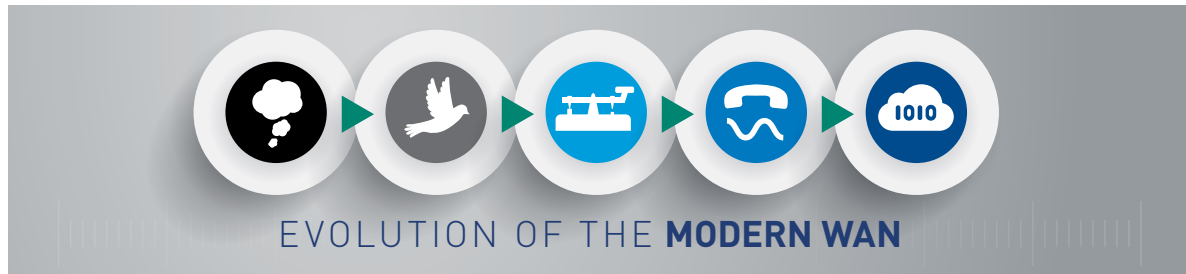


LEVEL 3 WAN SERVICES

SCALABLE, SECURE, CLOUD FRIENDLY WAN SOLUTIONS



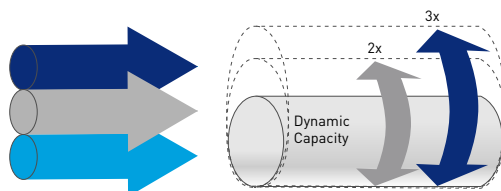
IT departments are on a digital transformation path to dynamic agility, and cloud is central to this strategy. Applications moving to public, private and hybrid clouds pose new challenges for delivery to the branch. The Level 3[®] MPLS/IP VPN service delivers global any-to-any connectivity over a variety of connection types in a flexible, secure, cost effective and cloud-friendly way. Internet, voice and data can be delivered via flexible converged connectivity that maximizes your investment in the WAN. Cloud connectivity allows you to privately connect your WAN to your public cloud service to simplify security and guarantee predictable end-to-end performance of the cloud applications. Level 3's next generation network is SDN-enabled (Software Defined Networking) to maximize efficiency and allow you to control your user experience of the service.

Let us do it for you. Level 3[®] Managed Network Services provide you with fully managed network services with proactive monitoring and management to help you improve your operational and cost efficiencies, simplify network management and allow you to focus on growing your business.

Level 3SM Adaptive Network Control Solutions*

SDN allows Level 3 to efficiently orchestrate the lifecycle of the WAN service and offer dynamic capabilities as part of our Level 3 Adaptive Network Control Solutions* Portfolio:

- Level 3SM Dynamic Capacity allows the customer to make real-time bandwidth changes to 2x or 3x the committed bandwidth on an hourly basis. This can be controlled via a portal or mobile app. Dynamic Capacity activation options include, manual Activate-Now activation, scheduled or automatic based on utilization thresholds from Level 3 Enhanced Management.
- Level 3SM Enhanced Management is the end-to-end performance analysis and management engine with personalized threshold detection that can be used to trigger dynamic functions such as Level 3 Dynamic Capacity. It includes QoS performance SLA measurement and reporting as well as an application layer analysis of the enterprise traffic.

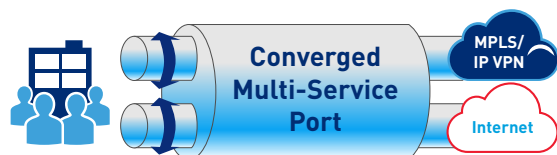


Commitment Flexibility and Burst Billing

Alternatively, to Level 3SM Dynamic Capacity, you may commit to fixed-bandwidth, flat-rate billing or select usage-based billing with bandwidth burst capabilities.

Converged Multi-Service Ports

Separate Voice, VPN and Internet services can be delivered on the same physical port in various paired configurations. With the growth of public cloud / SaaS, it has become increasingly important to deliver Internet directly to the branch office. As applications move between Internet and private delivery, the converged port simplifies bandwidth planning because you only need to worry about how much total bandwidth you need. Bandwidth per service can flex and evolve seamlessly over time.



*ANCS, Cloud Providers and Cellular based access subject to availability

Global Coverage

To easily accommodate your business expansion, the Level 3[®] MPLS/IP VPN global service reach extends to more than 500 markets in more than 60 countries across a global services platform anchored by owned fiber networks on three continents and connected by extensive undersea facilities. Other markets are accessed by our MPLS extended reach partners or with Level 3[®] Secure Access Site which provide managed IPsec access into the WAN.

