

# RadiusNT

## High Performance, High Availability AAA Server For MS Windows Environments

### Highlights

Complete AAA  
Solution

Fast, Fault  
Tolerant  
Authentication

Scales to  
Hundreds of  
Thousands of  
Subscribers

Easy to Use  
Browser Based  
GUI

Unlimited  
Subscribers in  
All Editions

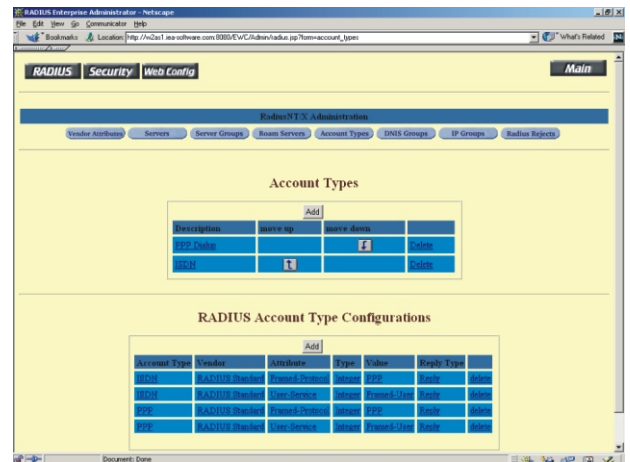
Multi-platform,  
Multi-database  
Support

External  
Authentication  
API with  
Multiple  
Sources

High Security  
Features for  
Corporate  
Enterprises

### Getting Started

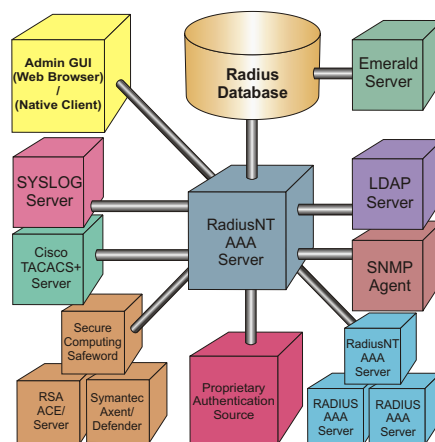
Every ISP, no matter how large or small, and many corporate enterprises with dial-up users need Authentication, Authorization, and Accounting (AAA) services. IEA Software's RadiusNT is the first and best RADIUS server on the market for the Microsoft Windows® environment. An extremely stable and reliable product, RadiusNT authenticates an unlimited number of subscribers for one low price. Since it caches subscriber data from the database or flat file, authentication is extremely fast. RadiusNT's server runs on Microsoft Windows NT® and Windows 2000 platforms. The RadiusNT server supports Microsoft SQL Server and Access, Sybase® and Oracle® relational databases, LDAP servers, Microsoft NT SAM, UNIX passwd or plain text files. The client runs in a web browser or a regular Microsoft application window depending on Edition.



RadiusNT Enterprise - Add Account Screen

### Taking Care of Your Business and Your Customer

RadiusNT provides you with tools to proactively manage and troubleshoot your network. With real time monitoring data, database caching, database fail over, SYSLOG support, and load balancing, it also helps you get through many common operational problems, operating even during a complete database failure. When database availability is restored, RadiusNT will refresh its cache, continuing normal operations.



RadiusNT Interfaces

### Making It Happen Easily

Installation and setup for RadiusNT is fast and easy. Within minutes, you will be up and running. Once installed, it is simple to operate, administer and troubleshoot the system from any location with IP connectivity.

