



IT Solutions, Simplified !

Custom made IT solutions for Public Sector



Solutions Brochure

About New Tech Solutions

Founded in 1997, New Tech Solutions (NTS) is a minority-owned small business renowned as an IT system integrator and solution provider with a strong focus on the Public sector including Federal, State, Local, and Education markets. NTS has consistently ranked among the top 100 IT contractors for the public sector. NTS delivers advanced solutions in AI, cloud infrastructure, and cybersecurity, helping organizations accelerate digital transformation and achieve sustainable growth.

At NTS, we understand our customers' IT requirements and act as a comprehensive solution provider, offering a wide range of IT solutions from simple to complex needs. We partner with our customers to Assess, Design, Deploy, and Maintain throughout the IT lifecycle. Our qualified people, certified processes, compliant infrastructure, and strong partnerships ensures exceptional performance and customer satisfaction.

NTS: Federal Contracts(Prime)

Government Wide Acquisitions Contracts (GWAC)



Indefinite Delivery Indefinite Quantity (IDIQs)



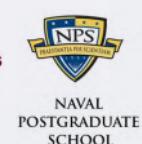
Blanket Purchase Agreements (BPAs)



GSA



NTS: Education Customers





AI Solutions

Our Expertise

NTS, with its team of experienced AI professionals, offers personalized engagement to help organizations harness the transformative power of Artificial Intelligence. Our experts work closely with you to identify opportunities where AI can deliver measurable business value. By combining advanced machine learning, predictive analytics, and automation capabilities, we enable organizations to optimize operations, enhance customer experiences, and gain a competitive edge. This is where our team excels—by offering tailored strategies to implement a next-generation AI roadmap that aligns with your business objectives.

Machine Learning & Predictive Analytics

We design and deploy models that analyze historical and real-time data to forecast trends, detect anomalies, and optimize resource allocation. Applications include demand forecasting for retail, predictive maintenance for manufacturing, and risk modeling for financial services.

Natural Language Processing (NLP)

Our NLP solutions enable intelligent text and speech-based applications such as chatbots, virtual assistants, and automated document processing. These tools improve customer engagement, streamline internal workflows, and enhance accessibility across multiple languages.

AI-Powered Automation

We implement robotic process automation (RPA) integrated with AI to handle repetitive tasks like invoice processing, HR onboarding, and IT service desk operations. This reduces operational costs, accelerates turnaround times, and frees up resources for strategic initiatives.

Computer Vision

Our computer vision solutions leverage image and video analytics for diverse use cases—security surveillance, defect detection in manufacturing, and advanced healthcare diagnostics. We help organizations improve quality control, safety, and operational efficiency.

AI for Cybersecurity

We deploy AI-driven threat detection and anomaly monitoring systems to strengthen your security posture, prevent breaches, and ensure compliance with regulatory standards.

AI Strategy & Consulting

Our consulting services help you build a comprehensive roadmap for AI adoption, covering platform selection, integration planning, compliance, and ROI analysis. We ensure your AI investments align with long-term business goals.

End-to-End AI Infrastructure Solutions

NTS delivers fully integrated AI infrastructure for high-performance workloads. Our solutions combine GPU-powered servers, HPC clusters, scalable storage, and high-speed networking with advanced liquid cooling and factory-integrated racks. Supported by validated AI software stacks like CUDA, PyTorch, and NVIDIA AI Enterprise, we ensure rapid deployment, maximum efficiency, and future-ready scalability.

Engagement Goals Include:

Understand existing processes and identify AI integration opportunities.

Leverage data for actionable insights and predictive capabilities.

Optimize workflows through intelligent automation and advanced analytics.

Ensure scalability and compliance for AI-driven solutions.

AI Solutions Technology Partners:





Cloud Solutions

Our Expertise

NTS with its team of experienced experts who offer personalized engagement to help clients develop suitable hybrid and public cloud solutions. Our team assists in identifying and prioritizing providers best suited to host your workloads. By combining public cloud capacity, high-performing network connectivity, and the option to co-locate legacy or proprietary hardware, we open up optimal possibilities. This is where our team excels – by offering various options to implement a next-generation IT strategy.

Cloud Storage and Disaster Recovery

By linking your on-site data center to a public cloud provider's storage pools or replication services, you can establish a robust and multi-layered data protection plan. Whether you aim for backup redundancy, primary off-site storage, or a new storage pool for a new application, our team will create a customized solution in collaboration with one of our various public cloud storage partners.

