Turnkey Solutions for Today’s Large-Scale Networks

Government and business enterprises turn to General Dynamics Information Technology for their complex network challenges. From meeting the demanding life-cycle requirements of the defense and intelligence communities … to rapidly deploying wireless systems for telecommunications carriers … to serving the growing communications needs of homeland security and public safety … to modernizing enterprise infrastructure for military facilities worldwide, we supply advanced network systems integration solutions driven by in-depth mission and enterprise experience.

Bringing together all of the elements to provide strong networks, we align innovative technology with robust security and real-world customer and domain knowledge. You gain the technical leadership of a company that has designed and implemented some of the world’s most complex and secure data, voice and multimedia networks. Plus, we employ proven program management processes and best practices to meet your quality, schedule and budget requirements.

Any Mission, Any Enterprise

At General Dynamics Information Technology, we apply the insights learned from more than 50 years of experience designing, integrating and maintaining turnkey systems and networks. Our customers include the armed services and joint commands, defense and intelligence agencies, civilian government, homeland security, public safety and commercial enterprises.

Full Life-Cycle Capabilities

Adding value to every phase of network systems integration, our life-cycle services include:

- Wireline and wireless infrastructure modernization
- Unified communications
- Site evaluation, acquisition and activation
- Network design and integration (global to local)
- Network security
- Data and command center integration
- RF engineering and spectrum management
- Voice switching systems
- Network construction management
- Inside/outside plant network installation
- Logistics management
- Network operations and maintenance
- Program management
- Vendor management
- Performance analysis and optimization

Meeting complex technical and security challenges for large-scale data, voice and multimedia networks.

General Dynamics Information Technology integrates network systems at every level, from WAN to workstation.
Network Life-Cycle Solutions

- Strategy and Planning
- Design and Development
- Integration and Deployment
- Security Management
- Operations and Optimization
- Maintenance and Upgrades
- Infrastructure Modernization
Spanning the Network Infrastructure

General Dynamics Information Technology provides a comprehensive resource for meeting the entire life-cycle of your network requirements. Our end-to-end capabilities support rapidly changing mission and enterprise goals at any level of network scale or complexity – from individual facilities and campuses to state, national and global infrastructures.

Complete Solutions, Optimum Performance

Customers rely on us as a full-service partner. Together, we plan and design complete network solutions for strategic and tactical needs. These solutions may range from individual network systems and applications to large-scale modernization programs.

With a completed design in place, we integrate and deploy these network solutions anywhere they are needed – often under the demanding schedules of remote military operations or highly competitive business environments.

Your network is only as good as the performance it delivers. Based on our extensive track record, we can operate and maintain your enterprise infrastructure at the application, LAN, MAN and WAN levels. Our professionals cover every need. We configure and test all systems, administer systems operation, monitor availability and manage network security. Proven help desk capabilities support end users at any time. Performance analysis and optimization ensure maximum cost-effectiveness. And to keep your network at peak performance, we conduct routine maintenance, repairs and upgrades – at the level of service that’s right for your operation.

The Best Technology

Teamed with the industry’s best technology suppliers, we deliver solutions that cost-effectively apply today’s leading edge capabilities to your requirements. We offer world-class expertise in all wireless and wireline technologies, providing unified communications that converge voice, data, video and interactive media. Increasingly focused on wireless, our expertise includes cellular, broadband, land mobile radio (LMR), CDMA, GSM, UMTS, microwave, satellite and more.

Flexible Contract Vehicles

General Dynamics Information Technology supplies solutions and services through GSA Schedules, Government-Wide Acquisition Contracts (GWACs), agency contracts and blanket purchase agreements. These include: GSA Schedule 70, Information Technology • MOBIS • ANSWER • Connections • EAGLE • IMCEN • IMOD • ITES-2S • ITSS-3 • Millennia Lite (Functional Areas 1-4) • NETCENTS • TIPSS-3 • Professional Engineering Services • Environmental Advisory Services • Logistics Worldwide (LOGWORLD) • Seaport-e • DESP II • CIO-SP2.

Experienced program management and construction specialists meet demanding schedules in complex environments.

Our solutions bring the most advanced network technologies and services to customers worldwide.
Connecting the World: from Intel Warnings to War Fighting

Superb past performance is a hallmark of General Dynamics Information Technology. Proven experience ensures secure, reliable networks for defense and intelligence requirements, plus the interoperability, functionality and security to support joint operations and coalition partners.

**Department of Defense (DoD).** For the Pentagon Renovation program, we have led the modernization of the Pentagon’s information technology (IT) and communications infrastructure for years. The program migrates Pentagon tenant agencies to a unified communications environment that delivers highly reliable, virtualized services to DoD agencies, the armed services and joint commands. Providing the most advanced security and survivability, our network integration solutions include data and command centers, video teleconferencing and voice, video and data convergence. System, network and physical plant optimization raises efficiency. Through expert program management, our team has coordinated scores of contractors and smoothed the transition for more than 30,000 users.

**U.S. Army.** Through the Installation, Information, Infrastructure Modernization Program (I3MP), we help Army facilities around the world modernize their communications systems with advanced wireline and wireless technologies. This includes the high bandwidth backbones we’re deploying for Fort Carson and Fort Hood, which converge voice and data traffic onto a common transport system.

