

# BorderSHIELD™



*Being able to secure a border effectively, even in the most difficult of environments and security challenges, can save lives and enhance public confidence .*

## ***Border Security;***

A border is not only a critical component of a country's infrastructure it is the front line of a nation's precious sovereignty.

To protect a population a nation must first protect and safeguard its borders from security threats and environmental challenges.

A nation's prosperity depends not only having a secure border, but also on having an accurate, efficient and affordable border system that can stop what is unauthorized and welcome what is authorized.

General Dynamics Mission Systems—Canada is your border security partner offering **BorderSHIELD** as a fully integrated network solution that gives national authorities and their security personnel the awareness, accuracy and the information they need to protect their country and its future.

**A COMPLETE AND SECURE PLATFORM THAT HAS THE ABILITY TO LEVERAGE EXISTING TECHNOLOGIES TO INCORPORATE LEGACY AND FRAGMENTED SYSTEMS INTO A MORE ACCURATE, AWARE, INTEGRATED AND EFFECTIVE BORDER SECURITY SYSTEM.**

**GENERAL DYNAMICS**  
Mission Systems



Whether the threats and challenges to a border are criminal, military, or migrant based, having accurate information and intelligence from many sources at the right place at the right time will give decision makers the awareness they need to respond.

**BorderSHIELD** provides the secure integration of mission critical sensor and security information into a common operating and communications platform to prevent or deal with any threat, anywhere.

### **Border Operations**

- Anticipate, Scan, Listen, and Observe (Border guard watching a display monitor, surveillance video screen shot)
- Locate, Identify, Track and Warn (Control room display with data and telemetry)
- Monitor, Analyze, Decide and Act (Border Guards holding their smart devices getting instructions)
- Process, Interdict and Defend (Border Guards stopping goods or people)





# BorderSHIELD



**BorderSHIELD** is a robust, secure and fully integrated border solution from General Dynamics Mission Systems–Canada that will allow the safe flow of people and goods with the ability to deny those that try to threaten a nation's sovereignty.

**BorderSHIELD** provides border security forces and command elements with the ability to track and locate threats accurately and reliably in any terrain, or weather conditions, along the entire border system using multiple sensors.

**BorderSHIELD** is able to actively and remotely process migrants with travel documents or bio references as needed for a fixed border or temporary boarder situations.

**BorderSHIELD** platform is designed to leverage and evolve based upon industry advancements and capabilities. The solution is designed to be vendor agnostic and completely open standards giving the border security authorities full control of the equipment, capability's, supply chain for each and every terrain topology.



# OPERATIONAL AWARENESS THROUGH PERSISTENT SURVEILLANCE AND DEDICATED SECURE COMMUNICATIONS

Border security forces need accurate surveillance, information and intelligence to make rapid decisions and reduce threat response times. In many cases border operations are hampered by fragmented systems, disjointed communication networks and incompatible sensors and systems.

General Dynamics Mission Systems—Canada can overcome these challenges without having to rebuild the border system. By connecting and displaying all the critical elements of a border operation into a seamless and secure data fusion display, we can provide decision makers with the enhanced situational awareness they need to operate more effectively.

**BorderSHIELD** is the solution that can bring all these border actions into one fused user friendly operation. The solution offers not only affordable reliability, but scalability to adjust to new threats and to adapt to environmental changes.

**BorderSHIELD** allows existing workflows and surveillance routines to be 'plugged' into the platform and simulated. These simulations can be based upon time of the year and day to identify gaps in current operations or sensory coverage.



# IMAGINE

Having an internationally trusted long-term security partner that can enhance a border network by integrating new, commercially available, systems and sensors with existing equipment integrated for compatibility and optimized for rapid decision making to save time and money while continually enhancing security.

**BorderSHIELD** is more than a solution: it is a security partnership with a company that has a global reputation to take on multi-year projects of strategic national significance, scope and scale, and deliver cost-effective, mission-critical defence and security systems. With General Dynamics Mission Systems – Canada you are never alone and always aware.





# WHAT IS BorderSHIELD?

**The border solution that creates assured connectivity between sensors and the core using a secure reliable network adapted to the surroundings and the mission.**

## **BorderSHIELD - Attributes**

- **A modular design for security and reliability**
- **Plug n Play features for a Scalable Capability**
- **Open Architecture that is Designed to Evolve at the speed of industry**
- **Proven Sensors to ensure connectivity and continuity**

## **BorderSHIELD – End-to-end Integration**

General Dynamics Mission Systems–Canada has the global reach and track record of trust to deliver end-to-end integration using the best of breed in terms of capability for a reliable and affordable solution that is built around the customer's highest priority needs.

The embeded simulation capabilities enable the authorities to fine tune their resources as the nature of the border security operation changes. The cost to make changes to the workflows can be continually reduced, and the time to implement the changes can be kept to a minimum. This way General Dynamics ensures the system always remains current and optimised to protect a border.





# PROTECTING A NATION'S SOVEREIGNTY

The public depends on its government to ensure its borders are secure. Border security forces need a reliable and integrated border security system that has the awareness and the information they need to protect their nation. And governments need an affordable and secure border solution that can meet all these requirements.

General Dynamics Mission Systems—Canada is the border security partner to meet these requirements and **BorderSHIELD** is the solution that will help safeguard a nation's sovereignty.





# WORKING WITH A TRUSTED PARTNER

General Dynamics Mission Systems–Canada is recognized as a world class systems integrator and security partner, with a long history of defence and security solutions.

The **BorderSHIELD** solution has been engineered to adapt to any security requirement, terrain, or environment with the ability to integrate new systems and sensors with existing equipment for affordability.

General Dynamics Mission Systems–Canada flexible business models enables us to find the best partnership in-country with leading international providers to create the integration needed for a secure and reliable border operation.

General Dynamics Mission System–Canada is committed to forming long term partnerships with its global customers to customize and integrate new and existing systems into one **BorderSHIELD** solution.

Get **BorderSHIELD**

Find out how the General Dynamics Mission Systems–Canada's **BorderSHIELD** solution can enhance your border operation and safeguard your nation's sovereignty

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