### Managing The Business

RadiusNT can record accounting data to log files or the database and provides SNMP statistics. Using this data, you can analyze your growth, provide detailed billing and eliminate or reduce concurrent login abuse. Corporate enterprise customers will appreciate the RadiusNT Enterprise Edition, which has built-in support for token based security systems such as Symantec® /Axent™ Defender, Secure Computing's

**First and Still the Best  
RADIUS Server  
for Microsoft WindowsNT**

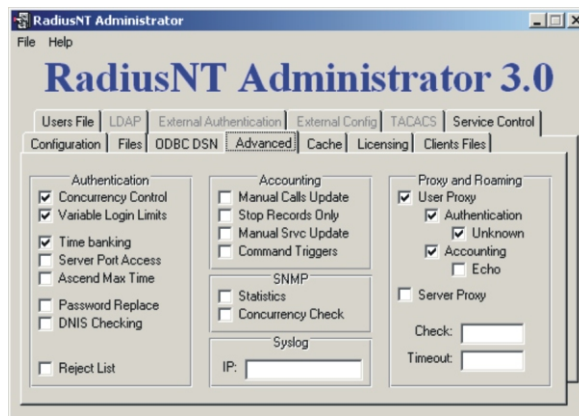
**IEA  
SOFTWARE**

# RadiusNT Details...

Safeword™, and RSA Security's ACE/Server®.

## Working Together

RadiusNT integrates seamlessly with IEA Software's Emerald Billing and Customer Care product for a complete front and back office and AAA solution. RadiusNT's flexible Proxy/Roaming features enable you to easily partner with other ISPs, providing local dial-up access for each one's subscribers in the other's territories on a domain by domain basis.



Native Client - Administrator Screen

You can easily use the GUI to extend the RadiusNT data dictionary with vendor specific RADIUS attributes as you deploy new equipment, to take advantage of emerging technologies without delay.

## FEATURES

## BENEFITS

### RadiusNT Standard Edition:

- RFC 2138 & RFC 2139 compliant
- Manages concurrent logins across servers
- IP address pool management
- DNIS restriction and access
- Distributed concurrency control
- Server and port access controls
- Adaptable database schema
- ODBC database
- UNIX/Linux passwd file, NT SAM
- Provides rating beyond name & password
- Real-time online view
- User-updatable RADIUS dictionary

- Standards based, supports wide variety of NAS
- Control user and group limits, increase revenue
- Centralized IP management
- Protects against specific trouble sources
- Prevents abuse across multiple servers
- More defense against unauthorized use
- Adaptable to legacy ancillary systems
- Interfaces to most popular databases
- Deploys quickly with existing user database
- Multiple authorization levels gives tight control
- Up-to-the-minute control for administrators
- Extensible to new NAS hardware and features

### RadiusNT Professional Edition Adds:

- Database caching
- Tunable cache configuration
- SNMP manager
- SNMP concurrency checking
- Proxy and roaming support
- Smart proxy authentication & fast-fail/retry

- High service levels, even if database fails
- Fastest authentication in the industry
- Reduces abuse, improves real time operations
- Additional validation prevents duplicate logins
- Flexible service provider support
- Continued operation during failures overload

### RadiusNT Enterprise Edition adds Professional Edition Features Plus:

- Web client
- Token-based authentication
- External authentication API
- LDAP synchronization
- TACACS+ client

- Improves administration access
- Highly secure in financial, corporate networks
- Extensible to third party authentication sources
- Seamless operation, DEN compliant
- Supports Cisco proprietary security protocols

## Server Requirements:

**CPU:**  
Pentium 200 or better

**RAM:**  
128 MB

**Available Disk Space:**  
30MB or more

**Operating System:**  
Windows 2000,  
WindowsNT with SP5 or later

**Database Manager:**  
MS SQL Server 7.0 or later,  
MS SQL Server 2000 or later,  
Sybase SQL Adaptive Server Enterprise or later,  
Oracle Server 8.0 or later,  
Microsoft Access 7.0 or later

**Network Protocol:**  
IP connectivity to NAS,  
IP connectivity to database server,  
IP connectivity to browser

## Client Requirements:

Internet Explorer 5.01 or better  
Netscape Navigator 4.72 or better



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