

# LEVEL 3<sup>®</sup> SD-WAN

SECURE, AGILE, EFFICIENT NETWORK THAT YOU CONTROL



Enterprises must continually evolve to stay relevant in today's hypercompetitive environment. Companies across the globe turn to digital initiatives to help drive business, product, or customer experience innovation. These digital initiatives can create complexities for IT organizations. And with the pace of change in today's business, it's a true challenge to keep up. You need a secure, agile, and efficient network that you control.

## Reasons to deploy SD-WAN today



**DEPLOY**  
NEW SITES FASTER



**OPTIMIZE**  
YOUR CLOUD EXPERIENCE



**IMPROVE**  
YOUR COST EFFICIENCIES

## Level 3<sup>®</sup> SD-WAN provides



### AGILITY

- Breadth of networking services via our high-capacity global footprint providing holistic customer solutions
- Faster site deployment with built-in agility and zero touch configuration
- Centralized management for greater control to set site and network policy in minutes



### EFFICIENCY

- Reduce administrative overhead – we aggregate and manage carrier-agnostic broadband access for maximum coverage and diversity via a single bill
- Support for multiple access types – Broadband, DSL, LTE, Internet and MPLS
- Flexibility – Fully managed, co-managed with our pro-services team or self-managed
- Monthly recurring charge instead of capital investment



### PERFORMANCE

- High-performance IP network with fewer hops and deep peering interconnects for better application performance
- Improve local user experience with direct access to public cloud/ Software-as-a-Service (SaaS) applications
- Optimize application performance and maximize bandwidth utilization with performance based routing
- Maximize uptime with carrier-agnostic broadband and 4G/LTE cellular diversity



### SECURITY

- Protect against evolving cyber threats – multi-layered Level 3<sup>®</sup> Adaptive Network Security with advanced security services
- Built-in security with automatic secure tunnels between sites and optional branch security

“As enterprises embrace digital transformation, they are increasingly looking to deploy a hybrid WAN (a combination of public and private networks) that is dynamic and flexible, thus driving demand for SD-WAN.”

—Roopa Honnachari, Industry Director, Business Communication Services & Cloud Computing Services ICT, Frost & Sullivan

## Level 3<sup>®</sup> SD-WAN Features

### Basic Service

- x86 customer premises equipment provided and provisioned with SD-WAN software
- Policy-based routing, performance-based routing, application fingerprinting and steering, centralized control and management
- Automatically provisioned IPsec tunnels
- Visibility, analytics, and control via portal access
- 10 configuration changes per site per month for free Break-fix support (8x5, next business day)

### Premium Service

- All Basic Services features, plus:
  - Local secure internet breakout for maximizing performance and internet offload

### Optional Services

- Enhanced security (requires Premium SD-WAN service)
  - Web / URL filtering
  - Intrusion Prevention System
- Enhanced vCPE
- Level 3 Adaptive Network Security – Multi-layer advanced threat protection
  - Advanced security features – Data Loss Prevention (DLP), anti malware, security information and event management (SIEM)
  - Threat research experts leveraging machine learning to process vast amounts of data and identify precursors of an attack
  - Global 24/7 Security Operations Center

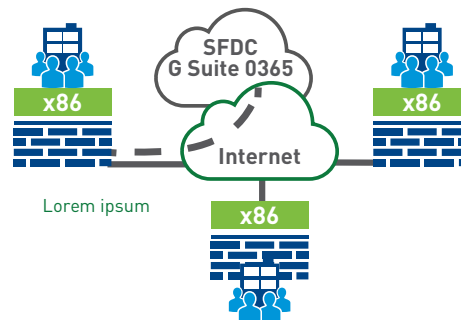
### Access

- Level 3-provided third party broadband:
- Cable, DSL or Fiber
- Level 3<sup>®</sup> Secure Access Cellular – 4G/LTE
- Level 3<sup>®</sup> Dedicated Internet Services
- Customer-provided bandwidth
- Level 3<sup>®</sup> MPLS/IP VPN

## Use Cases

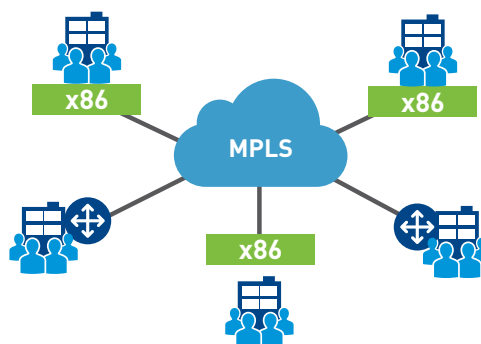
### Internet SD-WAN

Connect your sites over the internet and directly access your public cloud applications securely.



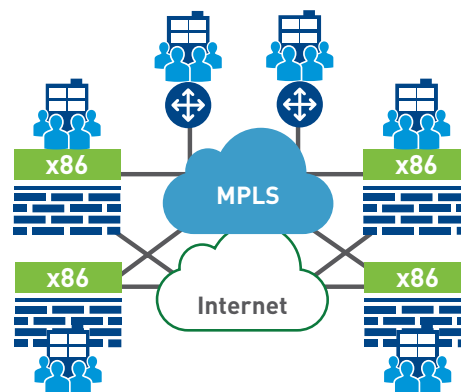
### MPLS SD-WAN

Future-proof sites with CPE refresh, simplify operational management with centralized command and control and transition at your own pace



### MPLS and Internet SD-WAN

Maximize uptime with high availability design, local secure Internet breakout and offload, simplify operational management with centralized command and control path selection to optimize application performance and transition at your own pace



## 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.

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 LEVEL3.COM