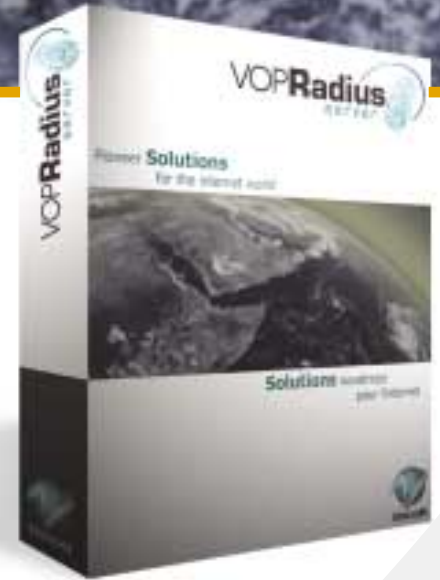




VOP Radius server



Lower set-up costs

Minimizes database maintenance

Supports implementation of flexible and comprehensive security policies

Voice-over-IP support

Excellent customer support with every VOP product sold

We keep your Total Cost of Ownership down with Vop Radius server software that is affordable and easy to administer. At the same time, the high-end functionality in VOP Radius allows you to be more competitive, with support for features that are usually found in more costly Radius products. Whether you need a RADIUS server for a central location, as a proxy, or to handle roaming, VOP Radius has the flexibility to suit the needs of ISPs/ASPs and corporations.

VOP Radius allows Network Managers, Internet Service Providers, and Remote Access Services Providers to monitor and centralize "authentication", "authorization" and "accounting" of their local and roaming users. VOP Radius is a robust, high-performance RADIUS server application optimized to run in a multiple-CPU Windows NT/2000 environment for cost-effective scalability. VOP Radius also keeps database maintenance to a minimum, with flexible ODBC schema support that allows VOP to authenticate by reading directly from 3rd party accounting/billing packages, NT SAM files, UNIX password files or any ODBC database.

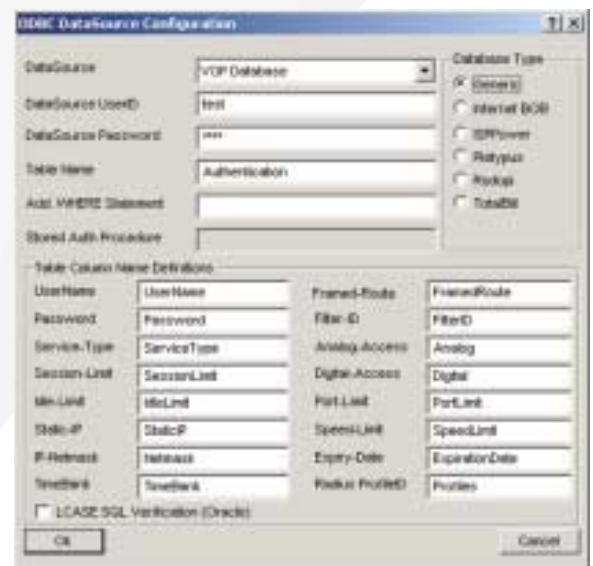
VOP Radius Features

The most flexible database support of any Radius server. VOP Radius supports a wide range of authentication sources - from simple text files, ODBC databases, NT/SAM files, to UNIX password files and roaming IDs. VOP Radius can authenticate concurrently against these different databases, as well as multiple data sources based on the realm and can even fall back to another data source in case of failure. This means you need less time to do the initial set-up, since you don't have to convert or migrate existing data. It also means that you reduce day-to-day maintenance efforts because you can make changes to user databases once, and VOP Radius will instantly be reading updated information.

Seamless integration with popular ISP billing and accounting systems.

VOP Radius seamlessly integrates with many of the top billing and accounting systems including: Internet Back Office Billing (iBOB), RODOPI, ISP-Power, Platypus, Hawk-I, Emerald. With integration at both the authentication and the accounting levels, changes made to customer information through an accounting system can automatically set up or modify customer service profiles in VOP Radius. This delivers cost savings not only because customer data is updated/added only in one place, but also because changes can be made at a clerical, rather than systems level. Some accounting packages provide web-based user administration that allow the customers to register for service or change their own service profiles, reducing your workload even more.

