GNS

GLOBAL NETWORK SYSTEMS

™

Corporate Capabilities And Solutions

GLOBAL NETWORK SYSTEMS, INC. (GNS)

1 RESEARCH COURT, SUITE 340
ROCKVILLE, MD 20850
301-921-4GNS
301-921-4467

www.gns-us.com
info@gns-us.com

Inc.5000

WASHINGTON
TECHNOLOGY
FAST
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Global Network Systems of Maryland, Inc. (GNS, Inc.) was established in 1998 and incorporated in 2000. In 2008, GNS was ranked 849 on the Inc. 5,000 List.

GNS' niche and core competency is Information Assurance services followed by OCIO level management support.

We have over 10 years expertise in Government information technology projects.

GNS also has: the Highest Rating from DUN & Bradstreet

Strong Financial Stability

92% staff retention rate

Top Secret clearance

Over 90% cleared staff

A security and network-based computing services company that specializes in leveraging technology to improve business productivity for government and commercial clients worldwide since 1998.

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Company
Mission

Our mission is to contribute to our clients' success by ensuring their information systems are secure and productive and to achieve the optimal level of security and productivity in a cost-effective manner.

GNS, is committed to building long-term relationships. We believe in providing quality services and focusing on our tasks until the client is 100% satisfied.

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Core Capabilities

Information Assurance

Certification and Accreditation (C&A)

Continuity of Operation Planning (COOP)

Security Assessment and Security Awareness Training

Automated Antivirus Solutions

IT Auditing and System Compliance Review

Disaster Recovery Solutions

Computer Incident Response Team (CIRT)

Penetration and Vulnerability Testing

Independent Verification and Validation (IV&V)

Quality Assurance (Q&A)

Federal Information Security Management Act (FISMA)

E-Solutions

Web Security and Monitoring

E-Commerce

Internet/Intranet/Extranet Design and Development

Network-Based Solutions

Help Desk and End-User Support

Network Operations Support

Network Design and Engineering

Installation/Integration

Migration from Legacy Systems

Infrastructure Implementation and Support Cabling

IT Training with Certified Instructors

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GNS can assist in developing standards and guidelines, make recommendations, research and conduct studies to determine the nature and extent of vulnerabilities, and devise techniques for Federal computer systems to assure the cost-effective security and privacy of sensitive information.

Our Security Services team is ready and available to provide government agencies with advice and assistance on how to assess the current state of security of their network versus their business objectives.

Our experienced professional IT consultants comprise CCSE, MSCE, SSCP, CCNP, ISSO, MCP, CNE, CISSP and are ready to assist our clients with all their security needs to ensure they are secure and in compliance with laws and regulations.

Security Architecture and Management

- Risk management including threat, vulnerability and critical assessments

- Develop an integrated plan including security organization, policies, standards and procedures to protect information assets

- Develop technical, procedural and administrative controls using standards and best practices

- Create specific policies for email and internet usage, firewall and antivirus software, data protection and backup, and application development

- Incident and emergency response procedures

- Support CIRT/CERT activities

Network Security

- Vulnerability and intrusion detection assessment using powerful scanners like Qualysguard, Internet Security System, Cisco Scanner (Authorized Cisco Reseller, Nessus)

- Local and wide area network security (LAN/WAN): firewalls, intrusion detection, routers and switches, protocol analysis and encryption

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- Web server (Apache) and DNS security, DMZ configuration

- Unix (Tripwire), Windows 2000, mainframe security reviews (ACF2)

- Network management systems for total control of network environment

Application Security

- Security review of critical applications (e.g. financial, medical, management)

- Design controls for data integrity: input/process/output controls

- Pre-implementation reviews: application development and programming controls using the SDLC approach

Information Technology (IT) Auditing

- Risk to and control of systems, networks and applications

- Technical audit and review of confidentiality, integrity, and availability controls

- Compliance with government regulations

- Flowcharting of network data using MS Visio

Access Control

- Develop policies and procedures for authorization, authentication and auditing (AAA)

Security Awareness and Training

- To ensure our clients are in compliance with the Computer Security Act of 1987, develop training programs which provide mandatory periodic computer security training for all employees who are involved with the management, use, or operation of Federal computer systems

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- Password management for administrators and users

- Access controls for network infrastructure – routers, switches and servers

- PKI, LDAP and NDS access control systems

Disaster Recovery &Continuity of Operations Planning (COOP)

- System and network design to ensure high availability, fault tolerance and redundancy

- All inclusive planning: hardware, software, infrastructure and staff

- Back up and recovery systems and prioritization of systems

- Incident and emergency response planning

Temporary Chief Security Officer (CISO/CSO) Service

- Strategies for IT security, control and audit

- Assessment and selection of security vendors, technology and products

- Liaison to management for security operations, risk management and IT audits

- Project management for security technology implementation

(IT) Security Certification and Accreditation

- Accreditation Process

- Systems Security Authorization

- Certification Authority

- Implementation

- Validation, post-accreditation

GNS' design and development for web content management enables safe networking and E-Business. Our e-solutions include a detailed timeline of project planning, systems analysis and requirements definition. We refine project goals into defined functions and operation of the intended application while analyzing end-user information needs. We also perform systems design, describing desired features and operations in detail, including screen layouts, process diagrams and other documentation.

GNS carefully executes the phases of implementation, integration and testing then completes the acceptance, installation and deployment We have highly skilled, knowledgeable and experienced analysts who maintain the operational website.

