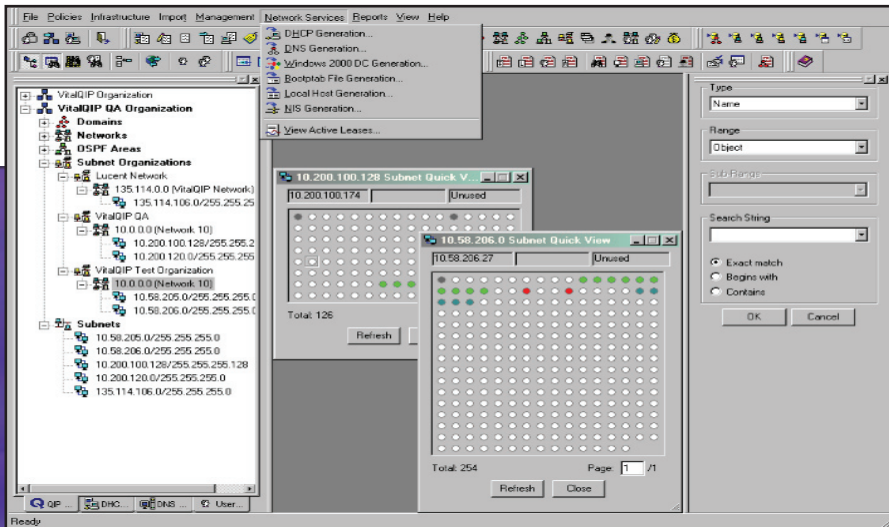


VitalQIP® DNS/DHCP IP Management Software



Next generation
software solution for
automating
address management
services across your
IPv4 or IPv6 network

Streamline management and cut administrative costs
with this award- winning, market-leading software

Benefits

- Performance-proven in today's most demanding networks
- Automates critical IP name and address services
- Seamlessly manages multi-vendor IP platforms and appliances
- Enhances administrator effectiveness and user satisfaction
- Maximizes the return on your IP investments
- Scales to support any number of IP addresses with unsurpassed reliability
- Offers secure IPAM infrastructure and extended auditing capabilities
- Enhances your management capabilities with extended functionality beyond IPAM



Performance-proven in today's most demanding networks

VitalQIP® Domain Name System/Dynamic Host Configuration Protocol (DNS/DHCP) and IP Management Software is used by hundreds of customers, including Global 1000 companies and top Service Providers around the world to automate their essential IP name and address services needs. This innovative system has received numerous honors and awards, including the recent Network World Clear Choice Award. And it is consistently rated a best-in-class IP management solution by industry analysts and market research firms.

Market-leading VitalQIP® software helps you efficiently configure, automate, integrate and administer IP services across your entire network — locally or globally. This powerful management software centralizes planning and administration, enabling you to rapidly provision address space and reliably deliver critical IP name and address services throughout your network. Compatible with multiple technologies and platforms, it helps you streamline management tasks with a comprehensive suite of integrated tools and user interfaces.

VitalQIP® software is widely deployed in high-volume distributed network environments, where it has demonstrated its ability to support demanding applications with millions of individual IP addresses and hundreds of thousands of domains.

Built-in support for master and slave DNS servers, as well as Dynamic DNS updates, helps you avoid network outages and automate address and name assignments.

Running the system on the Lucent DHCP server eliminates any single point of failure with many-to one failover capability: a single secondary DHCP server can serve as the back-up for multiple primary DHCP servers. This helps ensure that IP services are delivered to users as specified, reducing your network hardware requirements and simplifying network administration.

Alcatel-Lucent has taken the industry leading solution VitalQIP from a proven, scalable application to a next generation platform. VitalQIP extends above and beyond traditional IPAM by enhancing the overall user experience and allowing customers flexibility to leverage the sophistication of the product. Features such as dual support of IPv4 and IPv6, web-based GUI, robust navigation capabilities, enhanced User Defined Fields, standards based API's for tighter integration and enhanced reporting functions to provide users with a next generation platform that will propel customers into the future with improved efficiency and flexibility.

Automates critical IP name and address services

IP name and address services are essential to service availability and end user performance capabilities. If end users cannot obtain an IP address, they can't communicate or complete tasks essential to your business success. If application host names are not quickly resolved by programs in end users' PCs, connecting to these applications and other services is difficult if not impossible.