Desktop as a Service (DaaS)

Don't feel overwhelmed by the concept of mobile workforce computing solutions using VDI technology. We'll make it easier for you. Our team can assist you in identifying the most suitable platforms, methods, and implementation strategies to leverage the potential of hosted desktops for your users.

Unified Communications as a Service (UCaaS)

Any technology that has been adopted in the last twenty years is now outdated or will become so in the near future. An excellent illustration of this is the traditional PBX phone system. As businesses aim to upgrade their aging communication infrastructures, they quickly recognize that new methods of delivering telecommunication technology can improve employee productivity and user satisfaction. Our team specializing in cloud technology can assist you in this transition. Allow us to take the lead in evaluating and implementing a hosted UCaaS solution tailored to your specific requirements.

Infrastructure as a Service (IaaS) and Platform as a Service (PaaS)

Any company aiming for a full transition to the cloud or a new platform for their next application faces crucial choices. The journey begins with evaluating the SMAC stack (social, mobile, analytics, and cloud). Our team possesses extensive expertise in this domain and is ready to assist in navigating the variables that determine the best selection—the optimal architecture and the most suitable provider.

Connectivity

Creating and executing a connectivity plan that ensures sufficient bandwidth and backup to sustain your organization is quite a formidable undertaking. When you add the task of controlling expenses and efficiently managing the network interface, the challenge becomes even more significant.

Our team has assisted clients in designing resilient, cost-efficient networks, regardless of the scale or specific needs. Allow our expertise to benefit your organization.

Colocation

Colocation offers additional or alternative space for running your most crucial workloads. Our tier 3 colocation data center partners can provide high-quality data center capacity with managed services for your equipment. Looking for a better, safer, and more resilient environment? We can assist in locating the ideal facility in the right location to meet your requirements.

Cloud Solutions

Technology Partners:

Amazon Web Services (AWS)
Bitnami
Cloud Foundry
CloudBolt
Dell Technologies Cloud
DigitalOcean
Engine Yard
Google Cloud Platform
Hewlett Packard Enterprise (HPE) GreenLake
IBM Cloud
Interoute
Jelastic
Kubernetes (Google, Azure, AWS)
Linode
Microsoft Azure
OpenShift Online
Rackspace
Red Hat OpenShift
Salesforce
SAP Cloud Platform
UpCloud
VMware Cloud





Security Solutions

Our Expertise

Due to the constant changes in the global threat landscape, organizations are increasingly vulnerable to cyber-attacks and security breaches that are becoming more frequent and sophisticated. Our Security Practice provides solutions and services to mitigate the growing risk. Tailored to your organization's specific needs, environment, processes, and security objectives, our experts will offer guidance to implement appropriate solutions, safeguard against critical risks, and protect your operations. As an integral part of your IT team, we are dedicated to ensuring the secure and smooth operation of our nation's government.

Security Assessment and Audit

Our services for Security Assessment and Penetration Testing assist in determining the areas where resources should be concentrated to minimize overall risk. We aim to enhance your understanding of current real-world threats and their potential impact on your organization. A Penetration Test can reveal numerous vulnerabilities within any given environment, shedding light on which vulnerabilities are exploitable, which risks are critical and require immediate attention, and which issues need to be addressed gradually. Our team identifies and comprehends the existing vulnerabilities in your environment, and collaborates with you to devise a prioritized plan to mitigate the risk and align it with acceptable levels in line with compliance-based security requirements such as HIPAA, HITECH, ePHI, PCI, GLBA, and FISMA.

Security Suite Optimization

According to industry data, over 30% of software security solutions are obtained in bundles to assist in the consolidation and enforcement of security protocols. Essentially, when one system falls short, another one immediately takes over. As security often involves investments from various providers, we frequently encounter areas where coverage cannot be expanded and instances where the integration between vendors' products is less than optimal.

During this collaboration, our team collaborates with you to identify and record your security vulnerabilities. We highlight any deficiencies in security measures and advise you on the necessary actions to mitigate these risks.

We can assist in ensuring that whether you use one or multiple security providers, your system is set up appropriately to offer the necessary protection, visibility, and oversight for your organization, users, and data. The aim is to achieve a "Unified Security Stack" through consistent policy implementation, comprehensive coverage, and seamless security safeguards.

Security Governance, Risk, and Compliance

Developing and executing a thorough security management plan involves a series of steps. Initially, it's crucial to thoroughly grasp the security risks within your environment. Our specialists are ready to assist you in identifying and documenting all the necessary policies and controls. Subsequently, we will support the establishment of an ongoing process to ensure adherence to these policies over time. Leveraging our extensive experience and up-to-date knowledge of current threats, we aim to aid you in creating a well-documented, clearly defined security program from inception to execution.