Configuration panel





Key Features

Enhance existing capabilities – use VOP Radius for roaming & as a proxy.

Increase service options to your customers. If you have a Radius server that doesn't support roaming, caching or dual login control, use VOP Radius to act as a Proxy & Backup server. VOP Radius supports Roaming by realm ID, and can handle an unlimited number of realms. It also supports roaming via DNIS ID. In all cases, it collects roaming statistics so that you always know how many users are on your roaming facilities and bill other ISPs.

Flexibility and functionality to implement your security policies

Whatever your corporate decisions are for security and policies, VOP Radius is up to the challenge. It comes with several login-control features that allow you to enforce service profiles and prevent abuse. Most of these can be set using customized profile information. Limit the number of ports that users can log into, deny ISDN or DSL connections to users who only have access to standard dial-up access, restrict usage by connect time or time-of-day, block or allow via caller-ID, IP address or DNIS-ID. For further security options, create your own custom attributes or vendor-specific attributes.

Manage better by keeping tabs on login activity

The VOP Radius user interface gives you online information about users, IP addresses, and the status of ports. You can also write out real-time access information to ODBC files to work with 3rd party monitoring tools. Set up VOP Radius to generate email or pager alerts. SNMP and Finger support let you synchronize user and status information with your NAS. To analyze usage, VOP Radius can support a variety of logging options, including continuous logging to an ODBC database



Reliability and performance for mission-critical operations

A true 32-bit, multi-threaded program, VOP Radius maximizes Windows NT/2000 system resources for efficient and scalable operations and will take full advantage of dual-CPU machines. The VOP Watch application ensures continuous operation by constantly monitoring the state of VOP Radius, and automatically restarting it should one of the threads freeze or crash. VOP Radius' cache stores the most recently active usernames, passwords and session limits; therefore, should the connection to the main data source fail, VOP Radius can continue authenticating against its internal cache. As a further failsafe, VOP Radius can be directed to authenticate against a secondary or backup source instead of relying on cached information.

What our customers are saying

<< It's expensive to spend time struggling with cumbersome set-ups, carrying out heavy maintenance, or troubleshooting. The less time spent needed to keep servers running, the lower the operational and staffing costs. It's all about Total Cost of Ownership. The cheapest product will end up being expensive if it's not reliable or low-maintenance. When it comes to TCO, Vircom is the cheapest software I've ever owned.>> [Systems Connect](#)

<< We are in a transitional stage, trying to consolidate customer databases and billing systems. Luckily, Vircom products will authenticate users against custom application files, BBS user databases, password files, all at the same time. And the set-up to do this was very easy.>> [Ojai.Net](#)

<< Now our VOP Radius server authenticates directly off the accounting database, as does VOP Mail. We saw process efficiencies right away. When a user signs up, we fill out a form, and in two minutes they are set up in our database, able to get online with dial-up access and an email address.>> [AccessOne](#)

<< We decided to partner with a national ISP to allow roaming access. This required VOP Radius to be reconfigured to recognize another ISP's Radius server. It only took one setting change. One of our engineers used to work with an ISP that had UNIX systems. When he talks about the amount of work and level of expertise required to keep things running, it's simply unreal to us.>> [Ojai.Net](#)

<< I like the time-banking feature. ISPs can restrict users to a certain number of hours per month. This allows them to set up various service packages and enforce the conditions.>> [Millennium20.com](#)

<< We needed VOP Radius to interface with a VPN concentrator (an unsupported feature at the time). Within a few days of discussing this problem with Vircom we received a custom version of software. Since then, it has just kept running. It never goes down unless the box breaks.>> [FirstVPN](#)



VIRCOM inc.

For further information on the features and to obtain a free 30-day evaluation copy of VOPRadius, please visit the Vircom homepage.

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