

# EmergencySHIELD™



## *Imagine this...*

...an earthquake has destroyed homes and communications leaving thousands stranded and a region isolated.

...an international relief effort is needed to deploy to a remote and potentially dangerous part of the world.

...a security operation is required to safeguard a population or a region from a violent criminal network.

*Being able to respond effectively to a major crisis or threat can help save lives and restore public confidence.*

**A TURNKEY, DEPLOYABLE AND SECURE SOLUTION FOR EFFECTIVE  
SECURITY AND EMERGENCY RESPONSE OPERATIONS**

**GENERAL DYNAMICS**  
Mission Systems

To respond quickly and effectively to an emergency requires specific communications capabilities. Whether it is a large flood or an evolving security situation such as an illicit trafficking operation, having a deployable and dedicated communications and coordination system can save lives and prevent threats from escalating.

**EmergencySHIELD** provides mission critical communications and a coordination capability to prevent or deal with a complex threat, or respond to a humanitarian crisis. Regardless of the situation, existing communications networks are often unreliable, destroyed, or simply not fast or secure enough to pass the information needed to be effective in the field.



# EmergencySHIELD



**EmergencySHIELD** is a robust and rapidly deployable capability from General Dynamics Mission Systems–Canada that will allow security personnel or relief workers to use a secure dedicated network in even the most difficult operating environments.

**EmergencySHIELD** provides responders and command elements with the ability to track and locate deployed personnel, as well as share critical information, including constant voice, digital imagery and data on secure smart devices that are designed to coordinate and control operations with user friendly applications.

**EmergencySHIELD** delivers the right information at the right place and the right time so that users and command elements are never alone and are always aware. It can support multiple users from multiple organizations and even countries to provide a coordination and safety function that will enhance the effectiveness of even the largest international security or relief effort.

# DEPLOYED EASILY, ACTIVATED QUICKLY

When a security team or humanitarian relief effort deploys to a threat or crisis, one of the critical functions that is required before assessment, protection, or assistance is possible is the establishment of a reliable communications network.

Communications networks are established:

- Within a security or relief team
- With other teams and organizations
- With command elements

**EmergencySHIELD** can be activated in minutes. It offers not only reliability but scalability to give security and relief personnel the ability to send vital information securely from the scene and the ability access to data and crucial applications to better coordinate their operation.

*Imagine...*

To be able to establish – in a matter of minutes – a persistent, versatile and accessible digital communications network anywhere that can rapidly share tracking data, video, and voice information to supplement existing communications systems.

**EmergencySHIELD** 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.



# PROTECTING THE PUBLIC IN ANY SITUATION

The public depends on its government to provide emergency services that can respond quickly to keep them safe and provide relief.

Emergency and security personnel need a reliable and integrated communications network they can deploy that has the information they need to perform their life saving mission rapidly and effectively.

And public safety and security officials need an affordable and secure solution that can meet all of these requirements.

General Dynamics Mission Systems—Canada is the emergency response partner to meet these requirements and **EmergencySHIELD** is the solution that will protect and save lives.



# WHAT IS EmergencySHIELD?

General Dynamics Mission Systems—Canada is offering a deployable, dedicated and secure broadband (LTE/4G) communications capability known as **EmergencySHIELD**.

**EmergencySHIELD** systems range from a deployable “suitcase” solution (hand carried) for local area coverage. This would be ideal for a security operation that is required to protect or disrupt a threat. It would also give a disaster relief team the ability to set up operations quickly in a remote area. These portable systems are scalable, with the ability to add and interconnect additional “suitcase” networks to support multiple groups over a wider area.



Larger versions of EmergencySHIELD can be towed behind a vehicle, known as the Cell on Wheels (COW). Or, the **EmergencySHIELD** system can be integrated into a rugged vehicle such as a Tactical Command Vehicle (NOMAD Global Communications Solutions).

Both versions offer more capability, including increased transmissions ranges and connectivity.

Both can be deployed by air, road or by sea with their own power supply and the ability to connect to larger networks giving deployed personnel full internet access on a private, secure, deployable high speed network.



# WORKING WITH A TRUSTED PARTNER

General Dynamics Mission Systems–Canada is recognized as a world class systems integrator, with a long history of solutions for supporting critical communications and operations.

The **EmergencySHIELD** solution has been engineered to deliver an innovative deployable communications and command system to enable emergency responders, and security forces worldwide.

General Dynamics Mission Systems–Canada selects best of class capabilities and integrates them into **EmergencySHIELD** to improve deployed operational effectiveness that will help protect and save lives.

General Dynamics Mission Systems–Canada is committed to forming long term partnerships with its global customers to customize and integrate **EmergencySHIELD's** deployable capabilities for either security or humanitarian assistance operations.

## Get **EmergencySHIELD**

Find out how the General Dynamics Mission Systems–Canada's **EmergencySHIELD** solution can enhance your deployed security or disaster relief operations.

## **GENERAL DYNAMICS** Mission Systems

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