Managed Security Services

Is your organization aware of its position regarding company policies and compliance controls at all times, day and night, every day of the year? Does your security infrastructure afford you the safeguarding, insight, and supervision needed to handle security incidents? Our Security Practice employs a tried-and-tested process and cutting-edge tools to continuously monitor and oversee your environment. Our team will offer you an accurate assessment of your risk and a strong basis for ongoing protection, detection, and response to today's complex and ever-changing security risks.

Security Solutions

Technology Partners:

Bitdefender
Carbon Black (VMware)
Check Point
Cisco Systems
CrowdStrike
Darktrace
FireEye
Fortinet
McAfee
Palo Alto Networks
Proofpoint
Qualys
Rapid7
SentinelOne
Symantec (Broadcom)
Tenable
Trend Micro
Zscaler





Converged Data Center Solutions

Our Expertise

NTS possesses skilled professionals and extensive experience in implementing a wide range of data center solutions for clients of various sizes in different industries. Our Converged Data Center Services simplify the adoption and implementation of the most advanced infrastructure technologies in the industry, ensuring the efficient and effective operation of data centers. By utilizing analytics, resources can be allocated and utilized to optimize workflows and workloads, effectively serving the organization at any given time. With optimization, the data center can achieve new levels of agility and flexibility across all areas, including servers, virtualization, and storage. We are in the era of the software-defined data center, and our team is capable of helping you realize the vision and reap the associated benefits.

Private and Hybrid Cloud

Your organization can transform its self-managed virtualized data center into a private cloud environment. This authentic private cloud is an evolution of traditional server virtualization, incorporating key cloud features such as compute resource pools, extensive data access, rapid scalability, self-service provisioning, and usage measurement. By combining this capability with an externally hosted cloud solution, organizations can access expanded resource pools for sudden surges in demand, proximity benefits, and cost advantages.

Converged Infrastructure

Cutting-edge server, storage, networking, and virtualization solutions are becoming the go-to choice for optimal performance and cost-effectiveness in managing today's challenging workloads. Allow our team to assist you in strategizing, integrating, and overseeing the deployment of one of these high-performance platforms to enhance your organization's operations.

Data Protection and Business Continuity

Safeguard your operations and users from technology glitches, natural calamities, and unforeseen downtimes. Instead of recovering from an unexpected event, our specialists will devise a top-notch business continuity strategy to ensure the availability of your most vital systems and workloads, even in the face of a disaster.

Our team can guide you in evaluating the essential elements for planning and in selecting the optimal technology to maintain continuity across your entire infrastructure.

Enterprise Disk Arrays and Storage Networking

The data held by an organization is among its most valuable possessions. The demand for effective, dependable, and economical storage solutions has never been higher. Our team of specialists can guarantee that you make the most of the appropriate storage tiering, categorization, and investments to power your infrastructure with the necessary data. Whether you aim to establish a new storage environment or expand an existing one, we are here to assist you.

Server & Desktop Virtualization

Creating and implementing a virtualization strategy that boosts data center efficiency and user satisfaction is a significant undertaking. Our team of professionals has successfully deployed virtualized data centers for clients of various sizes and with diverse needs. Whether you commence with our virtualization workload assessment, embrace end user computing virtualization, or pursue a software-defined data center approach, rely on our experts to guide you with proven strategies to optimize your investment.

Converged Data Center Solutions

Technology Partners:

Brocade
Cisco
Dell EMC
Hewlett Packard Enterprise(HPE)
Nutanix
SimpliVity
Symantec
Veeam
VMware





Networking Solutions

Our Expertise

NTS employs experienced professionals who have successfully developed tailored networking solutions for numerous clients. Our internal experts are ready to assist you in establishing a robust IT infrastructure. Our services cater to network optimization, collaboration needs, enhanced speed, and improved productivity. We offer comprehensive assessment, documentation, consultancy, design, planning, installation, and management services for all networking solutions.

Network Architecture

In today's technology-focused environment, having a dependable and robust network is essential for any organization. Our Network Practice is capable of assisting you in gaining a comprehensive grasp of your current infrastructure's strengths and weaknesses, and devising a strategy for improvement.

Engagement goals include:

- Understand existing network infrastructure
- Find new ways to expand capabilities
- Leverage current investments

Expanding your network rapidly or integrating newly acquired networks can create uncertainty about your overall environment. Our comprehensive infrastructure analysis includes a deep dive into your IT network, documenting its current state, and performing a holistic performance analysis for each appliance. We assist in identifying equipment that needs upgrading and reviewing performance issues like bottlenecks.

