

# Alcatel-Lucent VitalQIP Audit Manager

## IP MANAGEMENT SOFTWARE

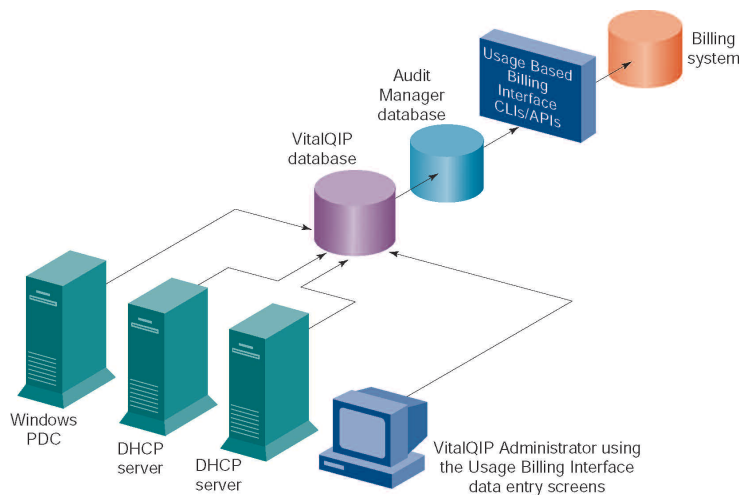
Alcatel-Lucent® VitalQIP™ DNS/DHCP IP Address Management software efficiently configures, automates, integrates and administers IP services across the entire network — locally or globally. This powerful management software centralizes IP service planning and administration, enables rapid provisioning of address space and reliably delivers critical IP name and address services throughout the network. VitalQIP software provides the foundation on which to build additional functionality into an existing management system, extending capabilities and increasing the return on network investment. A full range of management software, such as the Alcatel-Lucent VitalQIP Audit Manager, augments the value and versatility of the VitalQIP software solution.

### Key features

- Centralized IP address usage tracking
- Correlation of users with IP addresses
- Capturing and reporting of audit information
- MAC or IP address-based alerts

### Key benefits

- Cuts administration time and cost
- Simplify user-specific current and historical tracking
- Support law enforcement or internal security audits
- Quickly identify specific users by address



## Network usage tracked accurately, securely and effectively

In a complex network environment, it's important to know who is accessing the network so both accurate and secure administration is ensured. However, tracking IP network address allocation and enforcing accountability can be a huge challenge. With dynamic addressing via DHCP servers, there is no fixed correlation between IP addresses and user workstations. A user assigned a particular IP address today can be assigned a different one tomorrow.

The VitalQIP Audit Manager is part of the award-winning VitalQIP IP management solution from Alcatel-Lucent, which provides a centralized and fully automated management solution for capturing and reporting audit information about both dynamic and static IP addresses.

This innovative software:

- Tracks the history of all IP addresses and leases granted by DHCP servers
- Leverages VitalQIP user profiles to correlate users with their IP addresses monitored
- Manages changes to the IP address space — including adds, deletes and modifications of objects
- Tracks Microsoft® Windows® 2000/2003 Domain Controller logins

As transactions occur, such as DHCP lease grants or Windows 2000/2003 Domain Controller logins, information on them is sent to the centralized VitalQIP Audit Manager database. Not only is this central repository of transaction information less costly to administer than multiple databases, it also gives a unified wealth of information for historical network usage tracking, querying and auditing.

## Flexible multivendor interoperability

Alcatel-Lucent DHCP servers are configured to feed information to the VitalQIP Audit Manager; however the data collection capabilities of the system are not limited to Alcatel-Lucent DHCP servers alone. Multivendor compatibility enables the VitalQIP Audit Manager to interface with and collect data from DHCP servers and messaging devices from other sources, such as the Windows 2000/2003 Primary Domain Controller (PDC) or Backup Domain Controller (BDC). That means DHCP information can be tracked as well as information from Windows 2000/2003 logins.

## Improved troubleshooting

By increasing visibility into IP address activity, VitalQIP Audit Manager software supplements existing network troubleshooting tools. It can help with problem isolation and resolution by querying a questionable IP address that

may have violated security policies and can act in response to law enforcement subpoenas. IP address activity from system audit reports can also be added to troubleshooting processes.

## Improved security

VitalQIP Audit Manager software features a central alert capability that is instrumental not only in tracking IP address usage but also in tightening network-wide security. Alerts can be defined to monitor activity of IP addresses, Media Access Control (MAC) addresses or host names across the network. Audit Manager software e-mails alerts to managers automatically. The result: logins can be detected or leases granted for particular users.

## Comprehensive, customizable reporting

The easy-to-use software reporting interface of the VitalQIP Audit Manager allows users to quickly submit queries, then view their search results in a tabular format. VitalQIP Audit Manager software also provides a set of predefined reports that can be tailored to each user's specific needs. In addition to streamlining internal audit processes, these standardized documents make it easy to meet governmental or legal reporting requirements.

## Multiplatform, multidatabase support

### Platform Support

- Solaris™ 9 & 10 operating system on UltraSPARC® microprocessor
- Red Hat® Enterprise Linux® 4 AS/ES (32bit)
- Microsoft Windows Server® 2003 Enterprise and Standard editions (SP1)

### Database Support

- Sybase® 15.x, Oracle® Database 10g R2 (10.2.0)
- Sybase 15.x, Oracle Database 10g R2 (10.2.0)
- Sybase 15.x, Oracle Database 10g R2 (10.2.0)