

For True NG9-1-1 Choose GDIT

FACT SHEET

www.gdit.com/nextgen911



Reliability

General Dynamics Information Technology and our partners have proven past performance in NG9-1-1 projects. GDIT conducts continual testing and validation in our i3 integration lab. We have selected proven partners as part of our integrated solutions.

General Dynamics Information Technology (GDIT) delivers large-scale i3 compliant NG9-1-1 Core Services based on proven IT services, mission-critical support and enterprise solutions. The National Emergency Number Association's (NENA) vision of NG9-1-1 is an evolving, fully-functional, Next Generation 9-1-1 system updating the decades old legacy system to a modern IP communications platform designed for preferred methods of communication.

GDIT and our partners are passionate about industry standards and the continued development of the NENA i3 standards. Our decision to provide NG9-1-1 services to state and local governments was predicated in part on the NENA i3 standards reaching a stage where geospatial routing could be implemented.

GDIT provides a disciplined, standards-based approach to planning, designing, implementing, managing, monitoring, and maintaining complex solutions such as Emergency Services Internet Protocol Network (ESInet) services, NG9-1-1 Core Services, and Hosted PSAP solutions, to support the current and future goals of NG9-1-1 functionality.

Capabilities

- ✓ NGCS Emergency Call Routing Function (ECRF)
- ✓ NGCS Location Validation Function (LVF)
- ✓ NGCS Location Database (LDB)
- ✓ NGCS Master Street Address Guide (MSAG) Conversion Service (MCS)
- ✓ NGCS connectivity to Mobile Positioning Center / VoIP Positioning Center (MPC/VPC) and ingress aggregation services
- ✓ NGCS connectivity to Text Control Center
- ✓ Proactive integrated security and performance monitoring
- ✓ Operations and sustainment
- ✓ Managed WAN for emergency services

GDIT's vision and proposed solution is about enabling emergency service agencies to harness IP communication capabilities to improve communication and support for citizen emergencies. The true vision of NG9-1-1 is a constantly evolving, dynamic series of current states that stay in sync with the public's common modes of communicating emergencies and the collection of associated metadata at any given point in time.

One of the key precepts behind improved outcomes is the agencies' ability to collaborate with one another as the nature and location of an emergency, whether actual or predicted, changes. This is achieved through interoperable systems that allow rich conferencing and transfer capabilities without the loss of any data already associated with an incident. Interoperability is made possible through the rigorous adoption and adherence to industry standards.

- GDIT "Standards Vision," maintaining standards compliance
- Designed to ensure a secure and defensible architecture
- Pre-Integration Environment (PIE) Laboratory
- Assist 9-1-1 organizations to accelerate the replacement of legacy systems
- Support NG9-1-1 migration that best meets customer funding model and preference either NGCS-as-a-Service or NGCS as a dedicated solution

About General Dynamics Information Technology

As a trusted systems integrator for more than 50 years, General Dynamics Information Technology provides information technology (IT), systems engineering, professional services and simulation and training to customers in the defense, federal civilian government, health, homeland security, intelligence, state and local government and commercial sectors. Headquartered in Fairfax, Va., with major offices worldwide, the company delivers IT enterprise solutions, manages large-scale, mission-critical IT programs and provides mission support services. General Dynamics Information Technology is one of two business units that comprises the General Dynamics Information Systems and Technology business group.

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