

NameSurfer® is a traditional IPAM solution implemented as the centralized DNS, DHCP and IPAM (DDI) management overlay. Run by thousands of organizations around the world, it is the IPAM overlay of choice for traditional network environments leveraging Microsoft AD and BIND-architectures.

IP Address Management Slashes OPEX

IP Address Management (IPAM) is an integral part of network management and planning processes. Without a transparent real-time view of blocks, subnets and individual IP addresses, network management becomes a tedious process slowing down change requests and accurate tracking of the network use.

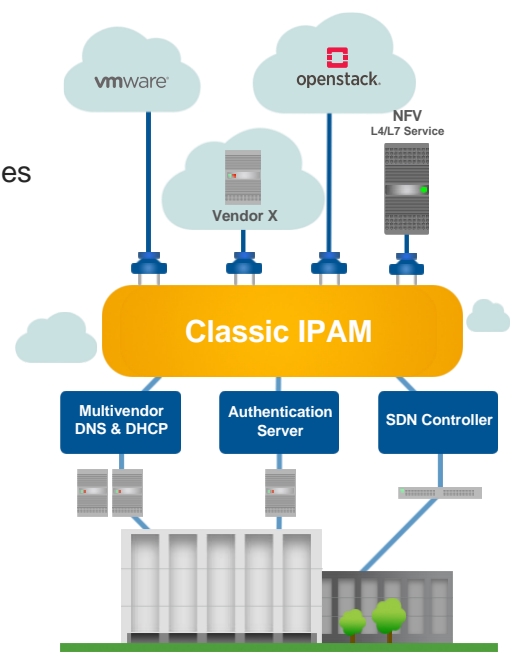
NameSurfer IPAM is a proven solution for DNS, DHCP and IP Address Management. Thanks to its robust architecture and management automations, it allows organizations to slash the lead-times for change requests and gain real-time visibility into the use of one's network resources.

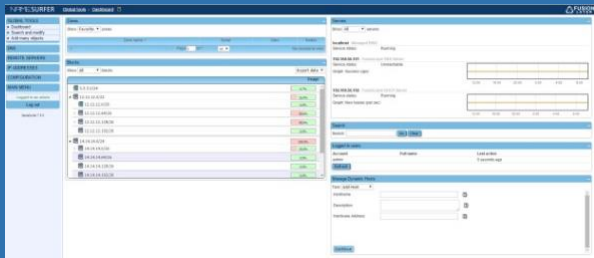
Feature at Glance:

- Management automations designed to reduce OPEX
- Web-based thin client architecture with native SSL support
- Granular user management functionality for delegation
- Supports centralized user authentication with audit trails
- Scales up to hundreds of thousands of IP addresses and zones
- Full support for IPv4, IPv6 and DNSSEC
- Network-based API with granular access privileges
- Available as hot-standby replicated server pair for HA
- Supports DDI servers by FusionLayer, Microsoft and ISC
- Certified as VMware and Citrix Ready

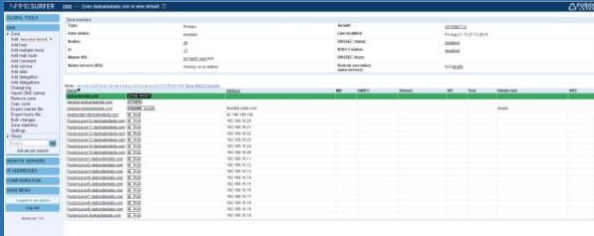
Key Benefits:

- Slash the IPAM OPEX by up to 90%
- Support IPv6 and DNSSEC out of the box
- Supports multi-vendor environments
- Become immune to hardware failures by virtualizing IPAM
- Simplify provisioning of new virtual machines
- Monitor and analyze DNS and DHCP performance centrally
- Support RHEL-compliant x86-based platforms





Global Toolset - Dashboard



DNS Menu - Zone Overview

Simplified Management

- Central dashboard provides a one-stop:
 - View of subnets, zones and server performance
 - Search tool for all DDI data
- Auto-sync of live DNS, DHCP and IPAM data
- Track IP space and network resources in real-time
- IPAM tools for IPv4 and IPv6 network management:
 - Embedded bitmask calculator
 - Simple subnet-DHCP server binding
 - Simple subnet-zone binding
 - Merge and split subnets on the fly
 - Drop-down menus listing free IP addresses
 - Subnet use and allocation reports
 - IP use and allocation reports
 - Multiple graphical report views on IP space
 - Fully configurable fields, values & display preferences
 - Import / export in CSV format
 - IP sweeps for locating clients
- Seamless integration with Microsoft DNS, DHCP and LDAP
- Bulk data changes with ease
- Automate DNS management process with ease
 - Slave zone creation
 - Zone serial incrementing
 - Reverse entries
 - Validation and consistency checks
 - Pre-filled data entries from templates
- Delegate IPAM process by leveraging
 - Automations
 - Flexible user privileges
 - Pre-configured templates
 - Predetermined values from drop-down menus

Increased Security

- Built-in support for SSL and AAA
- Deploy as a hidden server only interacting with integrated
- DNS and DHCP servers
- Use SSH and/or shared secrets for all DDI server communications
- Supports DNSSEC with NSEC, NSEC3 & automated key rollovers

High Availability & Scalability

- Automated online backup of embedded SQL database
- Deploy as a hot-standby replicated server pair
- Deploy as a highly available virtual IPAM overlay
- Scales up to hundreds of thousands of IPs & zones

Supporting Datasheets

<https://fusionlayer.com/documents/dhcp-server-datasheet.pdf>
<https://fusionlayer.com/documents/dns-server-datasheet.pdf>

Platform Support

- Citrix XenServer
- VMware Server & ESX Server
- Any RHEL-compliant x86 server
- Software binary for Linux platforms
- Software binary for SPARC/Solaris platforms

Top DNS RFCs Supported

1034, 1035, 1183, 1706, 1876, 1912, 1945, 1982, 1995, 1996, 2136, 2317, 2671, 2672, 2673, 2782, 2845, 2854, 2874, 3007, 3225, 3226, 3363, 3364, 3402, 3596, 3645, 3761, 4033, 4034, 4035, 4470, 4592

Remote Server Support

- FusionLayer DNS, DHCP & Discovery Servers
- Microsoft DNS, DHCP Servers
- Nominum Servers
- Bind & NSD
- Secure 64 DNS Product Family

Note: FusionLayer, Inc. continuously develops its products. For the latest information, please refer to <https://fusionlayer.com>