**U.S. Navy.** Through the Base Level Information Infrastructure program (BLII), we help Navy bases conduct critical upgrades. In addition, our systems services support the Navy Marine Corps Intranet program.

**U.S. Air Force.** One of eight prime contractors for the Network-Centric Solutions (NETCENTS) contract, we provide interoperable networking solutions and services that help achieve military transformation. Supporting the Air Force locally and globally, our specialists have designed and implemented Combat Information Transport System metropolitan area networks at 75 sites. We lead the team designing and installing the Air Force’s 2nd Generation Wireless LAN systems at 94 bases worldwide.

**Intelligence Community.** For over four decades, General Dynamics Information Technology has supplied the Intelligence Community with the mission-critical support to keep its networks running – and critical information flowing – non-stop. We provide full life-cycle integration and support for the Joint Worldwide Information Communications Systems (JWICS), optimizing system performance and functionality. Through the ICE2 contract, the DoD Intelligence Information Systems (DoDIIS) community relies on us to ensure the operational readiness of data communications equipment for command, control and intelligence.

The defense and intelligence communities rely on us for high reliability, high security networks.
Connecting the World: 
from Public Service to Public Safety

**Homeland Security.** General Dynamics C4 Systems is the prime contractor for the Rescue 21 system. Rescue 21 is a fully integrated, command, control and communications system that is replacing the U.S. Coast Guard’s legacy National Distress and Response System. As a major subcontractor, General Dynamics Information Technology is responsible for Rescue 21 installation on more than 200 remote fixed facilities. Since 1997, our company has provided complete life-cycle development and support of the National Emergency Management Information System (NEMIS), which automates critical response and recovery processes for the Federal Emergency Management Agency. U.S. Citizenship and Immigration Services locations nationwide rely on us for Technology Operations and Management Infrastructure Support (TOMIS) services.

General Dynamics C4 Systems is the prime systems integrator for the Integrated Wireless Network (IWN), a joint program to provide a broad range of wireless communication services to agents within the Departments of Justice, Homeland Security and the Treasury. General Dynamics recently began initial program management and planning contract activities on this nationwide program. General Dynamics Information Technology will be managing the IWN radio access network design, and radio and microwave site development and implementation nationwide as a major subcontractor.

**Public Safety.** From interoperability challenges to providing spectrum management and rebanding, General Dynamics Information Technology delivers secure wireless solutions to public safety agencies. We developed a turnkey, wide-area LMR system that links over 50 civilian public safety agencies and 10 U.S. Army bases in the National Capital region. Further up the East Coast, we integrated a versatile, scalable system for the New York State Wireless Network – and a blended conventional and trunked LMR system for the Port Authority of New York and New Jersey.

**Civilian Government.** General Dynamics Information Technology meets the network needs of civilian organizations throughout federal, state and local government. Our professionals provide network engineering, security and support to the U.S. Patent and Trademark Office. The Federal Bureau of Investigation relies on us for IT management services. Our specialists have also supplied converged network infrastructures for large government facilities and buildings.

**Commercial.** Delivering advanced functionality and fast time-to-market, we integrate turnkey wireless networks and infrastructure for major commercial firms, such as AT&T Mobility and Verizon. We have deployed or upgraded over 15,000 commercial sites worldwide. For major oil and gas companies, we have integrated infrastructures ranging from command centers to complete telecommunications networks.

*Applying secure wireless solutions to take government services to new levels of effectiveness and efficiency.*

Wherever citizens depend on their government, our networks are at work.
Integrating All the Elements

General Dynamics Information Technology combines all the elements to deliver the most effective networks for your goals – while minimizing risk.

Proven Program Management
Applying decades of network systems experience, we seamlessly coordinate people, processes, resources and vendors to meet and surpass your requirements on time and within budget. Best practices such as Lean Six Sigma, as well as ISO 9001:2000 certification, ensure quality and program management excellence. We have also enhanced repeatable quality by incorporating lessons learned as they happen.

Rapid Results Anywhere You Operate
Through our global presence, accelerated program management and delivery, advanced network engineering facilities and diverse experience, we can rapidly respond to your requirements anywhere in the world. From active military operations to emergency communications during disasters to the time-to-market demands of commercial wireless providers, we’re uniquely positioned to meet tough development and deployment schedules anywhere your mission takes you.

Formidable Network Security
General Dynamics Information Technology provides any level of network security you may require. We ensure protected, resilient network infrastructures. And because of our experience with highly sensitive networks, we can meet the highest levels of security for voice, data and video sent over military, national intelligence and public safety networks – both wired and wireless.

The Full Strength of General Dynamics
Our network customers gain another advantage – our ability to leverage the corporate strengths of General Dynamics. We have access to functional experts who build the ships and platforms that will use your network, and we may develop the information systems your network must support. With this access to domain expertise, we can bring unsurpassed technical depth and understanding to your project. And because of our long-term financial stability, you can count on General Dynamics Information Technology for continuing support year after year.

Strong solutions backed by one of the world’s strongest companies. Learn about our trusted network systems integration solutions today.

www.gdit.com
We deliver the network solution you need – now.