



Get Connected. Stay Connected.



Network Services

Whether you're connecting to Internet services or your own remote offices, get the fastest possible speeds with the Peak 10 network.

Top-tier, fully redundant architecture

Flexible, burstable services to meet seasonal or unexpected demands

Multiple connection options, quick installation turnaround, monitoring facilities, secure DNS hosting and custom managed services

From your in-house and offsite data centers to the worldwide cloud, Peak 10 reliable network services provide the backbone to connect you with remote networks, business partners, content providers, carriers and ISPs. Take advantage of our secure Internet access and private network services to meet your stringent business demands.

No-Compromise Network Services

An integral part of our compliance-grade, high performance colocation services, Peak 10 network services facilitate the communication of customer workloads running in Peak 10's strategically located network of data centers or cloud infrastructure with dependent systems and their users. All options can be tailored to your specific needs and are backed by 24/7/365 technical support.

The No-fail Peak 10 Network

Consisting of a multi-carrier, redundant architecture, the Peak 10 network has no single point-of-failure. All sites have multiple high quality Internet providers and are inter-connected via a private, meshed network. This configuration ensures network accessibility of business critical applications residing in Peak 10 data centers and/or in the Peak 10 cloud.

Peak 10 has standardized on Cisco Systems service provider network architecture, implemented independently in each of our markets. Cisco's ASR9000 and 7600 platform, with the fastest management engines offered,

provides core routing functionality. The distribution layer is powered by Cisco Nexus 7000 and Catalyst 6500 series switches. Peak 10 then provides one or more LAN connections to customer cabinets or cage space. Where redundant Peak 10 connections are needed to connect to redundant customer access devices, they are delivered from separate access layer switches for the final connectivity component involved in access to the Internet or other Peak 10 facilities.

Peak 10 network features include:

- Redundant paths for Internet connectivity and to provide connectivity to other Peak 10 locations
- Redundant carriers per location, providing flexibility to customers when choosing private connectivity to their premises and trusted third parties
- Dynamic, performance optimized routing via automated, ongoing hop-count and latency monitoring to provide the best possible end-user experience





- Burstable services to accommodate unforeseen or seasonal demand
- 420 Gb/s aggregate network capacity
- 210 Gb/s aggregate Internet capacity
- Choice of 10, 100, 1000, or 10000 Mbps access port options

Internet Access

Count on Peak 10 Internet access solutions to provide the flexibility and scalability necessary to manage your expanding communications and data requirements. Our services leverage industry-leading technology to optimize traffic routing to external networks to ensure maximum availability and performance over the Internet. In addition to bandwidth, value-add and add-on services are available for utilization monitoring, and IP failover services.

Features include:

- Multiple physical connectivity options including 100 Mbps, 1 Gbps and 10 Gbps network ports in addition to cloud connectivity
- Rapid installation, implementation and service change turnaround times
- Carrier neutrality for private networking to connect Peak 10 housed resources to third parties
- Comprehensive, web-based portal for bandwidth usage reporting
- Burstable and fixed limit subscription options.
- Add-on managed security services
- Traffic traverses Peak 10's private network without affecting Internet bandwidth usage
- Takes advantage of multiple 10 Gbps private connections between Peak 10 facilities



DNS Hosting

Features include:

Peak 10's enterprise-class DNS hosting service, UltraDNS® powered by Neustar, provides holistic protection against distributed denial-of-service (DDoS) attacks. UltraDNS® is less vulnerable to hijacking, spoofing or viruses and includes DNSSEC support to combat phishing. The high-performance service offers 100% uptime; fast, accurate query responses; and extreme scalability.

- Industry-leading DNS platform
- Global DNS networks using BGP and IP Anycast
- Greater security and protection from DDoS attack impact across the network.
- DNSSEC and IPv6 compliant
- SSAE 16, Type-II compliant
- Secure web-based DNS management portal

"UltraDNS® is less vulnerable to hijacking, spoofing or viruses and includes DNSSEC support to combat phishing."

