

# ALEPO RBS ISP

ALEPO

## HIGHLIGHTS

**REAL-TIME  
BILLING**

**XML/XSL  
INVOICING**

**INBUILT RADIUS  
SERVER**

**END-TO-END  
PREPAID**

**WEB BASED  
ADMINISTRATION**

**WEB SELF CARE  
AND SIGNUP**

**CREDIT CARD  
CLEARING**

## SUPPORTED SERVICES

- DSL, Cable, ISDN, Dialup
- WLAN hotspots and Wireless ISPs
- PPPoE and VPN internet access
- Rented Infrastructure
- Content Subscriptions
- Voice services over IP
- Internet Kiosk and Internet Café

## ALL-IN-ONE RADIUS, BILLING & CRM

From its introduction in 1997, RBS ISP has defined the ISP Billing and RADIUS market.

Winning numerous awards and selling in over 50 countries, RBS has maintained its leading edge through a unique philosophy. This philosophy proposes that even a startup ISP deserve the features normally attainable by only the largest ISPs and that even large ISPs benefit from an out-of-the-box solution that can be set up in minutes.

The result is a product that can be found in diverse environments that range from small ISPs to large broadband providers servicing over 50% of their country's users.

Maintaining its tradition, RBS today offers advanced prepaid features, complete customer self care, real time credit enforcement, online statistics and analysis tools, credit card clearing and support for xDSL, cable and wireless services through tried and proven RADIUS capabilities.

These features, and more, are in a single integrated product and are completely workable, out of the box.

RBS now comes in special packages with additional features for VoIP as well as WLAN hotspots, and WISP.



## PROVEN TRACK RECORD

- Selling for more than six years
- Numerous awards by magazines and leading web sites
- Hundreds of customers in over 50 countries
- Powering national and international ISPs

## RADIUS FEATURES

- ◇ Support for DSL, VPN, Dialup, 802.11 (Hotspots, and WISP), Content Subscriptions
- ◇ RFC 2865 & 2138 - RADIUS authentication
- ◇ RFC 2866 & 2139 - RADIUS Accounting
- ◇ Vendor specific attributes
- ◇ RADIUS roaming and proxy (including proxy target billing)
- ◇ Concurrent login control (per user and per group)
- ◇ IP allocation and centralized IP pools management
- ◇ Pass-through Authentication: Proxy, NT SAM \ Active Directory, LDAP
- ◇ EAP\TLS
- ◇ Real time Billing and CRM
- ◇ Online session list



## BILLING FEATURES

- ◇ Flat rate or usage based rating (time, volume)
- ◇ Charge based on time of day/day of week
- ◇ Tiered rating and discounts
- ◇ Yearly, quarterly, monthly, weekly, daily and anniversary billing cycles
- ◇ Setup fees, recurring fees, recurring bonuses (free hours or MBs)
- ◇ Account auto renewal, manual renewal, and one off
- ◇ Hierarchical (Corporate or Family) billing
- ◇ Add-ons services and items
- ◇ Detailed, customizable XML\XSL invoices and session reports
- ◇ Electronic bill payment and presentation
- ◇ Full credit limit automation with grace period
- ◇ Real time (signup) and batch (recurring) credit card clearing
- ◇ Dealer system including dealer commissioning and dealer self care

**Inbuilt RADIUS server save time and money, and enables zero leakage prepaid.**

## PREPAID FEATURES

- ◇ Voucher auto generation
- ◇ Complex vouchers— holding combination of: Hours, Megabytes, Allowed usage period, Cash amount
- ◇ Web based account activation and account refill using vouchers
- ◇ Reseller commissioning on vouchers
- ◇ Voucher shelf life
- ◇ Credit card prepayment
- ◇ Bundled packages
- ◇ Zero leakage credit enforcement with real-time session disconnect



## CRM FEATURES

- ◇ Customer registration and management
- ◇ Custom customer fields
- ◇ Trouble ticketing
- ◇ Automated email based on customer criteria
- ◇ User import utilities and batch CRM
- ◇ Self registered customer approval
- ◇ CSR can post payments, credits, and adjustments
- ◇ Automatic provisioning to mail servers, external DBs and any 3rd party with command line interface
- ◇ Fully customizable (by editing HTML)

## ADMINISTRATION FEATURES

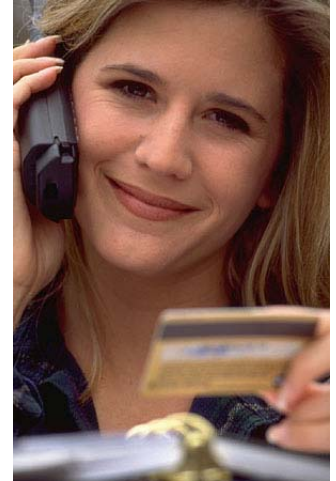
- ◇ 100% Web based
- ◇ Tiered access and modification permissions
- ◇ Audit, system and RADIUS Logs
- ◇ SSL Security
- ◇ Live performance monitoring
- ◇ Automated administrative notification via email

## REPORTING FEATURES

- ◇ Daily, weekly, monthly, annual and live usage graphs and statistics
- ◇ Earnings graphs comparison tables
- ◇ Top 10 reports (top ten earners and users)
- ◇ Commissioning reports
- ◇ Integrates with Crystal Reports
- ◇ Import and export reports, payments and invoices from/to QuickBooks and Excel

## SCALABILITY

- ◇ High availability with 99.995% uptime
- ◇ Primary \ backup modes
- ◇ Unlimited backup \ load balancing servers
- ◇ Low memory and CPU foot print
- ◇ Online backups
- ◇ Can run on same machine with RDBMS on low end systems
- ◇ Max no. of users: 10,000,000
- ◇ RADIUS authentication response: 10-40ms
- ◇ Billing cycle (user): 100-300ms



**Single server supports one million users.**

**Laptop can serve 10,000 users.**



## SUPPORTED PLATFORMS

### Operating systems:

- WindowsNT/2000
- Red Hat Linux
- Sun Solaris
- Client: any web browser on any operating system

### Backend databases:

- Internal (MS Access MDB file)
- MS SQL 6.5 , 7 or 2000 (Standard, enterprise or MSDE)
- Oracle 8.x (Standard, enterprise or personal)
- MySQL 4.1



## MINIMAL HARDWARE REQUIREMENTS

### WinNT/2000 & Linux:

233Mhz or higher CPU  
128MB RAM  
Web browser  
150MB HD Space  
Network Interface Card  
RADIUS compliant NAS, AP or SG

### Solaris:

Sun Ultra SPARC 5+  
256 MB RAM  
Web browser  
150MB HD Space  
Network Interface Card  
RADIUS compliant NAS, AP or SG

### ALEPO, INC.

500, North Michigan Ave.  
Suite 300  
Chicago  
IL 60611  
Phone: 1-888-4398368  
Email: sales@alepo.com  
Web: www.alepo.com



All content is copyrighted © 2003 by Alepo.

Alepo, RBS and the Alepo logo are trademarks of Alepo. Windows and the windows logo are registered trademarks of Microsoft, Oracle and Oracle logo are registered trademarks of Oracle. Other marks are