BAMS-1000 Broadband Access Management System

NAYNA Networks

Delivering Next Generation Broadband Access Solutions

Comprehensive
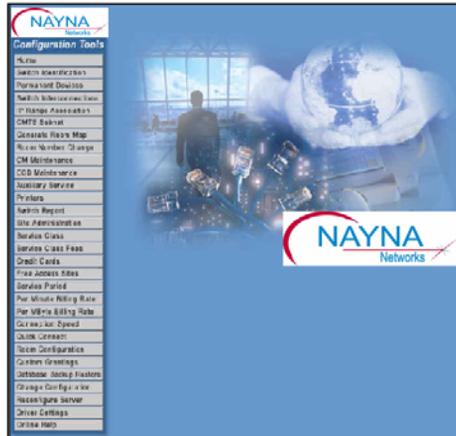
Broadband Access Management System

BAMS-1000™ is a complete broadband access management system which simplifies the user's experience. A web page takes users through simple steps to register and connect within seconds, without reconfiguration of network or proxy settings. Customized welcome pages, default messages and advertisements can easily be displayed on a clients computer.

Real IP Addressing

Public addresses are required for some Internet applications such as Web servers, videoconferencing and VPN connections. Using a publicly addressable IP address and BAMS' provides managers with the ability to offer a premium service for users that want a public (routable) IP address. Users can use VPN clients to work as if they were in their offices, securely accessing office networks and files via their secure VPN. Users can email as if they were on their home or corporate networks without changing their email settings.
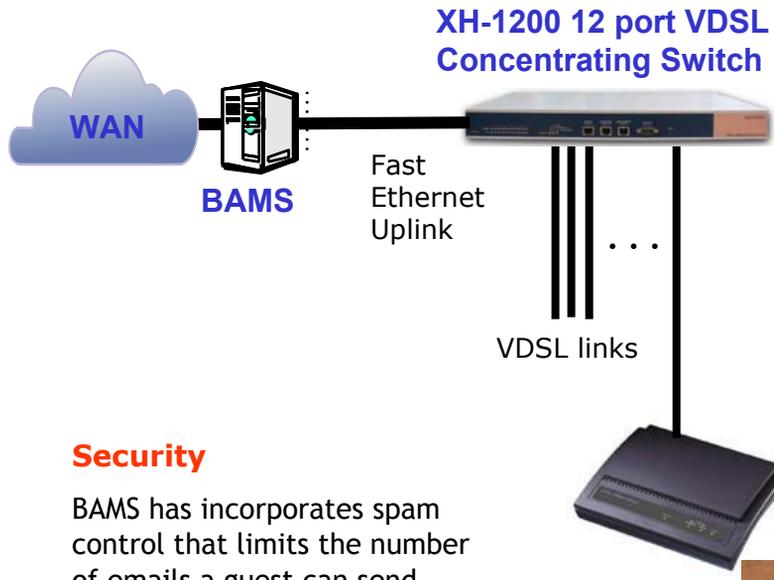
Bandwidth Management

Secure admission and Service Level Agreement (SLA) enforcement are major features. For example, with BAMS-1000, a property owner may offer the base speed as an amenity and still charge a premium for faster service offerings without front desk intervention.

Billing

BAMS-1000 integrates with the property owners management system for billing and payment. The system allows for selective billing by minute, megabyte, and port speed while simultaneously permitting various payment methods. Additional auxiliary devices like a public printer can be added and configured for selective billing. In conjunction with Nayna Networks' XH-1200 VDSL Concentrating Switch, BAMS-1000 generates a configurable map for room-port relationships and other network devices such as servers and WiFi Access Points.

Statistics & Reporting

1

NAYNA EXPRESS™
Solutions

NAYNA
Networks

Delivering Next Generation
Broadband Access Solutions

Secure

XH-1200 12 port VDSL Concentrating Switch

XA-054 WiFi Access Point

WAN

BAMS

Fast
Ethernet
Uplink

VDSL links

- - -

POTS

XD-090 VDSL

Easy to Edit Menus

On-page Instructions

Security

BAMS has incorporates spam control that limits the number of emails a guest can send during a session to prevent the property's high-speed internet access from being abused.

Features:

- Port Based Authentication
- Per Room Billing
- Per Megabyte Usage Billing
- Per Minute Time Billing
- End User Roaming
- Automatic Re-registration
- RADIUS Authentication Server
- Forced portal URL
- Access Code Aging
- Check Out Time Enforcement
- Currency Configuration
- Default Language Configuration
- Defined Fees for Difference Service Classes
- Charge to Room, Charge to Credit Card
- Credit Card Authorizing Services Supported:
  CyberCash,CyberSource, VeriSign, Authorize.Net
- Credit Cards Supported:
  Visa, Master Card, American Express, Discover
- Free Hotspots Supported

Recommended Server Host Characteristics:
- Linux Operating System (RedHat 9+ recommended)
- 512 Megabyte of DRAM
- 1.5 GHz 32 or 64-bit processor
- 100 Gigabyte hard drive
- 100 Mbps Ethernet connection

Ordering Guide:

BAMS-1000
- Access Management System License Fee, software application only
BAMS-1010
- Annual Support Service

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2