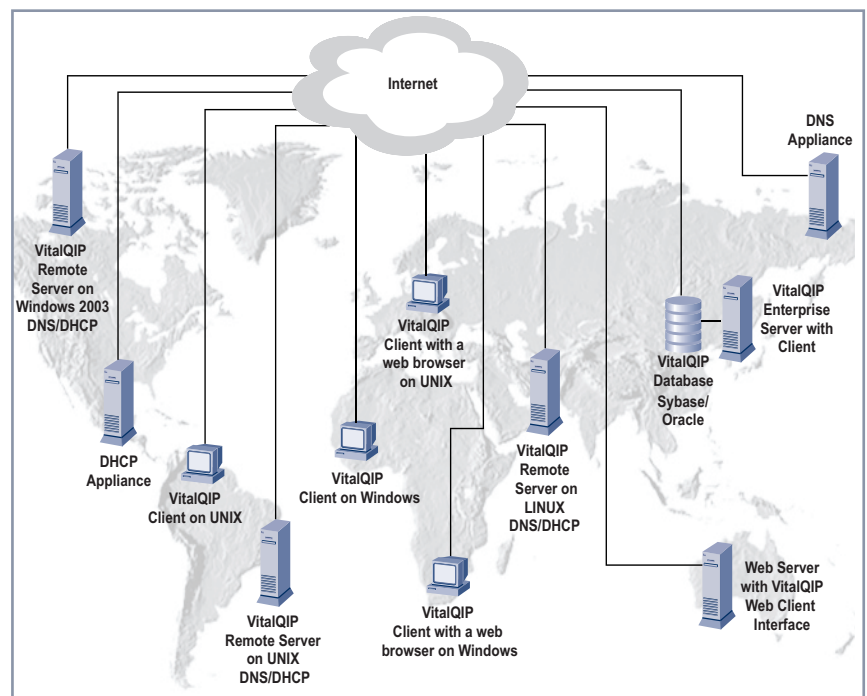
VitalQIP® software helps you expedite the connection processes by simplifying IP name and address management services — from initial planning to solution deployment, auditing IP address utilization to performing everyday administrative functions.

The system consolidates all IP address information in a single location, ensuring that diverse, geographically dispersed administrators managing your network can access the same IP database. This eliminates duplication of administrative effort and allows you to maintain a consistent IP inventory network-wide.

VitalQIP® software supports both Lucent and other vendor DNS and DHCP servers, allowing you to readily configure and deploy IP services across your distributed network and synchronize VitalQIP® data updates in real time.

Seamlessly manages multi-vendor IP servers and appliances

VitalQIP® software supports diverse client interfaces running on a wide array of popular server and appliance platforms.



Enhances administrator effectiveness and user satisfaction

Centralized definition of your IP network model and management of IP services via a single system are the keys to effectively managing network-wide IP name and address information. Configuring remote DHCP and DNS servers based on this centralized information improves administrator productivity and reduces errors.

With VitalQIP® software, network administrators can centrally establish a set of rules and policies to automate the definition of IP networks and subnets, as well as define administrators' visibility into everything from IP networks and subnets to individual IP objects, domains and DNS and DHCP servers. This helps ensure consistent network-wide enforcement of operational and administrative procedures.

Secures your IPAM infrastructure

VitalQIP® software seamlessly integrates with NAC Software to deliver a comprehensive and enterprise-ready network access control solution. This integration allows for point and click definition of endpoint policy (e.g. OS patches installed, anti-virus updated, personal firewall running, and no peer-to-peer software installed), and policy assessment and enforcement across the enterprise both pre-connect and periodically throughout a network session. Based on this assessment to policy, endpoints are permitted access, denied access or quarantined for remediation.

The software-based, vendor neutral framework protects enterprise networks from non-compliant or untrusted endpoints by enabling enterprises to enforce security policies and gain control of their network security.

VitalQIP® software also addresses common configuration issues that can further compromise security:

- Data compression and encryption
- Secure local and remote management for an unlimited number of simultaneous administrators
- Unsurpassed flexibility to edit policies at global, customer/folder and device levels

These automated capabilities reduce your overall network security overhead and administration costs. They also free your network management personnel to address other more strategically critical tasks.

