



## Level 3 IP Virtual Private Network Service WAN Connectivity Designed for Security

The Level 3<sup>®</sup> IP Virtual Private Network (VPN) service gives you the flexible connectivity and scalability of IP-based services with the security, privacy and quality of dedicated services. The Level 3 IP VPN offering is a network-based IP VPN service built on our converged MPLS backbone. The service is based on the Internet Engineering Task Force IETF RFC4364 standard, which was co-authored by Level 3. We offer a compelling network design that is cost-competitive, designed for security and fully meshed for optimum flexibility. With MPLS IP VPN, you can replace multiple networks with a single, cost-effective solution that greatly simplifies the converged transmission of voice, video and data.

Level 3<sup>®</sup> VPN Services deliver enterprise-class metro and wide-area network configurations over a private, dedicated infrastructure that is physically and logically separate from the public network. Our MPLS-based VPN portfolio, including IP VPN, VPLS and EVPL services, offers secure solutions that deliver reliable application performance with great flexibility and scalability.

### Business Solutions

- **Secure Network:** Level 3 is one of the few providers that can run over two separate networks, offering inherent privacy and security with physical isolation from the Internet backbone.
- **Expansion Without Overhaul:** Level 3 offers seamless integration with existing hardware, old and new applications, and emerging technologies for increased freedom and savings.
- **High-Performance Network:** Level 3's reliable, innovative and converged MPLS backbone gives you the ability to prioritize network application traffic with CoS capabilities, so the performance of high-priority applications like voice or video is not compromised by other applications, such as email.
- **End-to-End Network Solutions:** Level 3 offers converged data, video and voice traffic on a single dedicated platform. Simplify your services with Converged Business Network and combine IP VPN, DIA and SIP services over a single access circuit.

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## Technical Features / Capabilities

- Six classes of service (CoS) that can be dynamically combined and leveraged across services to prioritize network traffic and manage bandwidth to best meet your unique business needs
- “Right-size” your network with granular speeds and access options to choose from — supports a wide range of interfaces, from T-1 through Gigabit Ethernet, including MLPPP
- Options to leverage Ethernet hand-offs give you Ethernet interfaces at your premise, even in areas not serviced by Ethernet local access provider
- Ideally suited to create solutions for the delivery of cloud applications — we bring you a neutral connection to your cloud solution
- International connectivity with the reach and scalability of MPLS
- Outstanding customer services and extensive portal reporting
- WAN Optimization to enhance application performance
- Available with most services in our comprehensive managed services portfolio

## Why Choose Level 3 for IP VPN service?

- A Trusted Provider You Can Rely On: Level 3 is a proven and trusted partner that provides reliable services and responsive customer support.
- Outstanding Customer Service: Atlantic ACM has ranked Level 3 No. 1 in customer service for six straight years.
- Customer-Oriented Solutions: Our solutions combine partnership and performance across a comprehensive portfolio to give you a reliable one-stop resource that caters to your unique network needs.
- The Right Network for Today’s Business: We are large enough to offer complete Layer 2 and 3 VPN capabilities but without the burden of legacy equipment to work around, which can mean operational and cost efficiencies for you.

### ABOUT LEVEL 3

As a leading international provider of fiber-based communications services, we are dedicated to helping our customers keep pace with the demands of an increasingly networked world.

We couple a broad service portfolio with one of the world’s most scalable end-to-end networks to deliver a set of solutions built for the 21st century.

To find out how Level 3 can be your single-provider solution for all of your business needs, contact us today:

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