Data Features

TDM and Ethernet MPLS access up to 10Gbps ports or bring your own Internet access and use Level 3's Secure Access Site to connect to Level 3 MPLS/IP VPN

Six Classes of Service to prioritize your voice, video and data applications

Higher-availability options based on dual or hybrid connectivity

Level 3 Secure Access Cellular* uses vendor-agnostic cellular access for temporary, rapid and failover access

Local Internet can be secured by our network-based secure web gateway service or centrally with Level 3SM Secure Internet Access firewall

Level 3[®] Cloud Connect Solutions* allow you to connect public cloud service providers to your network with predictable performance and security

Multicast support

Proactive availability monitoring, notification and incident management

End-to-end performance SLAs

Managed routers

Voice Features

Traditional or IP phone systems seamlessly supported

Local, Long Distance and Inbound 8xx calling

Number of call path selection and bandwidth options

PRI or SIP options to allow TDM migration to IP

Most common voice features (caller ID, call waiting, call transfer, etc.) included

Business Continuity and Disaster Recovery (BCDR)

Virtual market presence

Remote site support

Intra-enterprise calling

Standard E-911 support

Operator Services, 411 and Directory Assistance (OSDA)

Prepaid long distance bundles available

Turn-key Managed IAD and enterprise SBC solutions available

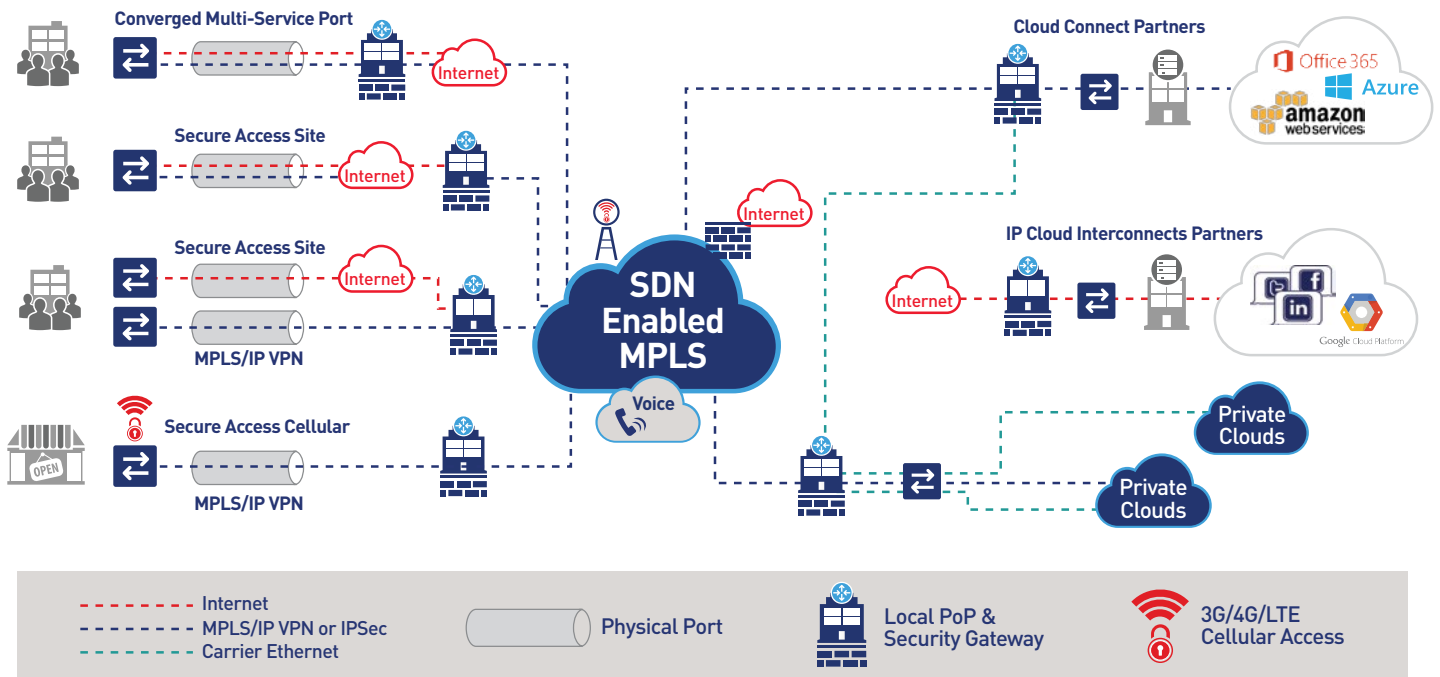
Utilization reporting via MyLevel3 portal

Simplified Management via MyLevel3SM customer portal

The MyLevel3 Portal provides simple navigation, a feature-rich dashboard and personalization features with Level 3 Enhanced Management, order management, invoicing and online payment, subscriptions and alerts, trouble ticketing, network maintenance event management, and network performance management monitoring tools—all from one place.

WAN Environment

Cloud Environment



*ANCS, Cloud Providers and Cellular based access subject to availability

Why Level 3?

Focus—Non-incumbent global network operator that is focused on WAN services as core business

Global Reach—We are wherever you need us

Flexible—Service options that allow you to control your user experience

Innovation—Proven MPLS, MEF CE 2.0 Ethernet access network, Security, and SDN technology

Growth—As your business grows, our network is ready with 200,000+ route miles of fiber, more than 40,000 buildings and approximately 350 multi-tenant key carrier neutral facilities on-net

ABOUT LEVEL 3

We 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.

1.877.2LEVEL3 • LEVEL3.COM
INFO@LEVEL3.COM