NTS

ACCELERATE OPERATIONS WITH NTS AUTOMATION

INTRODUCTION

Agencies face a maze of automation offerings, often leaving you lost in the process and your head spinning with an endless array of options. Our automation expertise provides unparalleled performance and a comprehensive framework to address the entire infrastructure lifecycle. Let NTS help you navigate your automation journey.

WHY AUTOMATE

Every organization wants to do more, do it better, and to do it faster. Automation can make these aspirations a reality. Automation accelerates the delivery of infrastructure and applications by minimizing (or where appropriate, removing altogether) previously required human interactions. Your organization can only go as fast as its IT infrastructure. Applying automation to common tasks such as configuration, provisioning and deployment ensures increased speed, improved consistency, and security.

BENEFITS

Increased speed, agility and output

Automation systems have no such limitations. Using automation to parallelize workloads and operate serial tasks at the speed of light can significantly reduce the time needed to complete the job.

Reduced/eliminated human error

Automation systems greatly reduce the potential for human error while increasing deployment consistency and traceability.

Improved personal utilization

Automated solutions add a level of resiliency to the business by allowing more personnel to initiate a task with less technical training.

NTS AUTOMATION AS-A-SERVICE

Offering automation solutions as-a-service allows NTS to deliver features to more customers at lower initial costs. We understand that our customers grow their maturity level over time, looking for more opportunities as they develop.

Our **Automation As-A-Service** model decreases upfront costs and accelerates delivery while increasing efficiency and productivity designed to support your mission and IT objectives.

AUTOMATE

Reduce resources needed to deploy while eliminating configuration inconsistencies without compromising the system's capabilities.

ORCHESTRATE

Conduct end-to-end processes to transform mission delivery.

DEPLOY

Deploying the right workload with the right configuration, every time.

CURRENT NTS AUTOMATION SERVICE OFFERINGS

NTS MANTLE
Customizable utility for deploying infrastructure.

NTS MANTLE is a suite of tools that leverages modern cloud-native technologies to deploy infrastructure components and software services to the Warfighter. It extends the power of the organization's CORE services to the outer layer, or deployed EDGE.

It makes infrastructure deployment a rapid, repeatable process. It drastically reduces the resources needed to deploy, eliminates configuration inconsistencies on any H/W platform, and does so without compromising the system's capabilities. MANTLE automatically provisions infrastructure components, deploys modern workloads, and verifies the integrity of the configuration before safely shutting down and preparing for deployment.

DEVELOPMENT
Development and consulting services for long and short-term programs.

NTS Automation Engineers work with clients to meet their specific needs. By nature, automation is process-driven. A core element of the Automation Engineer's work involves tailoring automated processes to correspond with those of the client. Our staff will work with the client to explore both short-term and long-term solutions to improve the quality of their automated infrastructure.

JOINT AUTOMATION LAB
NTS hosted multi-tenant private cloud for development and testing .

The NTS Joint Automation Lab exists to facilitate joint development projects related to automated workflows. The entire process of creating an automated workflow—from development, to testing, to publishing—can be managed from within our purpose-built lab.

The Automation Lab works with technologies from companies such as RedHat, Microsoft, NetBox, VMware, Cisco, NetApp, Klas, Dell, HPE, and many more.

WITH AUTOMATION,
THE POSSIBILITIES ARE ENDLESS

At NTS we recognize that automation is not a destination, but instead a journey. To learn more about NTS automation service offerings and the best practices for your organization to take on the road of automation success please contact **sales@nextechsol.com**