



Infrastructure SHIELDTM

Securing Critical Infrastructure

Every nation has something to protect; a port, a government communications facility, or a power plant. As threats grow more complex, finding the right security solution is critical to public safety and a nation's future.

Disruptions of critical infrastructure could result in loss of life, adverse economic effects, and significant harm to public confidence.

To secure critical infrastructure effectively involves more than just protecting the site, it requires a system that can provide greater awareness of potential threats with the ability to not only secure the operation, but also improve its efficiency.

**A TURNKEY AND SECURE SOLUTION THAT HAS THE ABILITY TO
INTEGRATE EXISTING SECURITY SYSTEMS INTO A MORE
ACCURATE AND STREAMLINED OPERATION**

GENERAL DYNAMICS
Mission Systems

Critical infrastructure owners and operators recognize that domestic and global threats continue to grow in complexity as criminal and terrorist organizations use technology to threaten even the most closely guarded assets. To protect these critical facilities and streamline operations requires accurate information and user friendly controls delivered at the right place and at the right time to give decision makers the awareness and ability to safeguard the operation.

InfrastructureSHIELD, provides the secure integration of mission critical sensor and security information into a common operating, communications and display system that delivers enhanced awareness and increased operational efficiency.



InfrastructureSHIELD



InfrastructureSHIELD: is a dedicated and fully integrated security solution from General Dynamics Mission Systems–Canada that offers enhanced security awareness with the ability to simultaneously protect and optimize critical infrastructure operations.

InfrastructureSHIELD: provides owners and security operators with a common operating picture to track and control access, as well as security personnel to safeguard and optimize critical operations.

InfrastructureSHIELD: integrates existing systems and sensors with commercial off the shelf equipment and technology to optimize security operations with an affordable turnkey solution built on General Dynamics Mission Systems–Canada's international reputation for delivery and commitment to in-country partnerships.

The background of the advertisement features a hand holding a smartphone, with a grid of security camera feeds visible behind it. In the upper left corner, there are coils of blue and yellow barbed wire. The overall theme is security and surveillance.

OPERATIONAL AWARENESS THROUGH PERSISTENT SURVEILANCE, DEDICATED SECURE COMMUNICATIONS AND RELIABLE ACCESS CONTROL

InfrastructureSHIELD is the solution that can bring all these security operations 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.

Imagine

Being able to enhance security for critical infrastructure by integrating new technology with commercially available systems and sensors integrated to ensure compatibility and operational efficiency.

InfrastructureSHIELD is more than a solution it is a security partnership with a company that has been building long term defence and security partnerships with nations and industry leaders for decades. With General Dynamics Mission Systems—Canada you are never alone and always aware.

ANALYZE AND ACT TO PROTECT

LOCATE, IDENTIFY, TRACK, WARN

MONITOR, PATROL, CONTROL

WHAT IS InfrastructureSHIELD?

The security solution that creates assured connectivity between sensors and the core using a secure reliable network adapted to the operation.

InfrastructureSHIELD - Attributes

- Modular design for security, scalability and enhanced incident and resource management
- Open architecture that has built in redundancy for assured availability
- Enhanced situation awareness using a Geographic Information System (GIS) engine and a fused data interface for an improved common operating picture
- Capable of third party systems and sensors integration via the IP Network and open interface Internet of Things (IoT)
- Flexible business logic for enhanced data correlation and automated response
- Assured protection management using predefined Infrastructure security levels



InfrastructureSHEILD — END TO END INTEGRATION

General Dynamics Mission Systems–Canada has the global reach and track record of a trusted integrator 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.

Security Operations

- Patrol, Monitor and Control
- Locate, Identify, Track and Warn of a Threat
- Analyze and Act to Protect and Optimize Operations



PROTECTING A NATION'S CRITICAL ASSETS

The public depends on its government to ensure its critical infrastructure is secure.

Owners and security operators need a reliable and integrated security system that has the awareness and the control they need to protect the personnel and the operation. And governments need an affordable and reliable security solution that can meet all of these requirements.

General Dynamics Mission Systems–Canada is the critical security partner to meet these requirements and is the solution that can help safeguard a nation's critical assets.



WORKING WITH A TRUSTED PARTNER

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

The **InfrastructureSHIELD** solution has been engineered to adapt to any security requirement or critical operation with the ability to integrate new systems and sensors with existing equipment for affordability and efficiency.

General Dynamics Mission Systems–Canada will work with in-country partners and leading international providers to create the integration needed for a secure and reliable critical infrastructure operation.

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

Get **InfrastructureSHIELD**

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

GENERAL DYNAMICS
Mission Systems

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