

Get More.
Give Less.
Get Ahead.

Remote Access Solutions for Business

Empower Your Workforce Away From the Office

Your company needs reliable access to corporate servers and applications while away from the office. Remote access services from LightEdge provide ubiquitous dial-up and broadband access to critical network resources, eliminating barriers to productivity for traveling staff or telecommuters. Our remote access solutions make access to your corporate network secure, cost-effective and easy to use.

Remote users are securely tunneled to the LightEdge network, then switched to a LightEdge-provisioned, dedicated connection to your corporate network. Users can access the service from one of more than 700 dial-up points of presence via toll-free numbers, or through high-speed cable or xDSL broadband connections for an optimized user experience. Network security is maintained by user authentication and connection via a private tunnel. Administrators have easy access to Web-based management tools to view usage reports, or add, delete or edit user accounts.

Flexible Options

LightEdge offers the functionality you expect from your remote access solution, plus additional features for enhanced performance. LightEdge Solutions is a premier provider of remote access services, offering services that are just right for your business.

Secure Dial-up Access

Secure dial-up access provides narrowband access to your corporate network, offering local dial-up points of presence in more than 700 locations throughout the 50 states, as well as toll-free access from anywhere in the country. End users are securely connected via Layer 2 tunneling protocol (L2TP), offering an alternative to latency-prone, bandwidth-intensive VPN sessions. Using a standard PPP client, users connect over the public switched telephone network (PSTN) to a LightEdge authentication gateway. Services are billed monthly based on minutes used.

Broadband Access Solutions

For home-based users with Internet access via a cable modem or xDSL connection, our remote access solution utilizes point-to-point tunneling protocol (PPTP) to create a secure, encrypted high-speed tunnel to your corporate network. End users simply enter their account information and connect to the corporate network with a specified IP address or host name. Services are billed monthly on a flat-rate-per-user basis. Broadband users benefit from the LightEdge network technologies, which ensure preferential routing and redundant connections for an optimized user experience.

Remote Access Services

- Ubiquitous dial-up and broadband access to critical network resources
- Optimized broadband user experience via the LightEdge network route optimization technologies
- More than 700 dial-up points of presence via toll-free numbers
- Secure user authentication and connections via private tunnel
- Simple Web-based management tools
- Use dial-up networking or optional connection utility, with no proprietary software to purchase or maintain
- 24/7/365 network operations center and automated network alerts

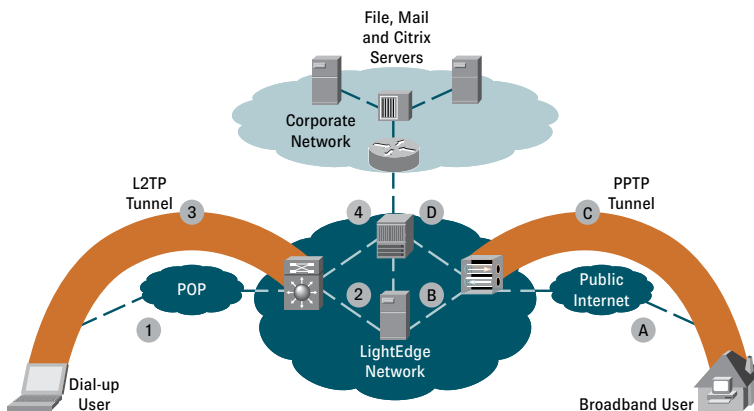


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Product Features

| Features | Advantages |
|---------------------------|--|
| Secure Connection | Secure, encrypted tunnel to the corporate network |
| Flexible Access Options | National dial-up and broadband solutions for a variety of user scenarios |
| Superior Customer Service | Single point of contact for all customer service needs |
| Web-based Administration | Web-based tools enable user account administration and usage reporting with the click of a mouse |
| Web-based Interface | Web interface enables easy viewing of network status |
| Scalable | Cost effective for small to very large organizations |

RAS Platform



1. User connects to a local or national Point of Presence. User's realm is authenticated.
 2. User's name and password is authenticated by a database application at the LightEdge network operations center.
 3. Layer 2 tunnel (L2TP) is negotiated and created.
 4. User is securely connected over dedicated PVC to the corporate network.
- A. User is connected to the public Internet via broadband ISP.
 - B. User configures PPTP utility to connect to LightEdge VPN concentrator. User name and password are authenticated.
 - C. LightEdge VPN concentrator binds user to specified group, negotiates encryption level and creates a secure point-to-point tunnel (PPTP).
 - D. User is securely connected to the corporate network.

Note: split tunneling is not allowed.

Dial-up Requirements

- Microsoft® Dial-up Networking Version 1.3
- Specified realm (ex. user@ras.companyname.com)
- Username (includes realm)
- Password (administrator defined and controlled)
- Dedicated host connection to the LightEdge network

Broadband Requirements

- Microsoft Dial-up Networking Version 1.3
- Specified realm (ex. user@vpn.companyname.com)
- Username (includes realm)
- Password (administrator defined and controlled)
- Split tunneling not allowed (corporate network access only)
- LightEdge does not provision ISP
- Specified TCP/IP stack information
- Dedicated host connection to the LightEdge network



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