Project Planning

Systems Analysis

Requirements Definition

System Design

Implementation

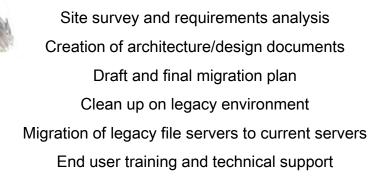Integration

Testing

Acceptance

Installation

Deployment

Maintenance

GNS also provides planning, analysis, design, development and training support for the migration of government sites from the legacy network environment to the new network environment covering over multiple field offices and users nationwide.

Site survey and requirements analysis

Creation of architecture/design documents

Draft and final migration plan

Clean up on legacy environment

Migration of legacy file servers to current servers

End user training and technical support

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Contracting
Vehicles

GSA
Schedule holder
Contract GS-35F-0582M

TIPPS-3

CEOss

GSA
VETS

AXISS

SEAPORTe

ITES-2S

PEO STRI STOC II

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Government Clients
Past & Present

U.S. Department of Commerce

U.S. Securities and Exchange Commission

U.S. Department of Energy

U.S. Department of Treasury

National Oceanic and Atmospheric Administration

Bureau of Economic Analysis

U.S. Department of Agriculture

NIST

U.S. Department Health and Human Resources

D.C. Lottery Board Advisory

U.S. National Security Agency

U.S. Marine Corp

U.S. Central Command

INC 5000 Award 2007 & 2008

"Outstanding" Rating by GSA Award 2007

Washington Technology's FAST 50 Award 2006

Nominated for the Best Small Contractor
of the year award at USDA

Nominated for the Best Small Business
of the Year by SBA

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GNS has consistently provided highly qualified contractors to each contract task. The contractors provided by GNS are well trained and have excellent experience. The GNS contractors quickly integrated themselves into the Commerce environment and quickly became very productive. I have found the GNS management team to be extremely responsive to the needs of Commerce and have always worked diligently to exceed our expectations.

William Lay

Associate Deputy CIO, U.S. Department of Energy

When we need information technology products or services to complete our mission in a hurry, we look to Global Network Systems because they are responsive, honest and highly professional. They are focused and produce high quality deliverables at a fair price.

John Ogungbemi

Project Manager, DC Lottery Board

GNS engineers have proven themselves as reliable support staff, hard workers, and talented individuals. The are extremely cooperative and possess the capacity to contribute positively while working as part of a team

Michael Sheaver

Contracting Officer Technical Manager, USDA, NRCS

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U.S. Department of Commerce

GNS supports the Office of the Secretary/OCIO and Operating Unites (OUs) in the review and analysis of IT security policy, system documentation and security program management issues for unclassified and classified systems, networks and applications. GNS develops and/or reviews and assesses existing security plans, C&A packages and other security related tasks and documents throughout the enterprise life cycle. GNS also assists with implementing and maintaining DOC-wide standards in line with applicable OMB, NIST, FISMA, and other government regulations and industry best practices. Additional activities include: CIRT support (incident reporting, tracking, handling); COOP; DR; penetration and vulnerability testing; security awareness training; specialized training; security operations center (SOC) implementation and integration.

U.S. Treasury Bureau of Engraving and Printing

GNS support the development, review and analysis of IT security policy, systems documentation and IT security management issues as well as C&A projects and compliance monitoring. Our on-site staff provides technical, analytical, and program management support to the Office of Critical Infrastructure and IT Security including: identifying policy and procedural gaps; recommending and documenting standards for implementing security controls; developing security test and evaluation (ST&E) plans; conduct ST&E testing, analysis, and reporting; continuously monitor industry security trends and report on services; administer and support security analysis, monitoring, and defense (IDS, IPS, firewalls, etc.); incident support and management including installing patches and upgrades; audit IBM Mainframe, LAN/WAN, and other systems; perform continuous monitoring to ensure security controls remain effective; and provide IT Contingency Plan Testing Support.

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U.S. Securities and Exchange Commission

GNS supports the SEC's IT security program in IA, C&A and FISMA compliance management and reporting efforts. Our staff reviews existing and draft legislation and standards, commercial best practices and report on potential impacts. We provide quarterly reports of the status of weaknesses tracked in the POA&M for FIPS 199 and discuss with system owners. Our staff collects metrics for the CIO dashboard tool to assist with analysis of efforts to mitigate identified weaknesses. GNS reviews and updates the SEC's five-year strategic security plan. We provide program-level support to the SEC staff assessing high-level security-related, IT security policies and procedures pursuant to OMB circulars. Our experts support the SEC Technical Manager with risk management including risk assessment of internal and external threats; risk-based security policies and procedures; and review of others' risks assessments.

U.S. Department of Energy

GNS supports the DOE OCIO management team overseeing the multi-million dollar A-76 program. We have established Independent Validation & Verification (IV&V) program technical, schedule and cost oversight and quality assurance compliance with the Federal Acquisition Regulation (FAR) 46.401(a), Office of Management and Budget (OMB) Circular A-130, the Government Accountability Office (GAC) Federal Information System Controls Audit Manual (FISCAM) and OMB Circular A-76 to support Business Guide Benchmarking Standards. As part of our support, GNS provides objective and knowledgeable analysis of IT security policy and systems documentation and management issues.

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Contact Us

Corporate Headquarters

1 Research Court

Suite 340

Rockville, MD 20850-6223

Business Development

Phone: 301.921.4467 ext. 222 or ext. 226

Email: sales@gns-us.com

Human Resources

Phone: 301.921 4467 ext. 225

Employee Inquiry: hr@gns-us.com

Employment Opportunity: hr@gns-us.com

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