Maximizes the return on your IP investments

As your network continues to grow, more IP devices, more traffic and newer technologies such as IPv6,

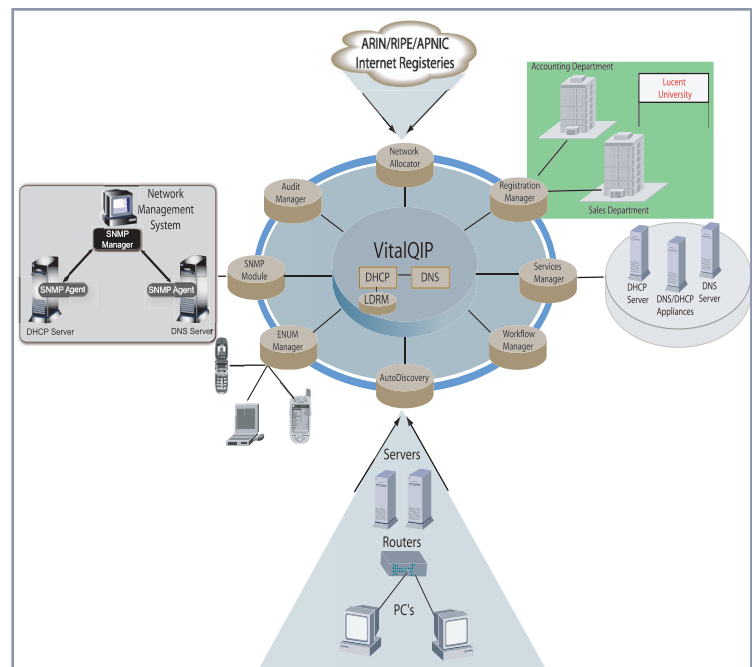
ENUM, VoIP, VPN and WLAN, continuously increase your management responsibilities. To keep pace — and to make the most of your existing infrastructure

investments — you need the automated, highly scalable management tools VitalQIP® software provides. Real-world user experiences demonstrate that implementing VitalQIP® software can be a high return business decision. Customers deploying VitalQIP® IP solutions in place of manual IP name and address management typically save from two to four dollars per IP address per year*. * ROI estimates calculated based on average customer IT management costs; actual results may vary.

Strengthens capabilities with integrated functionality

Only VitalQIP® software gives you the foundation to build additional functionality into an existing management system, extending your capabilities and increasing the return on your network investment.

Choose from a full range of available management modules to augment the value and versatility of your VitalQIP® software solution.



Extend the VitalQIP® solution with optional pre-integrated applications that suit your specific needs

Seamlessly Manages New Technologies and Services

With the impending explosion of IP address and the introduction of IPv6, customers have to be prepared to be able to manage their environments efficiently and effectively. This requires careful drafting and implementation of policies in order to be able to manage such a tremendously large domain. The network allocation function in VitalQIP arms customers with the ability to establish processes and policies ensuring complete optimization of their v4 and v6 environments. Customers have the ability to support both v4 and v6 in a dual stacked environment allowing for early adoption of v6 while at the same time maintaining support of v4.

VitalQIP® Software Features

- Multi-vendor, multi-platform compatibility — for investment protection and cost-effective growth
- Industry's highest performance DHCP and DNS servers — enabling rapid IP address assignment for the delivery of robust IP services
- Scalability for your growing business — manage millions of IP addresses with one readily extensible solution
- High availability architecture — minimizes downtime of critical IP services and maximizes user satisfaction
- Flexible administration — local or remote administrators streamline management of IP names, addresses and distributed DHCP/DNS services to help reduce operating expenses
- Consolidated IP inventory — ensures network-wide consistency and accuracy of management data
- Add-on modules — extends the VitalQIP® solution with optional pre-integrated that suit your specific needs

VitalQIP® Software Benefits

- Numerous recognition awards including: Network World Blue Ribbon, Network Testing Labs World Class, and Network World Clear Choice Awards
- VitalQIP continues to dominate the IP management market four years running with over 40% market share; nearly double our closest competitor. There are over 900 Vital customers, including over 76% of the Fortune 100 and 36% of the Fortune 500. This includes most of the world's largest telecommunications companies, banks, universities, institutions, and US military forces, running some of the worlds most critical data networks
- VitalQIP leverages Lucent Bell Labs Innovations and Lucent Worldwide Services to bring unmatched functionality to customers
- IDC reports that customers deploying VitalQIP IP solutions in place of manual/other IP name and address management systems realize an average return on investment (ROI) of 930% and an average payback period of 106 days.



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