NS1 Enterprise DDI.

DNS, DHCP and IP Address Management

Enterprises are pushing to develop and deploy applications faster and more efficiently than ever before. Network operations teams have to maintain existing infrastructure as they adopt and integrate new cloud platforms, tools, and processes. Traditional DDI solutions offer clear benefits but are typically encumbered by complex UI and workflows, expensive hardware and poorly performing APIs.

NS1 Enterprise DDI reduces the friction and complexity of deploying and delivering applications across multi-cloud, HQ and branch office environments.

Next-Generation DNS
NS1 Enterprise DDI includes our next generation DNS, built for automated application deployment and delivery.

Integrated DHCP and IPAM
Gain workflow efficiency and visibility across complex, hybrid infrastructure. Give your network and DevOps teams the power to deploy faster than ever before.

Advanced Traffic Steering
Control the flow of application and user traffic for improved performance, availability and security.

NS1.

The NS1 Enterprise DDI Platform

► Built for DevOps. Eliminate DNS change control bottlenecks that can delay deployments by days or even weeks. NS1 Enterprise DDI makes it easy to safely and securely give your DevOps teams the autonomy to manage their own updates.

► Fast API Performance. Large scale automation requires a DDI that can handle high rates of API calls. NS1's API-first platform scales to meet the most demanding automation driven environments.

► Real time DNS change propagation. Your applications and services can't wait hours or minutes for the DNS updates they need to propagate across the network. No more propagation delays and service interruptions, NS1 DDI responds in seconds.

► Modern UI and simplified workflows. Our platform is designed to get your teams up and running fast. No steep learning curve before your teams can be productive.

► Break down application silos. Your applications may run on a mix of old and new platforms, from containers to VMs to mainframes. Unify service discovery across complex infrastructure.

► Boost performance, reduce costs. NS1's advanced DNS Traffic Steering makes it easy to manage traffic and workloads across your wide area network. Replace your outdated GSLB appliance with NS1's modern, vendor agnostic approach to GSLB and traffic steering.

► Multiple Clouds, Single Management Plane. Network teams no longer need to interface with different DNS consoles to deploy across multiple cloud infrastructures.

Proven Technology

The software comprising NS1 Enterprise DDI is built on the same software platform that powers NS1 Managed DNS. The scale, performance and reliability of this platform has been thoroughly proven by the most demanding customers and applications on the internet today.

FEATURES	
DNS	Deploy next-generation Authoritative and Recursive DNS servers to your network with comprehensive record type support including unknown types (RFC3597).
DHCP	Create scopes, automate DNS updates and manage leases. Support for DHCPv6 and common DHCPv4 options (3, 4, 6, 12, 15, 60, 66, 67).
IPAM	View and manage the address space, including networks, subnets and hosts. Manually and/or dynamically assign IPs.
Advanced Traffic Steering	Leverage NS1's Filter Chain Technology to control application workloads to meet your internal performance and uptime SLAs.
Full-Featured REST API	Automate change control and the commissioning and decommissioning of assets.
API Performance, fast DNS Change Propagation	Modern API first architecture supports high scale application and infrastructure automation.
DevOps Toolkits and SDKs	Orchestrate using infrastructure as code tools such as Ansible, Terraform, Mesos, Go, PHP, Python.
Distribution Media	Rapidly deploy and upgrade with NS1's containerized solution.
Subscription Licensing	Subscription licenses mean no CapEx-heavy expenditures, no hardware maintenance fees, no need to "rip and replace" every 3-5 years.
Support & Maintenance	24x7x365. Migration, training, and professional services available.

ABOUT NS1

NS1 is the leader in next generation DNS solutions that orchestrate the delivery of the world's most critical internet and enterprise applications. Only NS1's purpose-built platform, which is built on a modern API-first architecture, transforms DNS into an intelligent, efficient and automated system, driving dramatic gains in reliability, resiliency, security and performance of application delivery infrastructure. Many of the highest-trafficked sites and largest global enterprises trust NS1, including Salesforce, LinkedIn, Dropbox, Nielsen, Squarespace, Pandora and The Guardian.