Private Network Services

With Peak 10's private network services, you can use multiple Peak 10 locations to geographically diversify portions of your IT infrastructure. Connectivity between these locations is used to replicate data for a production and disaster recovery use case or to synchronize data in the case of a multi-site, active/active application deployment.

Peak 10's private network provides a cost-effective, secure and scalable alternative to sending your data through a public Internet connection or subscribing to a private, typically inflexible carrier solution. Peak 10 private network services can be used to carry data, video and voice services together over the same connection. Services do not traverse the public Internet and are not shared, providing you with both security and reliability.

Virtual Private LAN (VPL) Service

VPL is Peak 10's private, routed network service. It connects distinct IP subnets at each location and can provide routing to remote subnets as well for those topologies with multiple WAN connections. VPL removes the capital requirements of purchasing routing devices and the operational requirement of managing dedicated equipment.

VPL-specific features include:

- Independent, virtual private router interfaces to provide isolated traffic flows for IP services
- Eliminates the need for customer-provided routers or firewalls for IP segmentation and routing
- Lower bandwidth usage due to routed segmentation and limitation of broadcast traffic
- Scalable and available as a burstable or fixed bandwidth subscription
- Redundant access layer connectivity options are available



Ethernet Private Line (EPL) Service

EPL provides you with the ability to extend local network segments, commonly referred to as a Layer 2 connectivity, based on the Open Systems Interconnection (OSI) model. The service can be implemented as a scalable point-to-point or a point-to-multipoint topology. EPL is available in a wide range of bandwidth speeds and is ideal for running services and applications that require local network to be presented across geographically disparate environments within Peak 10 data centers.

In addition, you can choose to use this service as a component of your disaster recovery plan where it is desirable not to modify local IP addresses during the failover process. EPL services also enable burstable workload scenarios where applications can be moved between locations or clouds without changes to the network configuration.

EPL-specific features include:

- Independent VLAN segmentation for security
- No routing or firewall hardware required
- Utilizes layer 2 switched networking to communicate across the network instead of layer 3 TCP/IP address
- Allows devices at each location to communicate as if local to each other while being on the same IP subnet
- Slightly lower latency by eliminating the use of additional routing devices

Level 3 Cloud Connection Solutions - Ethernet

Peak 10 serves as a node for our technology partner Level 3's Cloud Connect Solutions - Ethernet. This private network service combines the benefits of the public Internet infrastructure (public networks) with the

inherent benefits of a private network infrastructure. You get a "best of both worlds" solution for network circuit provisioning.

Features include:

- Short installation time
- Connections can be quickly scaled to support changing connectivity needs, enabling new environments to deploy in hours instead of weeks (helping you to reduce bandwidth costs and achieve secure, predictable network performance to the cloud).
- Dynamic capacity – bandwidth on demand allows you to match bandwidth levels with actual needs in real time.
- Enhanced management – end-to-end and segment-by-segment real-time visibility of key performance metrics
- Application aware networking – real-time, granular visibility of application traffic and the ability to adjust prioritization to optimize performance.

Make the Connection

Learn more about how Peak 10's reliable, secure network services can enhance the colocation of your valuable IT assets at any Peak 10 data center through the U.S. or in the Peak 10 cloud.

Use the [Contact Us form](#) at www.peak10.com

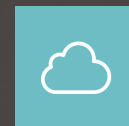
Call (866) 473-2510 or email Solutions@peak10.com

About Peak 10

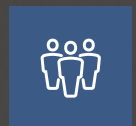
Peak 10 provides IT infrastructure solutions that ensure the 24/7/365 availability and security of our customers' critical data and applications. Customer-centric and cost-competitive, Peak 10 solutions are designed to scale and adapt to customers' changing business needs, enabling them to increase agility, lower costs, improve performance and focus internal resources on their core competencies — all while maintaining uptime, access and security.



**Data Center
& Network Services**



**Cloud
Services**



**Managed
Services**

