

Flexible Turnkey Solution of Broadband Access and Management

Features and Benefits

- **Plug & Play:** Provide immediate broadband internet access with zero-configuration.
- **High Mobility:** Provide both wired and wireless environment with roaming option.
- **Secure Connection:** Provide a secure network access connection and control by IDS, NAT, VLAN and firewall features.
- **Intelligent Traffic Control:** Patented traffic shaping technology Credit Based Fair Queuing(CBFQ) for Quality of Service (QoS) control and bandwidth management.
- **Remote Mail Relay Service:** SMTP relay function allows mobile computers to send email to and from corporate servers remotely.
- **Policy Personalization:** Enable operators to configure the desired services, policies and charge/time schemes best suit their customers.
- **Flexible Billing Architecture:** Various billing models are available including flat rate, usage rate and prepaid card support as well as the capability to cooperate with RADIUS server
- **Network Resource Optimization:** Provide P2P Bandwidth Control, TCP Connection Limitation and Traffic Monitor to control the traffic level and avoid the abuse of network resource.
- **Access Logging and Usage Statistic:** Provide clear information for monitoring, reporting and resource planning.
- **Cost Saving:** Reduce expenditures for technical support and additional network equipment.
- **Easy and Centralized Web-based Management**

According to the latest eMarketer forecast, the number of broadband subscribers is expected to rise to over 2.35 billion in 2005. Broadband internet access is becoming a mandatory requirement of internet users and is dominating the access network market. To meet the high mobility and quality requirements by internet users, especially business commuters, an advanced policy-ware network access mechanism is needed to intelligently connect, manage and bill the users.

LinkEasy delivers such powerful features required by the internet users and is the most flexible turnkey solution for service providers, hotels, intelligent buildings and other hotspot property owners. It simplifies the internet edge access operations, users mobility and service management in a simple, scalable and cost effective manner.

Target Customers

Last mile / MAN operators	Cafes
Property operators	Restaurants
Telecom operators	Campus
Public Transportation or Terminals	Hotels
Wireless operators	Enterprise

Zero-configuration Broadband Internet Access

LinkEasy provides broadband internet access by simply plug & play and login through a web browser without the need of re-configuring current IP address or proxy settings. Users equipped with wired or wireless devices can enjoy broadband internet access seamlessly in the easiest way.

Last Mile Access Control

The access control function of LinkEasy in the last mile for MAN, building, hotel, campus and enterprise etc. significantly eases the management task for controlling end-users' access and prevents unauthorized private access. NAT and IEEE802.1q VLAN support enables a secure access environment.

Intelligent Bandwidth Management

LinkEasy can intelligently manage the traffic delivery by the patented packet scheduling technology Credit Based Fair Queuing (CBFQ) for reducing traffic congestion. With the support of various traffic classification policies and QoS control, LinkEasy optimizes the network resources and bandwidth usage, and allows VIP users to enjoy better quality services at a premium charge.

Advanced Traffic Monitor

Support traffic monitoring by user, network, port and even VLAN to provide an all-around network watching and tracing mechanism.

P2P and TCP Connection Control

LinkEasy can detect and limit the bandwidth of P2P traffic like BitTorrent, Kazza and eMule as well as controlling the TCP connection at the same time in order to reduce unnecessary wasting of network resource and even avoid any liability for those illegal downloads.

Flexible Billing Architecture

Service providers can adopt different charging schemes and policies by access time, traffic throughput and type of service etc., such that they can deploy different billing models based on marketing strategies.

Email Relay and Monitor Service

With LinkEasy's transparent SMTP relaying technology, the problem of email undelivery when sending from remote sites such as hotel or branch office can be solved completely. The Email Monitor can further alert any private or sensitive data sent to the public internet.

Intrusion Detect System (IDS)

LinkEasy IDS feature is able to detect, identify and eliminate any suspected intrusion activities such as port scanning, packet flooding, DoS attack and virus attack traffic to provide a clean and safe network environment.

High Availability

Two LinkEasys, a primary and a secondary, can work seamlessly through VRRP in order to minimize the impact of network service unavailability or unexpected hardware failure.

Deployment Scenarios

Standalone Edition (LE-SA)

LinkEasy SA is most suitable for offices, hotels, cafes, restaurants, airports and shopping malls for providing plug & play wired and wireless broadband internet connectivity.

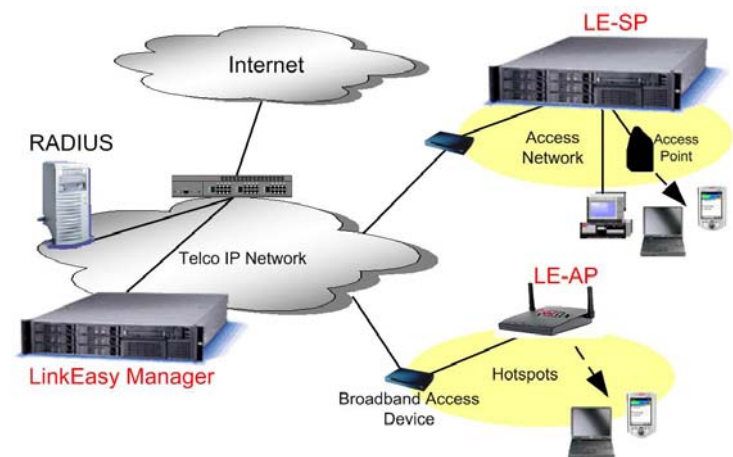


Service Provider Edition (LE-SP)

LinkEasy SP can be deployed by service providers (telecom carries, ISP and retail chain operators etc.), property operators and last mile operators for offering wired and wireless broadband internet connectivity. It also cooperates with LinkEasy Manager to provide service provider a one-stop solution.

Access Point Edition (LE-AP)

LinkEasy AP is most suitable for enterprises, hotels, cafes, airports and shopping malls etc. to provide immediate mobility wireless broadband internet connectivity.



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