

LEVEL 3SM SECURE ACCESS

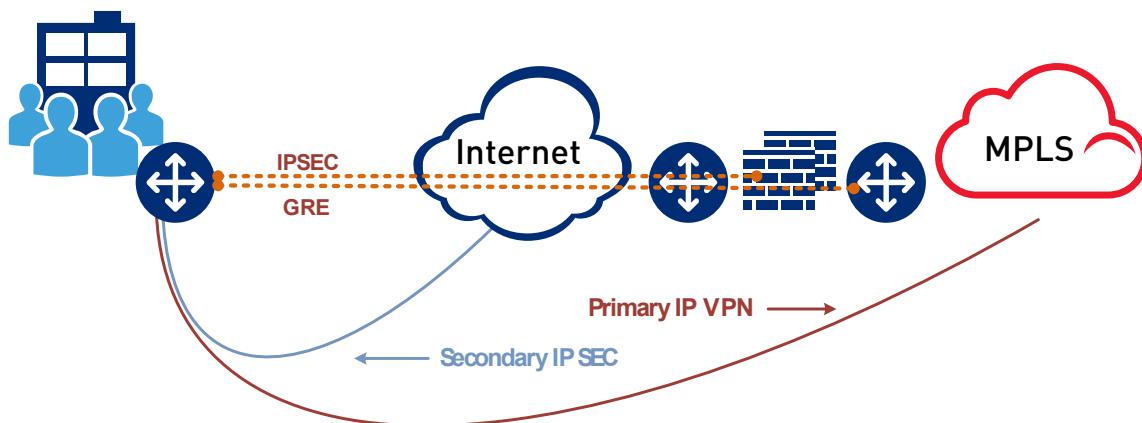
SITE



A cost-effective, secure, scalable option for businesses to extend their VPN to branch offices, connecting business locations while helping to ensure that your data remains unmodified in transit and secure from unwanted intruders.

It's the new reality: as your business grows and succeeds, the threat of security attacks can increase. At the same time, demand for access to your corporate network is accelerating with globalization, new vendor partnerships and the incorporation of small remote offices. Every new connection can add another potential point of vulnerability to your infrastructure. Simply limiting access can restrict productivity and inhibit network sophistication. How can you cost-effectively extend the security policies of your VPN to your corporate sites?

Level 3SM Secure Access Site service can help reduce costs by allowing fixed remote locations (branch sites or home offices) to securely connect for safe access to your network anywhere, anytime ... effectively eliminating the need for all sites to have a direct connection to your VPN.



Level 3's Secure Access Site solution is ideal for providing a backup network to your primary VPN or a low-cost access solution to connect small-

remote sites to your corporate network and essential resources. This service leverages your businesses' existing Level 3 DIA or other DSL/Cable circuit to

provide secure access to your VPN. This is a great solution for enterprises looking to cut costs and improve redundancy while maintaining or possibly increasing the level of connectivity, performance and security that exists today. As IT budgets continue to get pinched and businesses continue to expand, searching for options that will increase accessibility and performance of business applications is critical. That is just what our Level 3 Secure Access Site solution will do for you. We can provide you with a low-cost alternative for connecting, protecting and enabling your employees, applications and data.

Business Solutions

Scalable – Extensive global footprint, available as a network-based solution for remote site connectivity with gateways on four continents. Provides the ability to grow with your business without the need for costly hardware upgrades for increased sites, users or bandwidth.

Low cost – With a predictable monthly cost and no upfront capital, we can connect small, fixed-site offices securely to your corporate network, eliminating the need for all sites to be on the VPN.

Help ensure business continuity – Help maintain secure business operations with secure VPN access for small remote offices with a fixed Internet connection, helping to ensure that employees and partners have access to the necessary resources to do their jobs.

Security – IPsec provides end-to-end encryption and tunneling to meet the challenges of transmitting unencrypted text, and help ensure that your company's private data remains secure, free from unauthorized users who might copy or transmit your company's information.

By 2015, it is expected that the world's mobile worker population will reach 1.3 billion or 37.2% of the total global workforce.

(IDC WORLDWIDE MOBILE WORKER POPULATION 2011-2015 FORECAST DOC#232073)



Technical Features/Capabilities

Existing Internet services are used as the transport mechanism, upon which Level 3 will securely connect remote sites to the customer's Level 3® MPLS/IP VPN.

Equipment: Fortinet Fortigate

Delivered via IPsec

Works with any bandwidth, provides high availability and diverse path redundancy using cable, DSL or 3G/4G

Split-tunneling is standard

VDOMs are setup for each customers, enabling segregation of specific customer configurations

End-to-end encryption

Supports GRE over IPsec for dynamic routing

All traffic allowed from LAN to VPN and VPN to LAN

- No traffic filtering
- 150Mbps max bandwidth per remote site

Gateway locations:

- NA: New York, Miami, Chicago, Dallas, Los Angeles, Sacramento
- EMEA: London, Amsterdam
- LATAM: Sao Paolo
- APAC: Hong Kong

Traffic is on-boarded to the Level 3® MPLS/IP VPN network at the nearest location to minimize latency and jitter for peak performance regardless of location

High availability configuration of secure access site gateways for maximum uptime.

- Service availability for the remote VPN access gateway is 99.9%
- <44 minutes of total Service Unavailability in a month

24 x 7 proactive support: Our expertise and monitoring systems are designed to detect the health of your solution at all times. We provide device and service proactive monitoring with sophisticated threat identification and protection tools.

Why choose Level 3 for managed security?

Global network & threat data: Our global collection of IP, CDN, DNS and MPLS network assets provides us an exceptional view into the threat landscape and tremendous amounts of attack data, enabling us to help identify threats, correlate data and identify/mitigate threats more quickly.

Security Operations Center (SOC): Enjoy the simplicity of a single point of contact with the Level 3 Security Operations Center (SOC) staffed 24 x7 with analysts and engineers who stand ready to proactively and efficiently respond to your security issues, including physical and logical alarms, attacks, suspicious or abnormal network activity, and to assist with your security inquiries.

Simplifying Vendor Complexity: The suite of Level 3 Security Solutions was created to integrate seamlessly with our entire global portfolio of network services, so you can buy and manage everything you need in one place.

ABOUT LEVEL 3

We build, operate and take end-to-end responsibility for network solutions that connect you to the world. We put customers first and take ownership of reliability and security across our broad portfolio.

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DATA NETWORKS | SECURITY | CONTENT DISTRIBUTION | DATA CENTERS | APPLICATION PERFORMANCE | VOICE | UCC