After discovering any problems or known issues, we offer solutions to address the issues, enhance your network's efficiency, and expand its capabilities. Our specialists can assist you in designing the ideal network structure for your company, implementing it based on established methods, and optimizing it for the specific applications and traffic patterns in your environment.

Network Access

Enhancing network access involves streamlining and securing it through a unified network, policy, and management structure.

Our specialists approach network design holistically, ensuring that wireless access matches the performance of wired connections and effectively supports BYOD policies. Collaboration between our Networking and Security Practices results in policy-driven, on-demand access solutions with integrated security layers. This approach not only optimizes your environment and resolves capacity issues but also integrates security measures across all domains.

Collaboration

The era of social, mobile, and collaborative technology has arrived. It is crucial for all professionals, regardless of their role, organization, or industry, to utilize technologies that enhance efficiency and engagement. Our team specializes in helping organizations select the most suitable unified communication and collaboration technologies, leading to increased innovative efficiencies. Join us on a journey to discover new methods for accessing and leveraging scattered information within your organization. Together, we will integrate voice and video services across your organization, leveraging your existing network infrastructure. Additionally, we can assist in evaluating your network's readiness to support real-time traffic and Quality of Service (QoS) required for video applications, as well as expanding your network to accommodate video usage.

Having pinpointed and fixed network vulnerabilities, we will assist in optimizing your IT investments for top performance and ROI.

Networking Solutions

Technology Partners:

Aerohive

Aruba

Cisco

Dell EMC

F5

Hewlett Packard

Enterprise(HPE)

Poly

Riverbed

ShoreTel

VMware

aruba
a Hewlett Packard
Enterprise company

 CISCO

DELL EMC

 Hewlett Packard
Enterprise

 poly

vmware
by Broadcom

 **New Tech
Solutions**



Software Solutions

Our Expertise

At NTS, our team comprises of highly skilled professionals who are committed to aiding clients in developing the most appropriate solution stack for their organizations. We assist in identifying the pivotal factors that should drive architectural considerations, thus impacting investment decisions. In today's IT strategy, the emphasis lies in achieving specific outcomes, with software managing data and offering insights playing a vital role in shaping our daily operations. Our aim is to ensure that your organization's technology infrastructure aligns seamlessly with your business objectives.

Messaging Platform Services

In the modern, technology-driven landscape, it is imperative for any organization to possess a secure, reliable, and resilient messaging system. Our team of experts is proficient in aiding you to choose the most suitable messaging platform for your specific needs and deploying it through proven methodologies.

Should you be in the process of transitioning to Office 365, modernizing your on-premises Microsoft Exchange system, or shifting from a traditional to a contemporary messaging platform, our team is well-equipped to provide the necessary support. Following the initial setup, we will tailor and enhance the system to align with your existing applications and traffic patterns, while also preparing for any potential environmental changes.

Infrastructure Software Services

Frequent updates of software versions offer opportunities for reconfiguration or complete redesign with each release, upgrade, or end of support. Our team of professionals can identify areas in your infrastructure that could benefit from rethinking the design and implementation of your Windows and Active Directory services. Embrace the potential that each update brings and let us help you optimize your systems for maximum efficiency.

Following the implementation of the updated core services, now is an ideal opportunity to enhance the design of your Microsoft services. Take advantage of this moment to leverage our team's skills in optimizing the returns from your investment.

Application and Database Services

Contemporary information frameworks depend on the software utilized by users to create and manage data. This data serves as the foundation for decision-making, personalized experiences, and improved customer satisfaction. Whether it's a university striving to optimize their admissions procedures or a business looking to broaden its customer reach, the database plays a pivotal role in these endeavors.

Our team of specialists is dedicated to ensuring the successful implementation of your database platform in a manner that is both highly scalable and proven. Should you seek improvements in performance, we are equipped to conduct a comprehensive health check to pinpoint potential opportunities for enhancement and optimization. In the event that resilience and failover are at the top of your priorities, we are capable of designing and developing a tailored solution to meet these specific requirements.



Software Solutions Technology Partners:

Adobe
Atlassian
Autodesk
BMC Software
Cisco Systems
Dell Technologies
IBM
McAfee
Microsoft
Nutanix
Palo Alto Networks
Red Hat
Salesforce
SAP
ServiceNow
Splunk
Symantec (Broadcom)
Trend Micro
VMware



