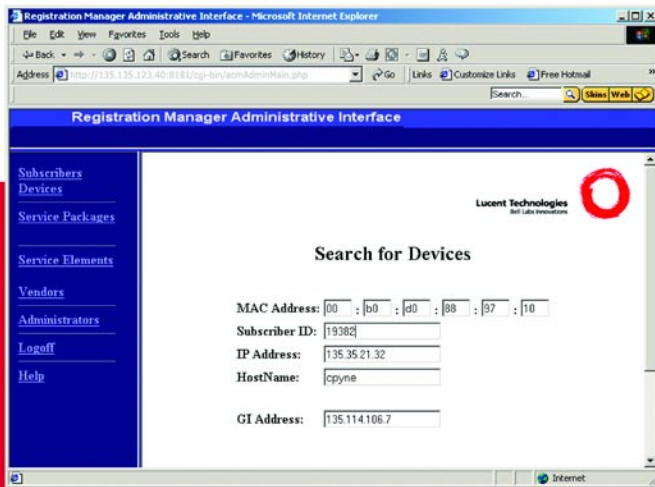


# VitalQIP™ Registration Manager 2.1 Add-on Module Software



Extend the capabilities of your VitalQIP™ system with innovative address allocation software that provides easy and secure user access in dynamic DHCP-based network environments.

## Benefits

- Save time and expense by automatically issuing IP network addresses to registered users
- Customize access by dynamically assigning it based on user-specific service privileges
- Track users regardless of location
- Increase security by efficiently preventing access by unauthorized DHCP users
- Customize your Web-registration interface to your business needs

Market-leading VitalQIP™ DNS/DHCP and IP Management software helps you efficiently configure, automate, integrate and administer IP services across your entire network — locally or globally. This powerful management software centralizes IP services planning and administration, enabling you to rapidly provision address space and reliably deliver critical IP name and services throughout your network.

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, such as VitalQIP™ Registration Manager software, to augment the value and versatility of your VitalQIP™ software solution.

Automate address assignment while you tighten dynamic access control across your enterprise IP network.

VitalQIP™ Registration Manager software provides a secure solution for fully automated, customizable IP addressing, service-class assurance and access control. This add-on module to the award-winning Lucent VitalQIP™ address management system issues appropriate addresses to authorized Dynamic Host Configuration Protocol (DHCP) users from any fixed or mobile network location. It ensures that unauthorized user access is denied and lets your administrators tightly control traffic by assigning specific levels of access privileges to multiple classes of users with diverse needs.

Save time and effort with intelligent address allocation

Associating users with DHCP addresses has traditionally been an error-prone, time-intensive task. IP administrators have had to inventory each user's machine access code (MAC) so that the proper DHCP address could be associated with it. Associating the DHCP address with the MAC Maintenance in this environment has often proved difficult as well. To offset these challenges, most DHCP implementations have simply issued addresses regardless of MAC or user.



VitalQIP™ Registration Manager software eliminates these issues and increases process efficiency by automatically enabling association of the user, the MAC and the address. It gives you a seamless approach to obtaining the benefits of Dynamic DHCP in both virtual local area network (VLAN) and enterprise environments.

## Simplify access and service-class assurance with secure, one-time address registration

With Registration Manager software, users register their PC or network interface cards (NIC) only once. As users register the associated MAC address is captured and stored in the users' profiles on an LDAP directory server.

The system automatically matches users against their MACs each time they request addresses via DHCP. Registration Manager then queries their profile to ensure that they are issued only addresses on subnets for which they have access approval. Users can then be tracked by their MAC addresses. If they change their PCs or NICs, they simply re-register.

## Customize your Web interface and registration rule sets

Registration Manager software lets you custom-tailor your Web registration interface to accommodate your business requirements. Custom access control capabilities can either be incorporated into your existing enterprise Web site, or they can operate on a standalone basis. When these capabilities have been configured, unregistered users attempting to access your network via a Web browser will be redirected to the Registration Manager server for registration and service selection/ authorization.

Application programming interface (API) sets are provided at the Web server and Lucent DHCP Server. The Web-based APIs are incorporated into your standard predefined registration process.

For further customization, the VitalQIP™ system provides an extensive suite of command line interfaces (CLIs) — plus an optional API Toolkit for extending VitalQIP™ software management functionality to other critical network applications.

## Features

### • Platform support

- Windows® 2000 Advanced Server Service Pack (SP) 2
- Solaris™ 7 and 8

### • Directory server support

- OpenLDAP, version 2.018 or higher
- iPlanet, version 5.1

### • Web browser and server support

- Web browsers:
  - Netscape® Communicator or Navigator 4.x or higher
  - Microsoft® Internet Explorer 5.x or higher
- Web server:
  - Apache 1.3.23 (installed with Registration Manager)

To learn more, contact your Lucent Technologies sales representative, authorized reseller or sales agent. You can also visit our web site at <http://www.lucent.com/oss> or call: 1-888-426-2252

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