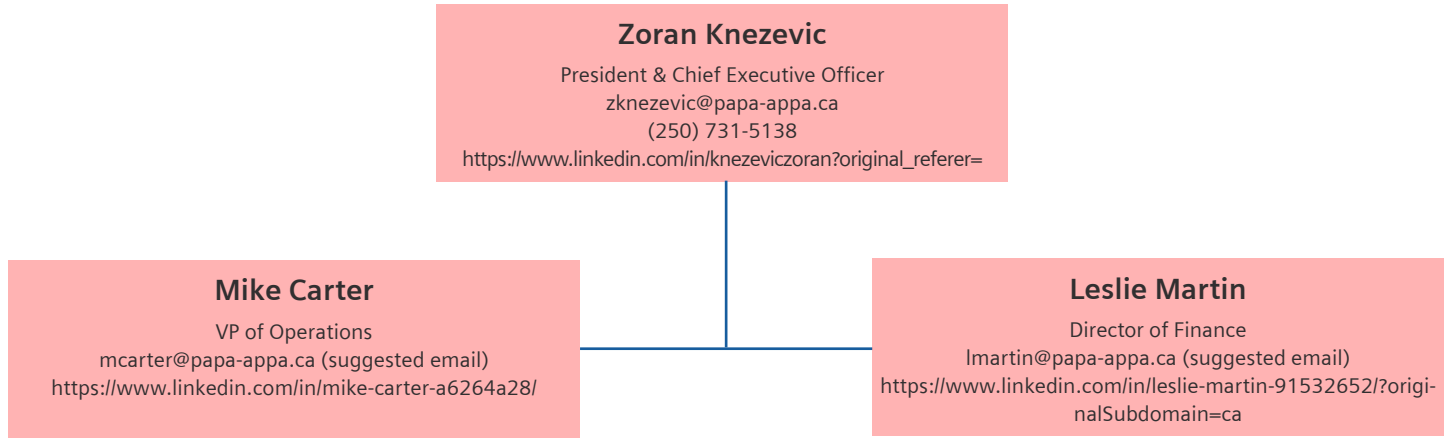
Their primary export is of Forest Products. They also lease land to many businesses and private ventures and offer rental support for small-scale businesses. Additionally, they operate six successful Marinas on behalf of Small Craft Harbours.

Projects

The Port Alberni Port Authority is pursuing a strategic opportunity to develop a new container trans-shipment hub in the Alberni Inlet to enhance various economic, environmental and sustainable practices. PATH’s aim is to facilitate trade and support economic growth in Canada by opening opportunities for various businesses such as warehouses, biotech, LNG export, seaplane services and private-sector fuel companies.

Once fully automated, PATH could help create 288,720 full-time jobs. It aims to be Canada’s largest and most modern container terminal and promises to help various businesses by offering them incentives. These incentives will surely include the authority’s support, adequate security, and the latest technologies.

Contacts of Port



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Thank You



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