

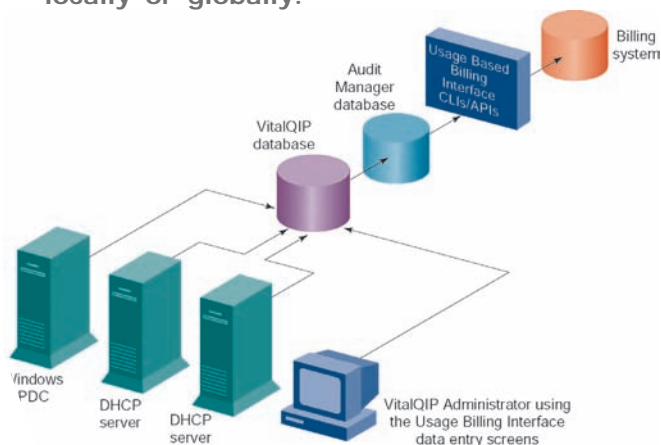
# VitalQIP Audit Manager

IP Management Software

Alcatel·Lucent



Alcatel-Lucent® VitalQIP™ DNS/DHCP IP Address Management software efficiently configures, automates, integrates and administers IP services across the entire network — locally or globally.



## Benefits

- Cut administration time and cost via centralized IP address usage tracking
- Simplify user-specific and historical tracking
- Support law enforcement or internal security audits
- Quickly identify specific users by MAC or IP addresses

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. 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 you a unified wealth of information for historical network usage tracking, querying and auditing.

### Flexible multi-vendor interoperability

Lucent DHCP servers are configured to feed information to the Audit Manager; however the system's data collection capabilities are not limited to Lucent DHCP servers alone. Multivendor compatibility enables VitalQIP Audit Manager software to interface with and collect data from DHCP servers and messaging devices from other sources, such as the Windows 2000/2003 Primary Domain or Backup 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 your visibility into IP address activity, Audit Manager software can supplement your existing network troubleshooting tools. You can use it to help with problem isolation and resolution by querying a questionable IP address that may have violated security policies or in response to law enforcement subpoenas. You can also apply IP address activity from the system's audit reports to your 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. You can define alerts to monitor activity of IP addresses, Media Access Control (MAC) addresses or hostnames across your network. Audit Manager software can e-mail alerts to managers automatically. The result: you're able to detect login or lease grants for particular users.

### Comprehensive, customizable reporting

The easy-to-use software reporting interface of the VitalQIP AuditManager 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.

### About n3k Informatik

n3k Informatik is established since more than ten years as the leading independent provider of IP Management solutions in Europe. n3k Informatik is working with all of the most important suppliers in this field.

Customers of n3k Informatik are more than 50% of the DAX 30 companies and more than 100 companies in all economies and branches.

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### Features

- Centralized IP address usage tracking
- Correlation of users with IP addresses
- Capturing and reporting of audit information
- MAC or IP address-based alerts
- Platform support
  - Sun Solaris 9 and 10 operating systems on UltraSPARC microprocessor
  - Windows 2003 Server Enterprise and Standard Editions (SP1)
  - Red Hat Enterprise Linux 4 AS/ES (32-bit)
- Database support
  - Sybase 15.x
  - Oracle database 10g R2 (10.2.0)

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